



Framework 7

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About the Tutorial

Framework7 is a free and open source framework for mobile HTML. It is used for developing hybrid mobile apps or web apps for iOS and Android devices.

This tutorial will teach you basic Framework7 and will also take you through some detailed concepts.

Audience

This tutorial has been prepared for the beginners to help them understand basic Framework7. After completing this tutorial, you will find yourself at a moderate level of expertise in Framework7 from where you can take yourself to next levels.

Prerequisites

Framework7 is based on HTML5 and JavaScript programming language, so if you have basic understanding on JavaScript programming and HTML5 then it will be a fun to learn.

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1. FRAMEWORK7 – OVERVIEW

Framework7 is a free and open source framework for mobile HTML. It is used for developing hybrid mobile apps or web apps for iOS and Android devices.

Framework7 was introduced in the year 2014. The latest version 1.4.2 was released in February 2016 licensed under MIT.

Why Use Framework7?

- It is easier to develop apps for iOS and Android.
- The learning curve for Framework7 is very easy.
- It has many pre-styled widgets/components.
- It has built-in helper libraries.

Features

- Framework7 is an open source and free to use framework.
- Framework7 has easy and familiar jQuery syntax to get started without any delay.
- To control click delay for touch UI's, Framework7 has built-in *FastClick* library.
- Framework7 has built-in grid system layout for arranging your elements responsively.
- Framework7 dynamically loads pages from templates via *flexible router api*.

Advantages

- Framework7 is not dependent on any third party library even for DOM manipulation. Instead, it has its own custom DOM7.
- Framework7 can also be used with *Angular* and *React* frameworks.
- You can start creating apps once you know HTML, CSS and some basic JavaScript.
- It supports faster development via *Bower*.
- It is easy to develop apps for iOS and Android without learning it.

Disadvantages

- Framework7 only supports platforms like iOS and Android.
- The online community support for Framework7 framework is less compared to iOS and Android.

2. FRAMEWORK7 – ENVIRONMENT

In this chapter, we will discuss about how to install and setup Framework7.

You can download the Framework7 in two ways:

Download from [Framework7 Github repository](#)

You can install the Framework7, using Bower as shown below:

```
bower install framework7
```

After successful installation of Framework7, you need to follow the below given steps to make use of Framework7 in your application:

Step 1: You need to install **gulp-cli** to build development and dist versions of Framework7 by using the following command:

```
npm install gulp-cli
```

The *cli* stands for Command Line Utility for Gulp.

Step 2: The Gulp must be installed globally by using the following command:

```
npm install --global gulp
```

Step 3: Next, install the NodeJS package manager, which installs the node programs that makes it easier to specify and link dependencies. The following command is used to install the npm:

```
npm install
```

Step 4: The development version of Framework7 can be built by using the following command:

```
npm build
```

Step 5: Once you build the development version of Framework7, start building the app from *dist/* folder by using the following command:

```
npm dist
```

Step 6: Keep your app folder in the server and run the following command for navigation between pages of your app:

```
gulp server
```

Download Framework7 Library from CDNs

A CDN or Content Delivery Network is a network of servers designed to serve files to users. If you use a CDN link in your web page, it moves the responsibility of hosting files from your own servers to a series of external ones. This also offers an advantage that if a visitor to your webpage has already downloaded a copy of Framework7 from the same CDN, it won't have to be re-downloaded. You can include the following CDN files into the HTML document.

The following CDNs are used in an **iOS App layout**:

```
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.min.css">
```

It is used to include Framework7 iOS CSS Library to your application.

```
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.colors.min.css">
```

It is used to include Framework7 iOS related color styles to your application.

The following CDNs are used in **Android/Material App Layout**:

```
<script
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
```

It is used to include Framework7 JS library to your application.

```
<script
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.material.min.css"></script>
```

It is used to include Framework7 Material styling to your application.

We are using the CDN versions of the library throughout this tutorial. We use AMPPS (AMPPS is a WAMP, MAMP and LAMP stack of Apache, MySQL, MongoDB, PHP, Perl & Python) server to execute all our examples.

Example

The following example demonstrates the use of simple application in the Framework7, which will display the alert box with the customized message when you click on the navigation bar.

```

<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>My App</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
  </head>
  <body>
    //you can control the background color of the Status bar
    <div class="statusbar-overlay"></div>
    <div class="panel-overlay"></div>
    <div class="panel panel-right panel-reveal">
      <div class="content-block">
        <p>Contents goes here...</p>
      </div>
    </div>
    <div class="views">
      <div class="view view-main">
        <div class="navbar">
          <div class="navbar-inner">
            <div class="center sliding">My App</div>
            <div class="right">
              <a href="#" class="link icon-only open-panel"><i class="icon
icon-bars"></i></a>
            </div>
          </div>
        </div>
      </div>
    </div>
  </body>
</html>

```

```

        </div>
    </div>
    <div class="pages navbar-through toolbar-through">
        <div data-page="index" class="page">
            <div class="page-content">
                <p>This is simple application...</p>
                <div class="list-block">
                    <ul>
                        <li>
                            <a href="envirmnt_about.html" class="">
                                <div class="item-content">
                                    <div class="item-inner">
                                        <div class="item-title">Blog</div>
                                    </div>
                                </div>
                            </a>
                        </li>
                    </ul>
                </div>
            </div>
        </div>
        <div class="toolbar">
            <div class="toolbar-inner">
                <a href="#" class="link">First Link</a>
                <a href="#" class="link">Second Link</a>
            </div>
        </div>
    </div>
    <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
    <script>

```

```

// here initialize the app
var myApp = new Framework7();

// If your using custom DOM library, then save it to $$ variable
var $$ = Dom7;

// Add the view
var mainView = myApp.addView('.view-main', {
  // enable the dynamic navbar for this view:
  dynamicNavbar: true
});

//use the 'pageInit' event handler for all pages
$(document).on('pageInit', function (e) {
  //get page data from event data
  var page = e.detail.page;

  if (page.name === 'blog') {
    // you will get below message in alert box when page with data-page
    attribute is equal to "about"
    myApp.alert('Here its your About page');
  }
})
</script>
</body>
</html>

```

Next, create one more HTML page i.e. **envirmnt_about.html** as shown below:

envirmnt_about.html

```

<div class="navbar">
  <div class="navbar-inner">
    <div class="left">
      <a href="#" class="back link">

```

```

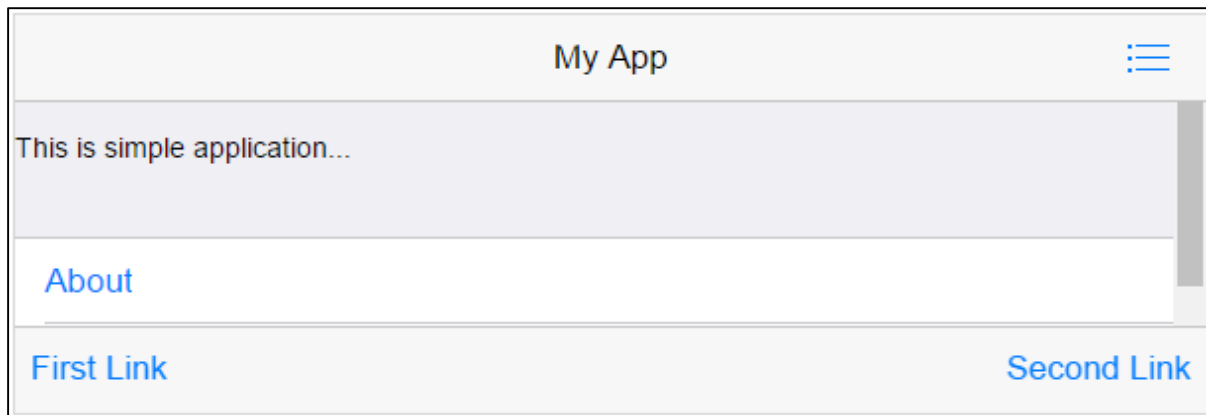
        <i class="icon icon-back"></i>
        <span>Back</span>
    </a>
</div>
<div class="center sliding">My Blog</div>
<div class="right">
    <a href="#" class="link icon-only open-panel"><i class="icon icon-
bars"></i></a>
</div>
</div>
</div>
<div class="pages">
    <div data-page="blog" class="page">
        <div class="page-content">
            <div class="content-block">
                <h2>My Blog</h2>
                <p>Lorem Ipsum is simply dummy text of the printing and typesetting
industry. Lorem Ipsum has been the industry's standard dummy text ever since the
1500s, when an unknown printer took a galley of type and scrambled it to make a
type specimen book.</p>
            </div>
        </div>
    </div>
</div>
</div>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above HTML code as **framework7_environment.html** file in your server root folder.
- Open this HTML file as http://localhost/framework7_environment.html and output is displayed as shown below.
- When you click on the navigation bar, it will display the alert box with the customized message.



Framework7 Components

3. FRAMEWORK7 – LAYOUT

Description

Framework7 provides different types of layouts for your application. It supports three types of Navbar/Toolbar layouts:

| S. No. | Layout Types & Description |
|--------|---|
| 1 | Static Layout The static layout is most often used layout-type and includes navbar and toolbar, which can be a scrollable page content and each page contains its own navbar and toolbar. |
| 2 | Fixed Layout Fixed layout includes its own navbar and toolbar, which can be visible on screen and cannot be scrollable on page. |
| 3 | Through Layout In this layout, the navbar and the toolbar appears fixed for all pages within single view. |
| 4 | Mixed Layout You can mix the different types of layouts in the single view. |

No Navbar/Toolbar

If you do not want to use navbar and toolbar, then do not include appropriate classes (*navbar-fixed*, *navbar-through*, *toolbar-fixed*, *toolbar-through*) to page/pages/view.

Framework7 – Static Layout

Description

The Framework7 static layout is rarely used layout type. It includes Navbar and Toolbar as part of scrollable page content.

Example

The following example demonstrates the use of static layout in the Framework7. The Navbar and Toolbar will disappear as you scroll and does not appear to be fixed.

```
<!DOCTYPE html>  
<html>
```

```

<head>
  <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
  <meta name="apple-mobile-web-app-capable" content="yes">
  <meta name="apple-mobile-web-app-status-bar-style" content="black">
  <title>Static Layout</title>
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
</head>
<body>
  <div class="views">
    <div class="view view-main">
      <div class="pages">
        <div data-page="index" class="page">
          <div class="page-content">
            <div class="navbar">
              <div class="navbar-inner">
                <div class="left"></div>
                <div class="center">Static Navbar</div>
                <div class="right"></div>
              </div>
            </div>
            <div class="content-block">
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Donec et nulla auctor massa pharetra adipiscing ut sit
amet sem. Suspendisse molestie velit vitae mattis tincidunt. Ut sit amet quam
mollis, vulputate turpis vel, sagittis felis. Vestibulum ornare ut eros vitae
adipiscing. Vestibulum volutpat justo enim, ullamcorper vulputate sapien lacinia

```

```

vel. Integer sed justo ultrices augue tincidunt dictum eu vel orci. Mauris sodales
auctor diam vel condimentum.</p>

```

```

<p>Praesent mauris purus, faucibus vel hendrerit at,
dapibus quis lorem. Sed placerat fermentum blandit. Suspendisse potenti. Cras
sollicitudin laoreet tellus, ut gravida leo eleifend convallis. Sed pharetra nisl
quis libero fermentum pharetra. Cras lacinia quam turpis, eget varius risus
interdum sit amet. Quisque laoreet tortor dui, vitae accumsan lacus fringilla in.
Quisque consequat placerat risus, non ornare felis scelerisque quis. Sed
adipiscing diam tellus, vel faucibus mauris rhoncus vel. Vestibulum eu ultrices
tortor, non suscipit lorem. Mauris tellus nulla, volutpat quis lacus eu,
scelerisque adipiscing dui. Nullam nec tempor sem, nec pulvinar sapien. Etiam
blandit condimentum vehicula.</p>

```

```

<p>Praesent nec imperdiet diam. Maecenas vel lectus
porttitor, consectetur magna nec, viverra sem. Aliquam sed risus dolor. Morbi
tincidunt ut libero id sodales. Integer blandit varius nisi quis consectetur.
Nulla pellentesque elementum ligula vitae porta. Nunc sollicitudin mi quis mi
mattis cursus. Nulla diam felis, ullamcorper eget lacinia ac, auctor id velit.
Fusce enim nunc, egestas a augue vitae, malesuada tincidunt risus. Nullam
fringilla, enim nec porta iaculis, enim leo pharetra nunc, eget rutrum tortor dui
et risus. Etiam sit amet molestie dolor. Curabitur ultrices justo ut augue ornare,
vel pharetra libero adipiscing. Duis rhoncus a felis ac venenatis. Duis posuere
non leo vitae tincidunt. Integer luctus arcu ut risus posuere, vel vehicula ipsum
elementum. Duis et cursus sapien. </p>

```

```

<p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>

```

```
</div>
```

```
<div class="toolbar">
```

```
<div class="toolbar-inner">
```

```
<a href="#" class="link">First Link</a>
```

```
<a href="#" class="link">Second Link</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

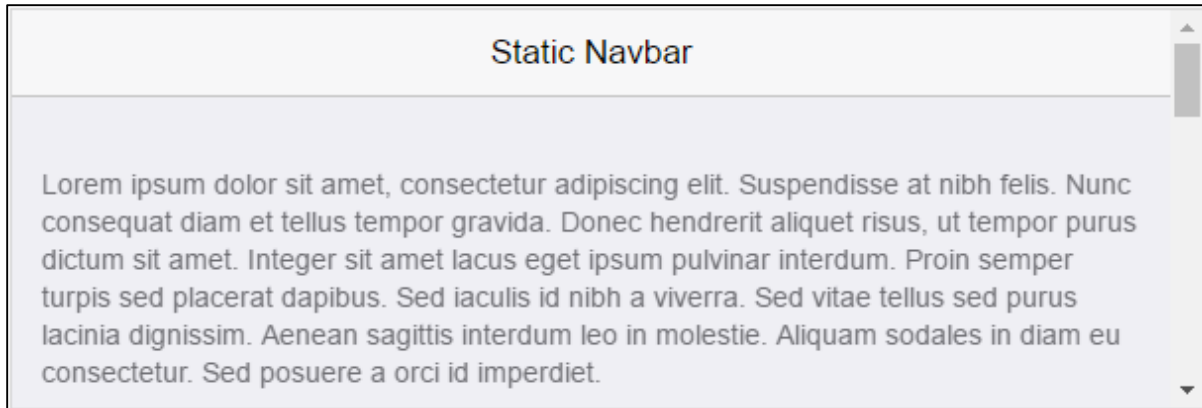
```
        </div>
    </div>
    <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
    <script>
        // here initialize the app
        var myApp = new Framework7();

        // If your using custom DOM library, then save it to $$ variable
        var $$ = Dom7;
        // Add the view
        var mainView = myApp.addView('.view-main', {
        // enable the dynamic navbar for this view:
        dynamicNavbar: true
        });
    </script>
</body>
</html>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **static_layout.html** file in your server root folder.
- Open this HTML file as http://localhost/static_layout.html and the output is displayed as shown below.
- The static layout includes Navbar and Toolbar as parts of scrollable page content and each page has its own Navbar and Toolbar.



Framework7 – Fixed Layout

Description

In this layout, the Navbar and Toolbar will be fixed and cannot be scrollable on page. Each page can also have its own Navbar and Toolbar.

Example

The following example demonstrates the use of fixed layout in the Framework7. The Navbar and Toolbar in the following example appears to be fixed.

First, we will create our **fixed_layout.html** file.

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Fixed Layout</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.min.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.colors.min.css">
```

```

</head>
<body>
  <div class="views">
    <div class="view view-main">
      <div class="pages">
        <div data-page="home" class="page navbar-fixed toolbar-fixed">
          <div class="navbar">
            <div class="navbar-inner">
              <div class="left"></div>
              <div class="center">Fixed Navbar</div>
              <div class="right"></div>
            </div>
          </div>
          <div class="page-content">
            <div class="content-block">
              <p> <a href="fixed_layout-services.html">Services
page</a></p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
            </div>
          </div>
        </div>
      </div>
    </div>
  </div>

```



```

        <div class="toolbar">
            <div class="toolbar-inner"> <a href="#" class="link">Link
1</a><a href="#" class="link">Link 1</a></div>
            </div>
        </div>
    </div>
</div>
</div>
</div>
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
<script>
    var myApp = new Framework7();
    var mainView = myApp.addView('.view');
</script>
</body>
</html>

```

Next, create the HTML page i.e. **fixed_layout-services.html** as shown below:

fixed_layout-services.html

```

<div class="views">
    <div class="view view-main">
        <div class="pages">
            <div data-page="services" class="page navbar-fixed toolbar-fixed">
                <div class="navbar">
                    <div class="navbar-inner">
                        <div class="center">Services Page</div>
                    </div>
                </div>
                <div class="page-content">
                    <div class="content-block">
                        <p> <a href="bars-fixed-index.html" class="back">Go back to Home
page</a></p>
                        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec

```

```
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
 eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
 iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
 sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
 posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
 Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
 hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
 eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
 iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
 sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
 posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
 Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
 hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
 eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
 iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
 sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
 posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
 Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
 hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
 eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
 iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
 sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
 posuere a orci id imperdiet.</p>
```

```
</div>
```

```
</div>
```

```
<div class="toolbar">
```

```
<div class="toolbar-inner"> <a href="#" class="link">Service link
1</a><a href="#" class="link">Service link 2</a></div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **fixed_layout.html** file in your server root folder.

- Open this HTML file as `http://localhost/fixed_layout.html` and the output is displayed as shown below.
- When you scroll the page, Navbar and Toolbar will be fixed and they are visible on the screen.



You can create separate pages for all of the footer links.

Framework7 – Through Layout

Description

In this layout, the navbar and toolbar appears fixed for all pages within single view.

Example

The following example demonstrates the use of through layout in Framework7. The Navbar and Toolbar will be fixed and remains the same for all the pages.

First, we will create our **through_layout.html** file.

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Through Layout</title>
```

```

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
</head>
<body>
    <div class="views">
        <div class="view view-main">
            <div class="navbar">
                <div class="navbar-inner">
                    <div class="left"></div>
                    <div class="center sliding">Through Navbar</div>
                    <div class="right"></div>
                </div>
            </div>
            <div class="pages navbar-through toolbar-through">
                <div data-page="home" class="page">
                    <div class="page-content">
                        <div class="content-block">
                            <p> <a href="through-services.html">Services page</a></p>
                            <p>Praesent nec imperdiet diam. Maecenas vel lectus
porttitor, consectetur magna nec, viverra sem. Aliquam sed risus dolor. Morbi
tincidunt ut libero id sodales. Integer blandit varius nisi quis consectetur.
Nulla pellentesque elementum ligula vitae porta. Nunc sollicitudin mi quis mi
mattis cursus. Nulla diam felis, ullamcorper eget lacinia ac, auctor id velit.
Fusce enim nunc, egestas a augue vitae, malesuada tincidunt risus. Nullam
fringilla, enim nec porta iaculis, enim leo pharetra nunc, eget rutrum tortor dui
et risus. Etiam sit amet molestie dolor. Curabitur ultrices justo ut augue ornare,
vel pharetra libero adipiscing. Duis rhoncus a felis ac venenatis. Duis posuere
non leo vitae tincidunt. Integer luctus arcu ut risus posuere, vel vehicula ipsum
elementum. Duis et cursus sapien. </p>
                            <p>Praesent mauris purus, faucibus vel hendrerit at,
dapibus quis lorem. Sed placerat fermentum blandit. Suspendisse potenti. Cras
sollicitudin laoreet tellus, ut gravida leo eleifend convallis. Sed pharetra nisl
quis libero fermentum pharetra. Cras lacinia quam turpis, eget varius risus
interdum sit amet. Quisque laoreet tortor dui, vitae accumsan lacus fringilla in.
Quisque consequat placerat risus, non ornare felis scelerisque quis. Sed
adipiscing diam tellus, vel faucibus mauris rhoncus vel. Vestibulum eu ultrices

```

tortor, non suscipit lorem. Mauris tellus nulla, volutpat quis lacus eu, scelerisque adipiscing dui. Nullam nec tempor sem, nec pulvinar sapien. Etiam blandit condimentum vehicula.</p>

<p>Praesent nec imperdiet diam. Maecenas vel lectus porttitor, consectetur magna nec, viverra sem. Aliquam sed risus dolor. Morbi tincidunt ut libero id sodales. Integer blandit varius nisi quis consectetur. Nulla pellentesque elementum ligula vitae porta. Nunc sollicitudin mi quis mi mattis cursus. Nulla diam felis, ullamcorper eget lacinia ac, auctor id velit. Fusce enim nunc, egestas a augue vitae, malesuada tincidunt risus. Nullam fringilla, enim nec porta iaculis, enim leo pharetra nunc, eget rutrum tortor dui et risus. Etiam sit amet molestie dolor. Curabitur ultrices justo ut augue ornare, vel pharetra libero adipiscing. Duis rhoncus a felis ac venenatis. Duis posuere non leo vitae tincidunt. Integer luctus arcu ut risus posuere, vel vehicula ipsum elementum. Duis et cursus sapien. </p>

<p>Praesent mauris purus, faucibus vel hendrerit at, dapibus quis lorem. Sed placerat fermentum blandit. Suspendisse potenti. Cras sollicitudin laoreet tellus, ut gravida leo eleifend convallis. Sed pharetra nisi quis libero fermentum pharetra. Cras lacinia quam turpis, eget varius risus interdum sit amet. Quisque laoreet tortor dui, vitae accumsan lacus fringilla in. Quisque consequat placerat risus, non ornare felis scelerisque quis. Sed adipiscing diam tellus, vel faucibus mauris rhoncus vel. Vestibulum eu ultrices tortor, non suscipit lorem. Mauris tellus nulla, volutpat quis lacus eu, scelerisque adipiscing dui. Nullam nec tempor sem, nec pulvinar sapien. Etiam blandit condimentum vehicula.</p>

<p>Praesent nec imperdiet diam. Maecenas vel lectus porttitor, consectetur magna nec, viverra sem. Aliquam sed risus dolor. Morbi tincidunt ut libero id sodales. Integer blandit varius nisi quis consectetur. Nulla pellentesque elementum ligula vitae porta. Nunc sollicitudin mi quis mi mattis cursus. Nulla diam felis, ullamcorper eget lacinia ac, auctor id velit. Fusce enim nunc, egestas a augue vitae, malesuada tincidunt risus. Nullam fringilla, enim nec porta iaculis, enim leo pharetra nunc, eget rutrum tortor dui et risus. Etiam sit amet molestie dolor. Curabitur ultrices justo ut augue ornare, vel pharetra libero adipiscing. Duis rhoncus a felis ac venenatis. Duis posuere non leo vitae tincidunt. Integer luctus arcu ut risus posuere, vel vehicula ipsum elementum. Duis et cursus sapien. </p>

<p>Praesent mauris purus, faucibus vel hendrerit at, dapibus quis lorem. Sed placerat fermentum blandit. Suspendisse potenti. Cras sollicitudin laoreet tellus, ut gravida leo eleifend convallis. Sed pharetra nisi quis libero fermentum pharetra. Cras lacinia quam turpis, eget varius risus interdum sit amet. Quisque laoreet tortor dui, vitae accumsan lacus fringilla in. Quisque consequat placerat risus, non ornare felis scelerisque quis. Sed adipiscing diam tellus, vel faucibus mauris rhoncus vel. Vestibulum eu ultrices tortor, non suscipit lorem. Mauris tellus nulla, volutpat quis lacus eu, scelerisque adipiscing dui. Nullam nec tempor sem, nec pulvinar sapien. Etiam blandit condimentum vehicula.</p>

</div>

</div>

```

        </div>
    </div>
    <div class="toolbar">
        <div class="toolbar-inner"> <a href="#" class="link">Link 1</a><a
href="#" class="link">Link 2</a></div>
    </div>
</div>
</div>
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
    <script>
        var myApp = new Framework7();
        var mainView = myApp.addView('.view');
    </script>
</body>
</html>

```

Next, create the HTML page i.e. **through-services.html** as shown below:

```

<div class="views">
    <div class="view view-main">
        <div class="pages">
            <div data-page="services" class="page navbar-through toolbar-through">
                <div class="navbar">
                    <div class="navbar-inner">
                        <div class="center">Services Page</div>
                    </div>
                </div>
                <div class="page-content">
                    <div class="content-block">
                        <p> <a href="through_layout.html" class="back">Go back to Home
page</a></p>
                        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
egget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed

```

```
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
```

```
</div>
```

```
</div>
```

```
<div class="toolbar">
```

```
<div class="toolbar-inner"> <a href="#" class="link">Link 1</a><a
href="#" class="link">Link 2</a></div>
```

```
</div>
```

```
</div>
```

```
</div>
```

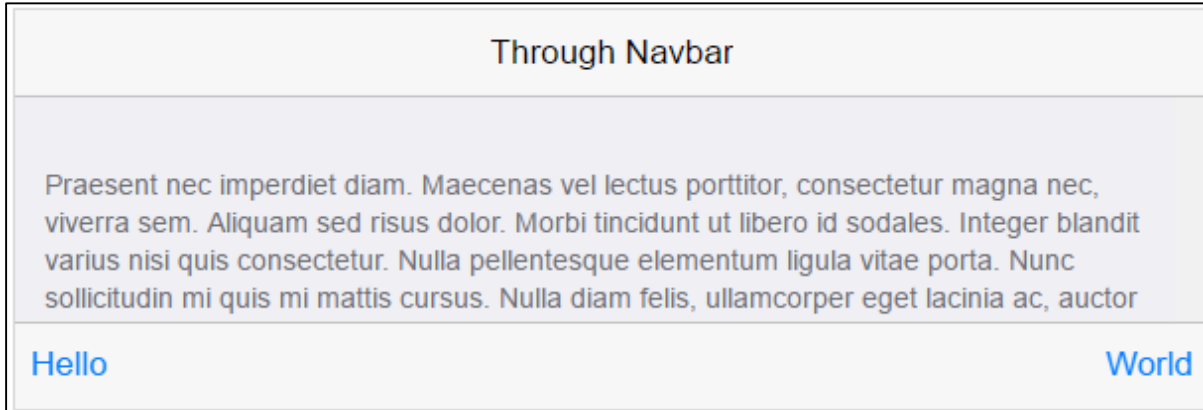
```
</div>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **through_layout.html** file in your server root folder.

- Open this HTML file as `http://localhost/through_layout.html` and the output is displayed as shown below.
- When you scroll the page, Navbar and Toolbar will be fixed and stay the same through all pages within single View.



Framework7 – Mixed Layout

Description

You can mix the different types of layouts in the single view.

Example

The following example demonstrates the use of mixed layout in the Framework7. The Navbar and Toolbars can have mixed layout like *fixed navbar* and *through toolbar* as shown below:

First, we will create our **mixed_layout.html** file.

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>My App</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.min.css">
```



```

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
</head>
<body>
  <div class="views">
    <div class="view view-main">
      <div class="navbar">
        <div class="navbar-inner">
          <div class="center sliding">Mixed Navbar</div>
        </div>
      </div>
      <div class="pages navbar-fixed toolbar-through">
        <div data-page="index" class="page">
          <div class="page-content">
            <div class="list-block">
              <ul>
                <li>
                  <a href="/framework7/src/mixed_layout-services.html"
class="">
                    <div class="item-content">
                      <div class="item-inner">
                        <div class="item-title">Go to Services
page</div>
                      </div>
                    </div>
                  </a>
                </li>
              </ul>
            </div>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>

```

```

        <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
        Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
        hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
        eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
        iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
        sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
        posuere a orci id imperdiet.</p>
        </div>
    </div>
</div>
<div class="toolbar">
    <div class="toolbar-inner">
        <a href="#" class="link">First Link</a>
        <a href="#" class="link">Second Link</a>
    </div>
</div>
</div>
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
<script>
// here initialize the app
var myApp = new Framework7();

// If your using custom DOM library, then save it to $$ variable
var $$ = Dom7;

// Add the view
var mainView = myApp.addView('.view-main', {
    // enable the dynamic navbar for this view:
    dynamicNavbar: true
});
</script>
</body>
</html>

```

Next, create one more HTML page i.e. *mixed_layout-services.html* as shown below:

```

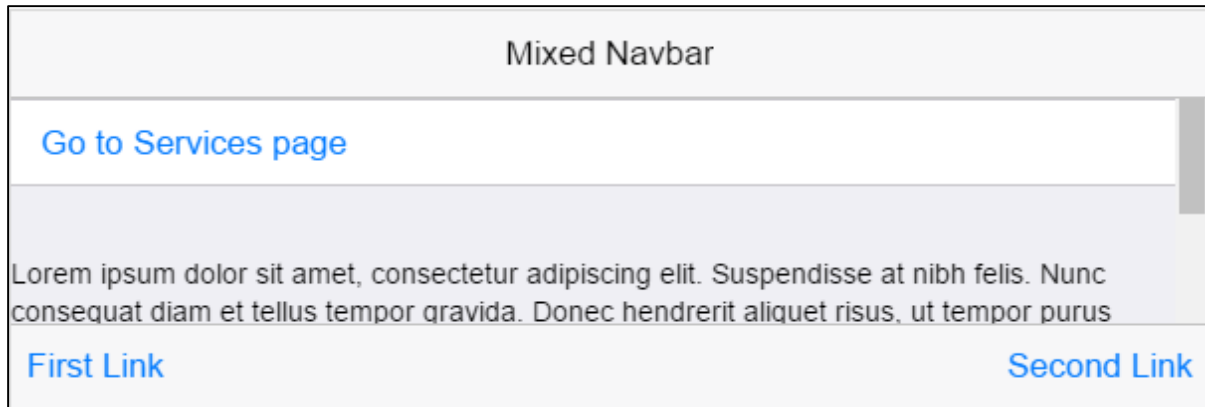
<div class="navbar">
  <div class="navbar-inner">
    <div class="center sliding">Services</div>
  </div>
</div>
<div class="pages">
  <div data-page="services" class="page">
    <div class="page-content">
      <div class="content-block">
        <br>
        <h2>Our Services</h2>
        <ul>
          <li>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do
eiusmod tempor incididunt ut labore.</li>
          <li>Ut enim ad minim veniam, quis nostrud exercitation ullamco
laboris.</li>
          <li>Duis aute irure dolor in reprehenderit in voluptate velit esse
cillum dolore eu fugiat nulla pariatur.</li>
          <li>Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut
odit aut fugit.</li>
          <li>At vero eos et accusamus et iusto odio dignissimos ducimus qui
blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et.</li>
          <li>Nam libero tempore, cum soluta nobis est eligendi optio cumque
nihil impedit quo minus id.</li>
        </ul>
        <p>Go <a href="#" class="back">back</a> to home page.</p>
      </div>
    </div>
  </div>
</div>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **mixed_layout.html** file in your server root folder.
- Open this HTML file as http://localhost/mixed_layout.html and the output is displayed as shown below.
- You can see that the navbar is fixed and through layout is applied to toolbar.



4. FRAMEWORK7 – NAVBARS

Description

In this chapter, let us study about *navbar*. It is usually placed at top of a screen containing title of the page and navigation elements.

Navbar consists of three parts each of which may contain any HTML content, but it is suggested you use these in the way given below:

- **Left:** It is designed to place *back link* icons or single text link.
- **Center:** It is used to display title of the page or tab links.
- **Right:** This part is similar to the *left* part.

The following table demonstrates the use of *navbar* in detail:

| S. No. | Navbar Types & Description |
|--------|---|
| 1 | Basic navbar A basic navbar can be created by using the <i>navbar</i> , <i>navbar-inner</i> , <i>left</i> , <i>center</i> and <i>right</i> classes. |
| 2 | Navbar with links To use links in <i>left</i> and <i>right</i> part of your navbar, just add <code><a></code> tag with class <i>link</i> . |
| 3 | Multiple links To use multiple links, just add few more <code></code> to the part of your choice. |
| 4 | Links with text and icons The links can be provided with icons and texts by adding classes for icons and wrapping the link text with <code></code> element. |
| 5 | Links with only icons Navbar links can be provided with only icons by adding <i>icon-only</i> class to links. |
| 6 | Related app and view methods On initializing the <i>View</i> , framework7 allows you to use methods available for navbar. |
| 7 | Hide navbar automatically The navbar can be hidden/shown automatically for some Ajax loaded pages where navbar is not required. |

Framework7 – Basic Navbar

Description

A basic navbar can be created by using the *navbar*, *navbar-inner*, *left*, *center* and *right* classes.

The *center* part has the lowest width priority, when screen size is reduced. If all the three elements (i.e., *center*, *left* and *right*) do not fit into the screen, then the *center* part will be removed.

Example

The following example demonstrates the use of navbar in Framework7:

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
  </head>
  <body>
    <div class="views">
      <div class="view view-main">
        <div class="navbar">
          <div class="navbar-inner">
            <div class="left">Left</div>
            <div class="center">Center</div>
            <div class="right">Right</div>
          </div>
        </div>
      </div>
    </body>
  </html>
```

```

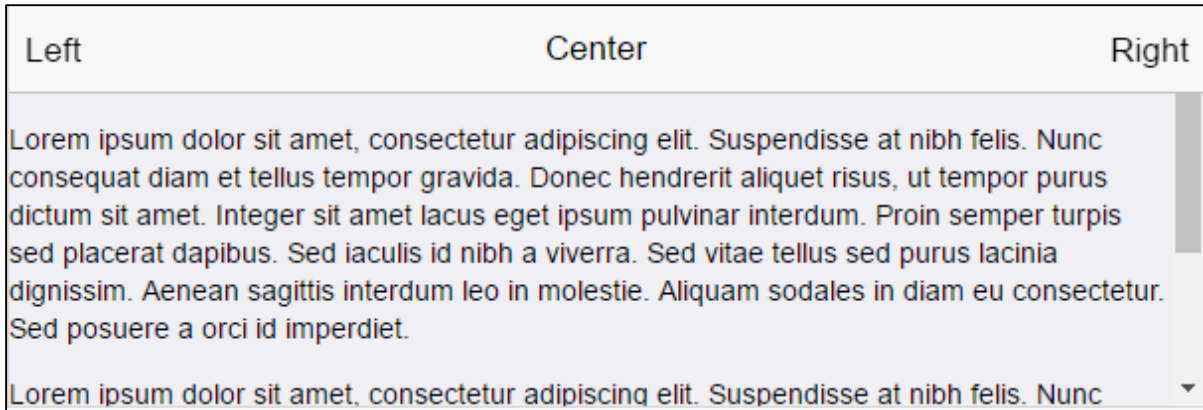
    </div>
    <div class="pages navbar-through ">
        <div data-page="index" class="page">
            <div class="page-content">
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
                Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
                hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
                eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
                iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
                sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
                posuere a orci id imperdiet.</p>
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
                Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
                hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
                eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
                iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
                sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
                posuere a orci id imperdiet.</p>
            </div>
        </div>
    </div>
</div>
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
</body>
</html>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given HTML code as **navbar_basic.html** file in your server root folder.
- Open this HTML file as http://localhost/navbar_basic.html and the output is displayed as shown below.
- The basic navbar 3 parts such as left, Center and Right and each part includes any HTML content.



Framework7 – Navbar with Links

Description

To use links in *left* and *right* part of your navbar, just add `<a>` tag with class `link`.

Example

The following example displays the links at the top left and right corner sides in Framework7:

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar With Links</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
  </head>
  <body>
    <div class="views">
      <div class="view view-main">
```



```

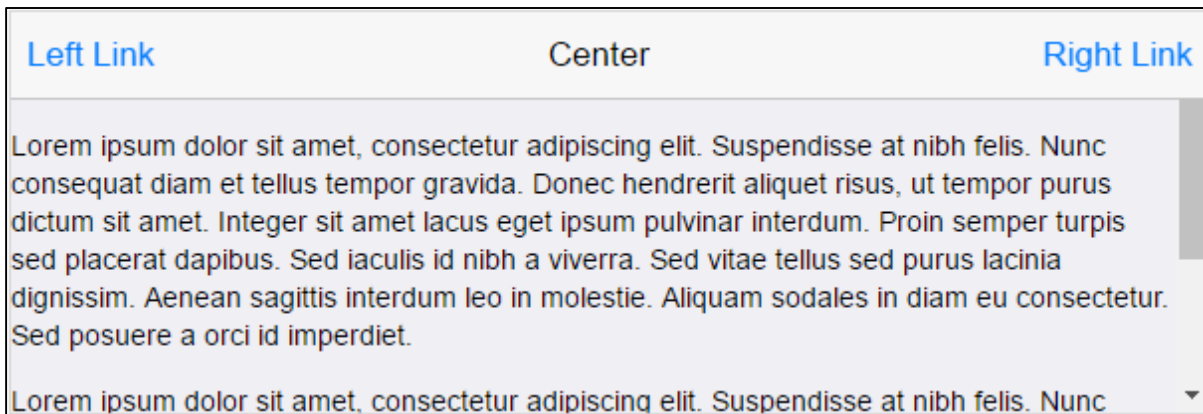
    <div class="navbar">
    <div class="navbar-inner">
        <div class="left">
            <a href="#" class="link">Left Link</a>
        </div>
        <div class="center">Center</div>
        <div class="right">
            <a href="#" class="link">Right Link</a>
        </div>
    </div>
</div>
    <div class="pages navbar-through ">
        <div data-page="index" class="page">
            <div class="page-content">
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
                <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
            </div>
        </div>
    </div>
</div>
    <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
</body>
</html>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **navbar_links.html** file in your server root folder.
- Open this HTML file as http://localhost/navbar_links.html and the output is displayed as shown below.
- The navbar provides links in the left and right part of the page.



Framework7 – Multiple Links

Description

To use multiple links, just add a few more `` to any part of your choice.

Example

The following example demonstrates the use of navbar with multiple links in Framework7:

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
```

```

    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar With Multiple Links</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.min.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.colors.min.css">
</head>
<body>
    <div class="views">
        <div class="view view-main">
            <div class="navbar">
                <div class="navbar-inner">
                    <div class="left">
                        <a href="#" class="link">Left 1</a>
                    </div>
                    <div class="center">Center</div>
                    <div class="right">
                        <a href="#" class="link">Right 1</a>
                        <a href="#" class="link">Right 2</a>
                    </div>
                </div>
            </div>
        </div>
        <div class="pages navbar-through ">
            <div data-page="index" class="page">
                <div class="page-content">
                    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
                    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec

```

```

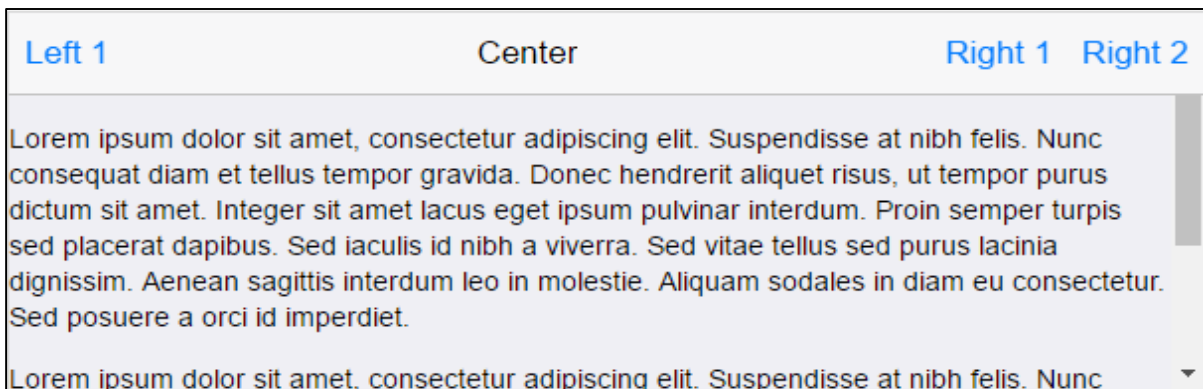
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
        </div>
    </div>
</div>
</div>
</div>
    <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
    </body>
</html>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **navbar_multi_links.html** file in your server root folder.
- Open this HTML file as http://localhost/navbar_multi_links.html and the output is displayed as shown below.
- The navbar provides multiple links either at the left part or right part of the page.



Framework7 – Links with Text & Icons

Description

The links can be provided with icons and text by adding classes for icons and wrapping the link text with `` element.

Example

The following example demonstrates the use of navbar links with text and icons in the Framework7:

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar Links With Text & Icons</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
  </head>
  <body>
    <div class="views">
      <div class="view view-main">
        <div class="navbar">
          <div class="navbar-inner">
            <div class="left">
              <a href="#" class="link">
                <i class="icon icon-back"></i>
                <span>Previous</span>
              </a>
            </div>
          </div>
        </div>
      </div>
    </body>
  </html>
```

```

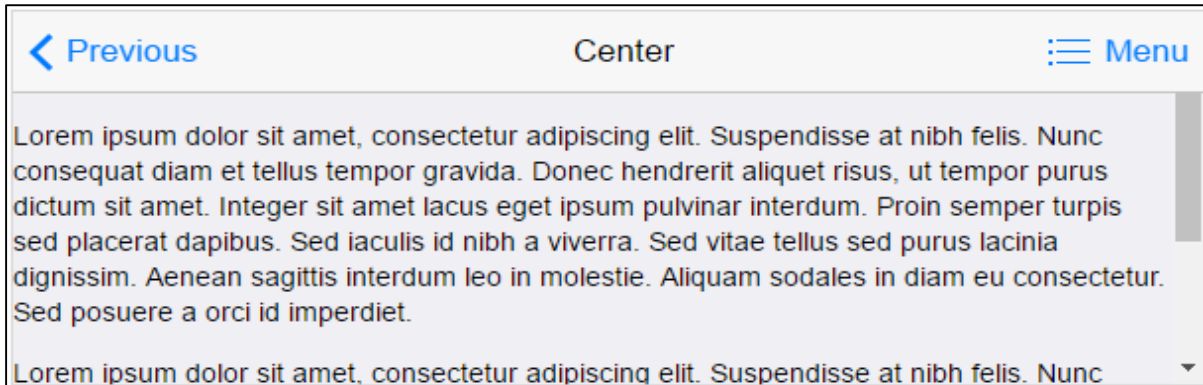
    <div class="center">Center</div>
    <div class="right">
        <a href="#" class="link">
            <i class="icon icon-bars"></i>
            <span>Menu</span>
        </a>
    </div>
</div>
</div>
<div class="pages navbar-through ">
    <div data-page="index" class="page">
        <div class="page-content">
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
        </div>
    </div>
</div>
</div>
</div>
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
</body>
</html>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **navbar_links_icons.html** file in your server root folder.
- Open this HTML file as `http://localhost/navbar_links_icons.html` and the output is displayed as shown below..
- The navbar provides links with the icons and text by wrapping the link's text with span element.



Framework7 – Links with Only Icons

Description

Navbar links can be provided with only icons by adding the *icon-only* class to links. It will make the link display in fixed 44x44 px size.

Example

The following example demonstrates the use of navbar links with only icons in the Framework7:

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar With Only Icons</title>
```

```

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.min.css">

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.colors.min.css">
</head>
<body>
  <div class="views">
    <div class="view view-main">
      <div class="navbar">
        <div class="navbar-inner">
          <div class="left">
            <a href="#" class="link icon-only">
              <i class="icon icon-back"></i>
            </a>
          </div>
          <div class="center">Center Section</div>
          <div class="right">
            <a href="#" class="link icon-only">
              <i class="icon icon-bars"></i>
            </a>
          </div>
        </div>
      </div>
    </div>
    <div class="pages navbar-through ">
      <div data-page="index" class="page">
        <div class="page-content">
          <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
          <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec

```



```

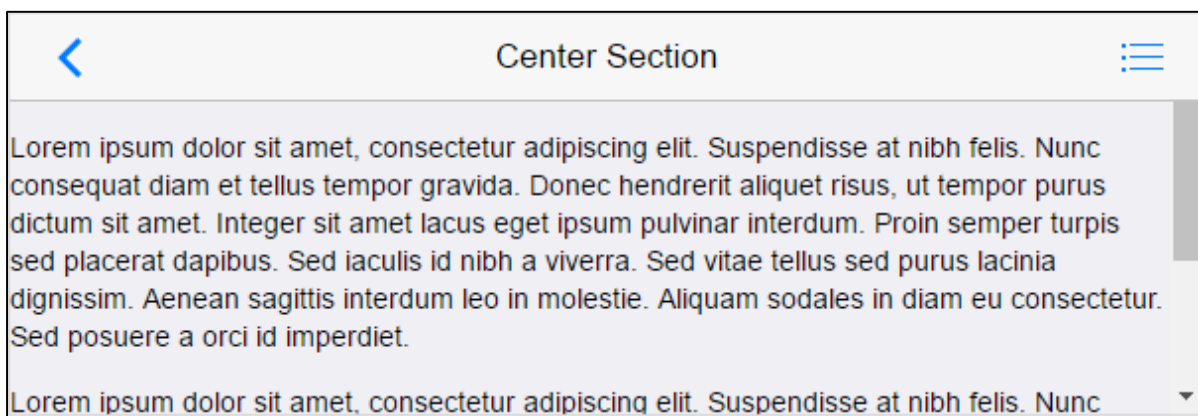
hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus
eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
        </div>
    </div>
</div>
</div>
    <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
    </body>
</html>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given HTML code as **navbar_only_icons.html** file in your server root folder.
- Open this HTML file as http://localhost/navbar_only_icons.html and the output is displayed as shown below.
- The navbar provides links only with the icons without using the text.



Framework7 – Related App & View Methods

Description

The *View* (`<div class="view">`) is a disconnected visual section of app consisting of its own settings, navigations and history. Every view may have a different navbar and toolbar layouts.

Views is the wrapper container for all visual views except *modals* and *panels*. When *views* is set as a main wrapper for your app's body, only one *views* element is allowed. The following code shows the HTML structure for views:

```
<body>
  ...
  <div class="panel panel-left panel-cover">
    <div class="view panel-view"> .... </div>
  </div>
  <!-- Views -->
  <div class="views">
    <!-- Your main view -->
    <div class="view view-main">
      <!-- Navbar-->
      <!-- Pages -->
      <!-- Toolbar-->
    </div>
    <!-- Another view -->
    <div class="view another-view">
      <!-- Navbar-->
      <!-- Pages -->
      <!-- Toolbar-->
    </div>
  </div>
  <div class="popup">
    <div class="view popup-view"> .... </div>
  </div>
  ....
</body>
```

On initializing the *View*, framework7 allows you to use the methods available for navbar as shown below:

| S. No. | Methods & Description |
|--------|---|
| 1 | myApp.hideNavbar(navbar) It is used to hide a particular navbar. The <i>navbar</i> can be HTML element or string (with CSS selector) of required navbar and is a required parameter. |
| 2 | myApp.showNavbar(navbar) It is used to show a particular navbar. The <i>navbar</i> can be HTML element or string (with CSS selector) of required navbar and is a required parameter. |
| 3 | view.hideNavbar() It hides navbar in this view. |
| 4 | view.showNavbar() It shows navbar in this view. |
| 5 | myApp.sizeNavbars(viewContainer) It is used to recalculate positional styles for Navbar. The <i>viewContainer</i> can be CSS selector string or HTML element and is used only by iOS theme. |

Example

The following example demonstrates the use of view methods in Framework7, which hides the navbar when you click the *Hide Navbar* (uses *.hide-navbar* class) button and shows the navbar by clicking on the *Show Navbar* (uses *.show-navbar* class) button.

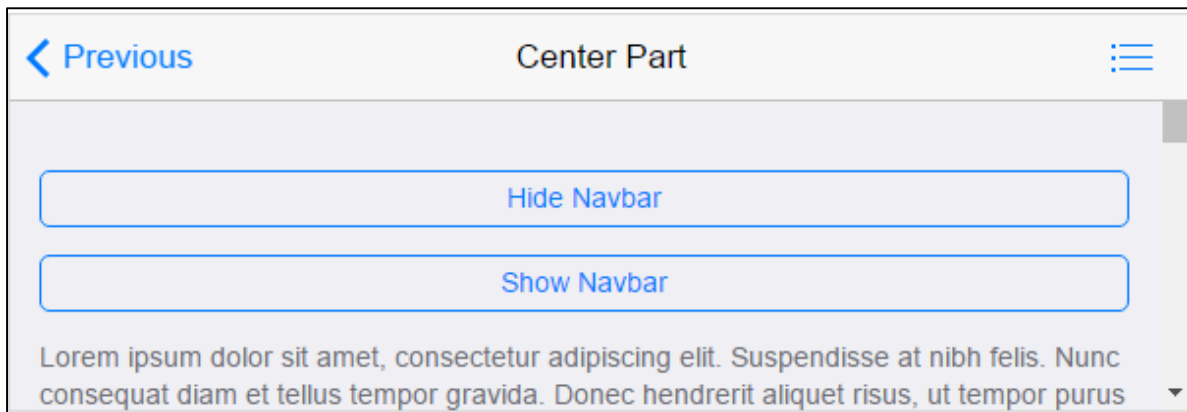
```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar View Methods</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.min.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.colors.min.css">
  </head>
```

```

<body>
  <div class="views">
    <div class="view view-main">
      <div class="pages">
        <div data-page="home" class="page navbar-fixed">
          <div class="navbar">
            <div class="navbar-inner">
              <div class="left"> <a href="#" class="link"> <i
class="icon icon-back"></i><span>Previous</span></a></div>
              <div class="center">Center Part</div>
              <div class="right"> <a href="#" class="link icon-only"> <i
class="icon icon-bars"></i></a></div>
            </div>
          </div>
          <div class="page-content">
            <div class="content-block">
              <p> <a href="#" class="button hide-navbar">Hide
Navbar</a></p>
              <p> <a href="#" class="button show-navbar">Show
Navbar</a></p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>

```


- When you run the code, you can hide the navbar by clicking on the Hide Navbar button and shows the navbar by clicking on the Show Navbar button.



Framework7 – Hide Navbar Automatically

Description

The navbar can be hidden/shown automatically for some Ajax loaded pages where navbar is not required. It is useful only whenever you use the through-type layout. You need to add *no-navbar* class to the loaded page and put an empty navbar.

Example

The following example hides the navbar automatically when you click on the link:

Create file `navbar_hide_auto_about.html`

`navbar_hide_auto_about.html`

```
<div class="navbar">
  <div class="navbar-inner"></div>
</div>
<div data-page="about" class="page no-navbar">
  <div class="page-content">
    <div class="content-block">
      <p> <a href="#" class="back button">Go Back</a></p>
      <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit
aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum
pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a
```

```
viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum
leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id
imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit
aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum
pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a
viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum
leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id
imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit
aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum
pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a
viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum
leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id
imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse
at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit
aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum
pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a
viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum
leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id
imperdiet.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

navbar_hide_auto.html

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Navbar View Methods</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
```

```

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
</head>
<body>
  <div class="views">
    <div class="view view-main navbar-through">
      <div class="navbar">
        <div class="navbar-inner">
          <div class="center">Center Part</div>
          <div class="right"> <a href="#" class="link icon-only"> <i
class="icon icon-bars"></i></a></div>
        </div>
      </div>
      <div class="pages">
        <div data-page="home" class="page">
          <div class="page-content">
            <div class="content-block">
              <p> <a href="navbar_hide_auto_about.html"
class="button">About</a></p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>

```



```

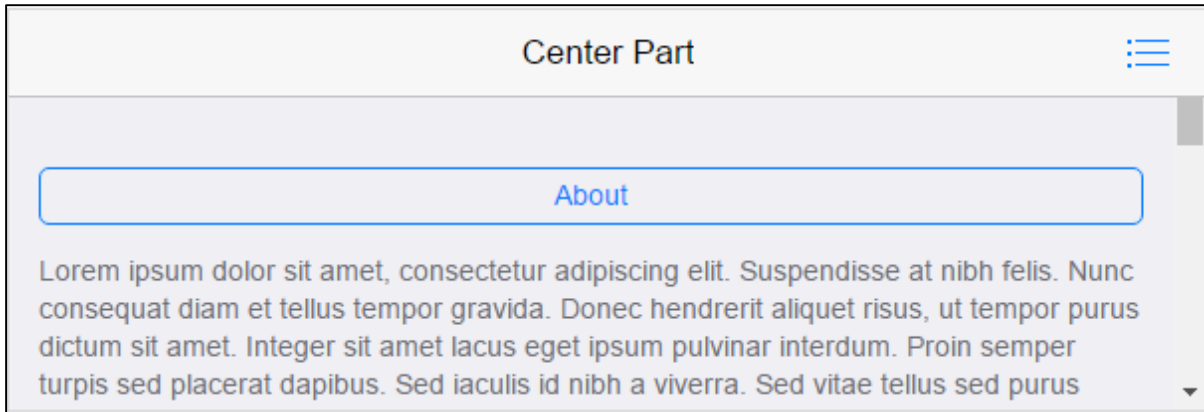
        <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet
lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed
iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean
sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed
posuere a orci id imperdiet.</p>
        </div>
    </div>
</div>
</div>
</div>
</div>
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
    <script>
        var myApp = new Framework7();
        var mainView = myApp.addView('.view-main', {
            dynamicNavbar: true
        });
    </script>
</body>
</html>

```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **navbar_hide_auto.html** file in your server root folder.
- Open this HTML file as http://localhost/navbar_hide_auto.html and the output is displayed as shown below.
- When you run the code, you can hide or show the navbar automatically whenever navbar is not required.



5. FRAMEWORK7 – TOOLBARS

Description

Toolbar provides easy access to other pages by using navigation elements at the bottom of the screen.

You can use toolbar in two ways as specified in the table:

| S. No. | Toolbar types & Description |
|--------|--|
| 1 | Hide Toolbar You can hide the toolbar automatically when you load the pages by using the no-toolbar class to loaded page. |
| 2 | Bottom Toolbar Place the toolbar at the bottom of the page by using the toolbar-bottom class. |

Framework7 – Toolbar Hiding

Description

You can hide the toolbar automatically when you load the pages by using the **no-toolbar** class to loaded page.

Example

The following example demonstrates the use of toolbar hiding in Framework7:

First, we will create one HTML page called **toolbar_hiding.html**.

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Toolbar Hiding</title>
```

```

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">

    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
</head>
<body>
  <div class="views">
    <div class="view view-main">
      <div class="navbar">
        <div class="navbar-inner">
          <div class="center sliding">Toolbar Hiding</div>
        </div>
      </div>
      <div class="pages navbar-through">
        <div data-page="index" class="page">
          <div class="page-content">
            <div class="list-block">
              <ul>
                <li>
                  <a href="/framework7/src/toolbar-services.html"
class="link">
                    <div class="item-content">
                      <div class="item-inner">
                        <div class="item-title">Go to Services
page</div>
                      </div>
                    </div>
                  </a>
                </li>
              </ul>
            </div>
            <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec
hendrerit aliquet risus, ut tempor purus dictum sit amet. Aenean sagittis interdum

```

```
leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
```

```
<p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<div class="toolbar">
```

```
<div class="toolbar-inner">
```

```
<a href="#" class="link">Link 1</a>
```

```
<a href="#" class="link">Link 2</a>
```

```
<a href="#" class="link">Link 3</a>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
<script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
```

```
<script>
```

```
// here initialize the app
```

```
var myApp = new Framework7();
```

```
// If your using custom DOM library, then save it to $$ variable
```

```
var $$ = Dom7;
```

```
// Add the view
```

```
var mainView = myApp.addView('.view-main', {
```

```
// enable the dynamic navbar for this view
```

```
dynamicNavbar: true
```

```
});
```

```

    </script>
  </body>
</html>

```

Next, create one more HTML page i.e. **toolbar-services.html** as shown below:

```

<div class="navbar">
  <div class="navbar-inner">
    <div class="center sliding">Services</div>
  </div>
</div>
<div class="pages">
  <div data-page="services" class="page no-toolbar">
    <div class="page-content">
      <div class="content-block">
        <br>
        <h2>Our Services</h2>
        <ul>
          <li>Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do
            eiusmod tempor incididunt ut labore.</li>
          <li>Ut enim ad minim veniam, quis nostrud exercitation ullamco
            laboris.</li>
          <li>Duis aute irure dolor in reprehenderit in voluptate velit esse
            cillum dolore eu fugiat nulla pariatur.</li>
          <li>Nemo enim ipsam voluptatem quia voluptas sit aspernatur aut
            odit aut fugit.</li>
          <li>At vero eos et accusamus et iusto odio dignissimos ducimus qui
            blanditiis praesentium voluptatum deleniti atque corrupti quos dolores et.</li>
          <li>Nam libero tempore, cum soluta nobis est eligendi optio cumque
            nihil impedit quo minus id.</li>
        </ul>
        <p>Go <a href="#" class="back">back</a> to home page.</p>
      </div>
    </div>
  </div>
</div>

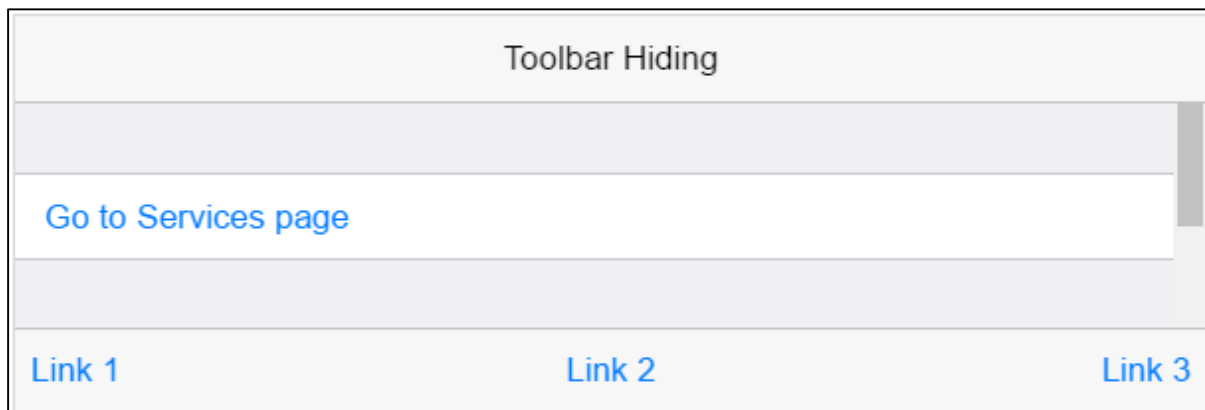
```

```
<div class="toolbar">
  <div class="toolbar-inner">
    <a href="#" class="link">Link 1</a>
    <a href="#" class="link">Link 2</a>
    <a href="#" class="link">Link 3</a>
  </div>
</div>
```

Output

Let us carry out the following steps to see how the above given code works:

- Save the above given html code as **toolbar_hiding.html** file in your server root folder.
- Open this HTML file as http://localhost/toolbar_hiding.html and the output is displayed as shown below.
- When you run the code, click on the Services page link, which will hide the Toolbar automatically in the page.



Framework7 – Toolbar Bottom

Description

Place the toolbar at the bottom of the page by using the **toolbar-bottom** class. Bottom toolbar is only supported in Material theme and in iOS theme; it is placed at the bottom by default.

Example

The following example demonstrates the use of Toolbar bottom in Framework7:

First, we will create one HTML page called **toolbar_bottom.html**.

```
<!DOCTYPE html>
<html>
  <head>
    <meta name="viewport" content="width=device-width, initial-scale=1, maximum-
scale=1, minimum-scale=1, user-scalable=no, minimal-ui">
    <meta name="apple-mobile-web-app-capable" content="yes">
    <meta name="apple-mobile-web-app-status-bar-style" content="black">
    <title>Toolbar Hiding</title>
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.m
in.css">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/css/framework7.ios.c
olors.min.css">
  </head>
  <body>
    <div class="views">
      <div class="view view-main">
        <div class="navbar">
          <div class="navbar-inner">
            <div class="center sliding">Bottom Toolbar</div>
          </div>
        </div>
        <div class="pages navbar-through">
          <div data-page="index" class="page toolbar-fixed navbar-fixed">
            <div class="page-content">
              <p>Lorem ipsum dolor sit amet, consectetur adipiscing
elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida.
Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Aenean sagittis
```



```
interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
```

```
    <p>Lorem ipsum dolor sit amet, consectetur adipiscing elit. Suspendisse at nibh felis. Nunc consequat diam et tellus tempor gravida. Donec hendrerit aliquet risus, ut tempor purus dictum sit amet. Integer sit amet lacus eget ipsum pulvinar interdum. Proin semper turpis sed placerat dapibus. Sed iaculis id nibh a viverra. Sed vitae tellus sed purus lacinia dignissim. Aenean sagittis interdum leo in molestie. Aliquam sodales in diam eu consectetur. Sed posuere a orci id imperdiet.</p>
```

```
    </div>
```

```
  </div>
```

```
</div>
```

```
  <div class="toolbar toolbar-bottom">
```

```
    <div class="toolbar-inner">
```

```
      <a href="#" class="link">Link 1</a>
```

```
      <a href="#" class="link">Link 2</a>
```

```
      <a href="#" class="link">Link 3</a>
```

```
    </div>
```

```
  </div>
```

```
</div>
```

```
</div>
```

```
</div>
```

```
  <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/framework7/1.4.2/js/framework7.min.js"
></script>
```

```
  <script>
```

```
    // here initialize the app
```

```
    var myApp = new Framework7();
```

```
    // If your using custom DOM library, then save it to $$ variable
```

```
    var $$ = Dom7;
```

```
    // Add the view
```

```
    var mainView = myApp.addView('.view-main', {
```

```
      // enable the dynamic navbar for this view
```

```
      dynamicNavbar: true
```

```
    });
```

```
  </script>
```

```
</body>
```

```
</html>
```

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