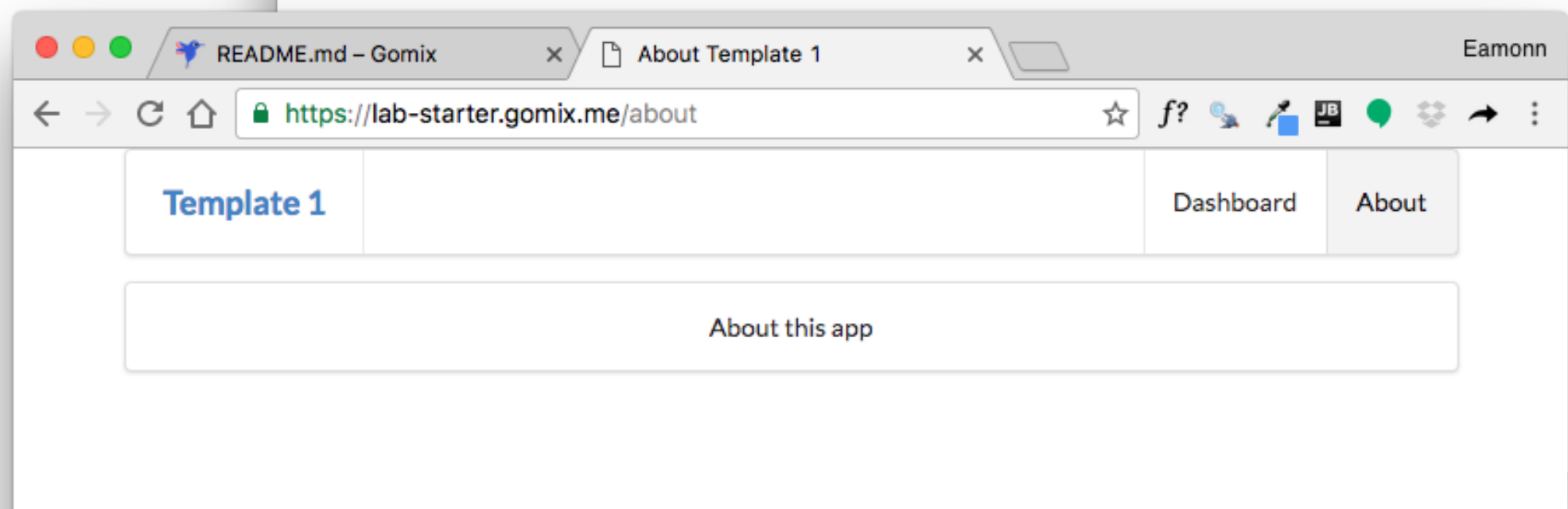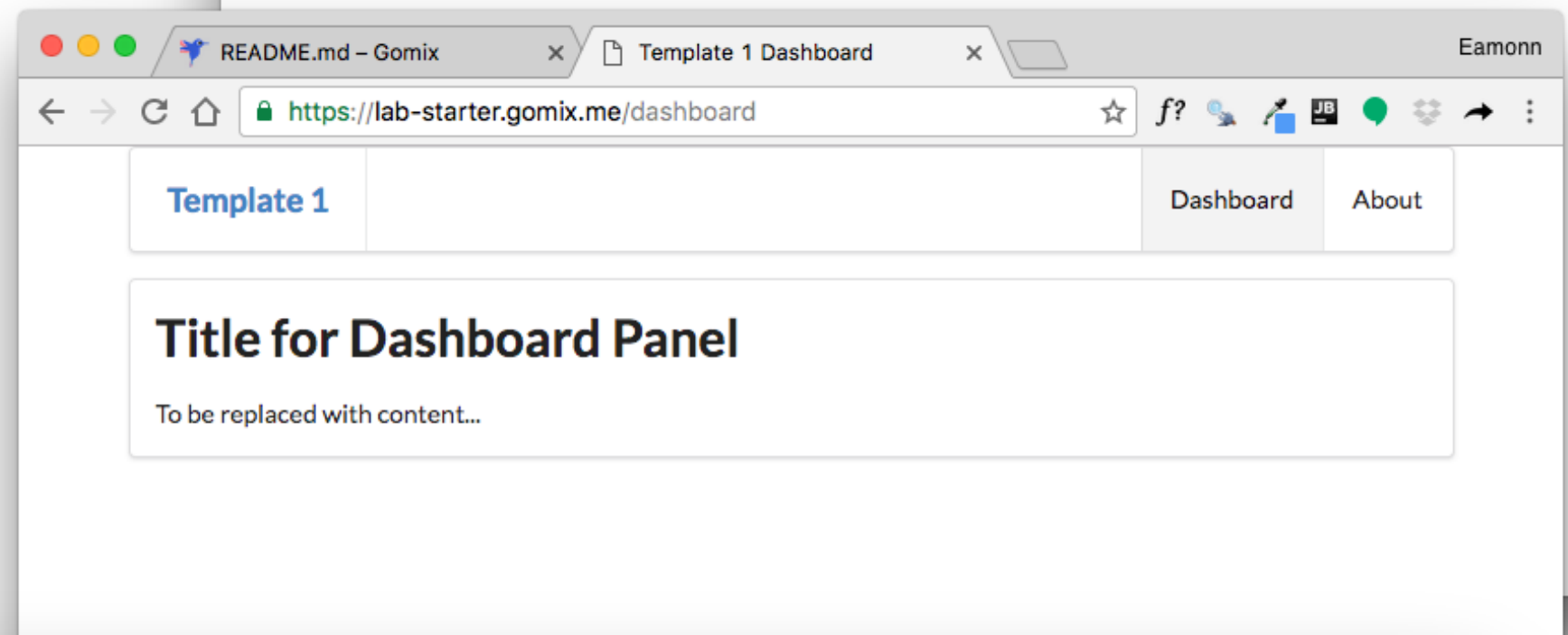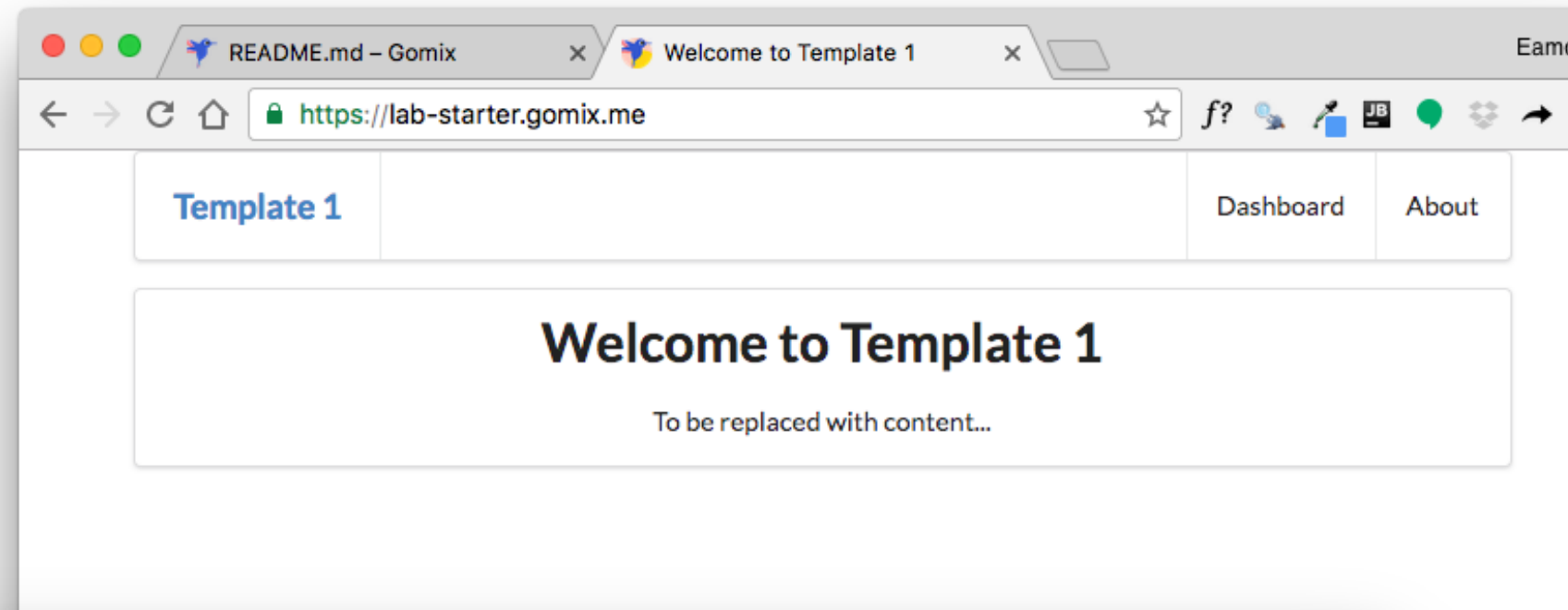# Front End

- The starter app has a menu + 3 'Views':

  - Start

  - Dashboard

  - About

Layout

- All views will be based on structure laid down in **layout/main.hbs.**

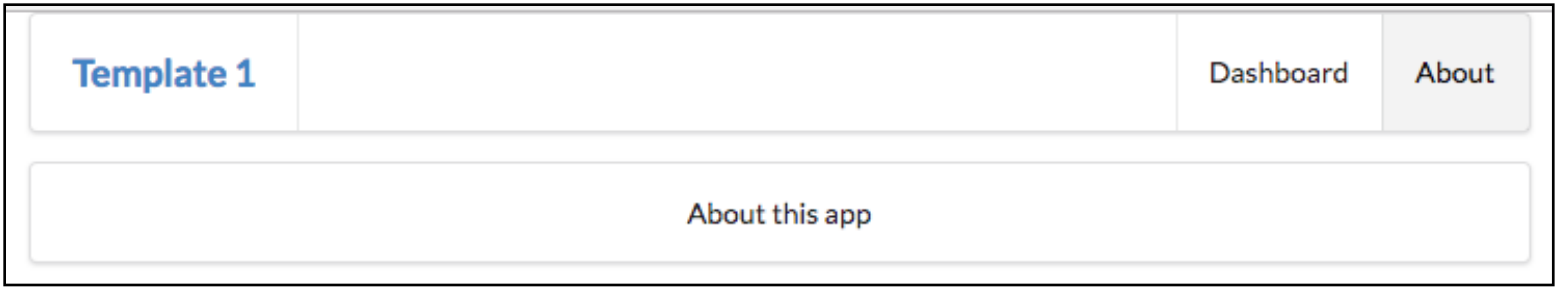- Includes Semantic-UI CSS library

```
front-end +
 assets
views/about.hbs
views/dashboard.hbs
views/layouts/main.hbs
views/partials/mainpanel.hbs
views/partials/menu.hbs
views/start.hbs
```

```html
<!DOCTYPE html>
<html>
 <head>
  <meta charset="utf-8">
  <title> {{title}} </title>
  <meta charset="UTF-8">
  <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3.3.1/jquery.min.js"></script>
  <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.4.1/semantic.min.css" type="text/css">
  <script type="text/javascript"
src="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.4.1/semantic.min.js"></script>
  <link rel="stylesheet" type="text/css" href="/stylesheets/style.css">
 </head>
 <body>
  <section class="ui container">
   {{{body}}}
  </section>
 </body>
</html>
```
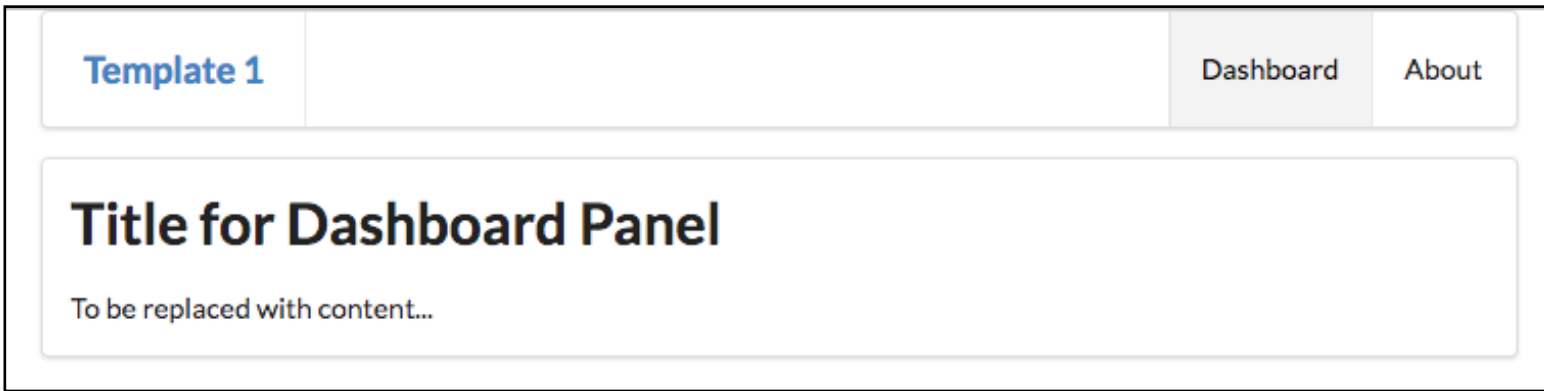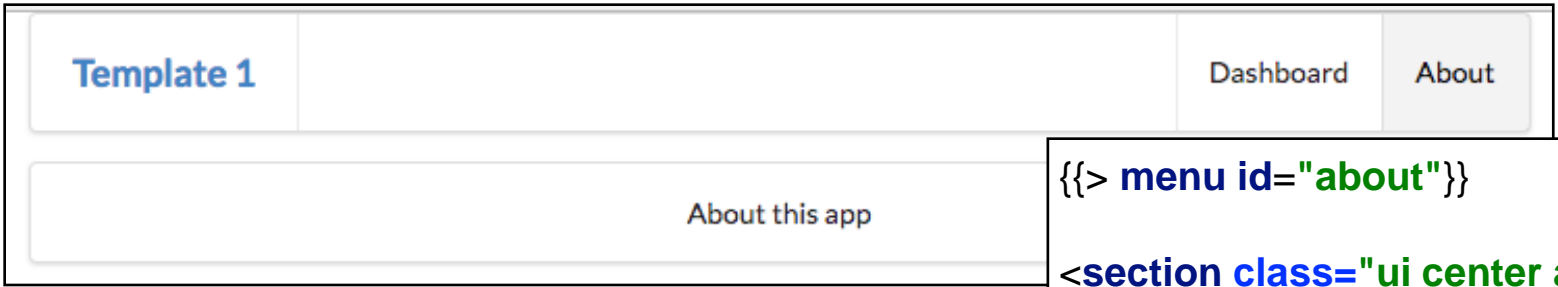
- View content will be inserted into {{{body}}}

- {{title}} can be replaced by view (more on this later)

Template 1   Dashboard | About

About this app

Front-End complete "Views"

front-end +

▣ **assets**
*views/*about.hbs
*views/*dashboard.hbs
*views/layouts/*main.hbs
*views/partials/*mainpanel.hbs
*views/partials/*menu.hbs
*views/*start.hbs

Template 1   Dashboard | About

Title for Dashboard Panel

To be replaced with content...

Template 1   Dashboard | About

Welcome to Template 1

To be replaced with content...

Front-End complete "Views"

Template 1   Dashboard   About

About this app

```
{{> menu id="about"}}

<section class="ui center aligned middle aligned segment">
  <p>
    About this app
  </p>
</section>
```
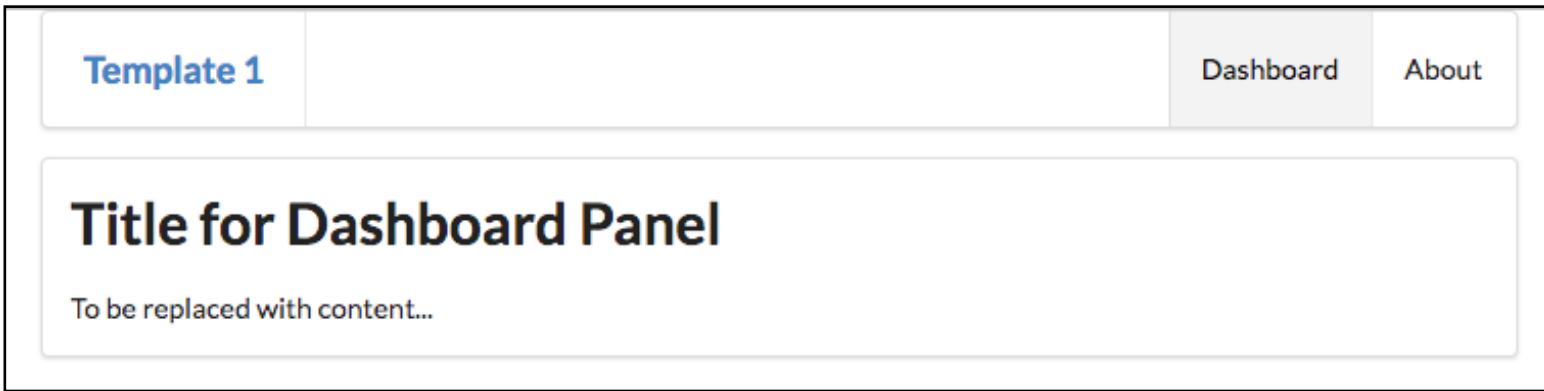
front-end +

📦 assets
views/about.hbs
views/dashboard.hbs
views/layouts/main.hbs
views/partials/mainpanel.hbs
views/partials/menu.hbs
views/start.hbs

Template 1   Dashboard   About

Title for Dashboard Panel

To be replaced with content...

```
{{> menu id="dashboard"}}

<section class="ui segment">
  {{> mainpanel}}
</section>
```

Template 1

Welcome to Template 1

To be replaced with content...
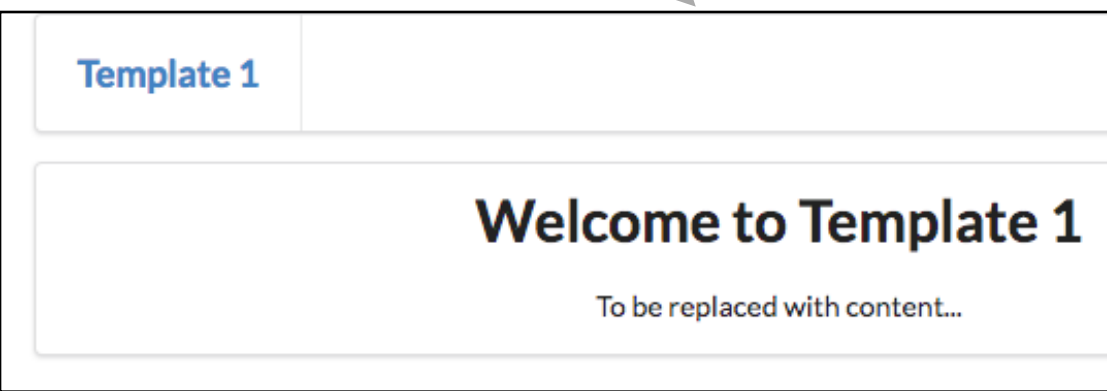
```
{{> menu}}

<section class="ui center aligned middle aligned segment">
  <h1 class="ui header">
    Welcome to Template 1
  </h1>
  <p>
    To be replaced with content...
  </p>
</section>
```
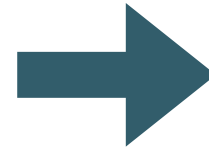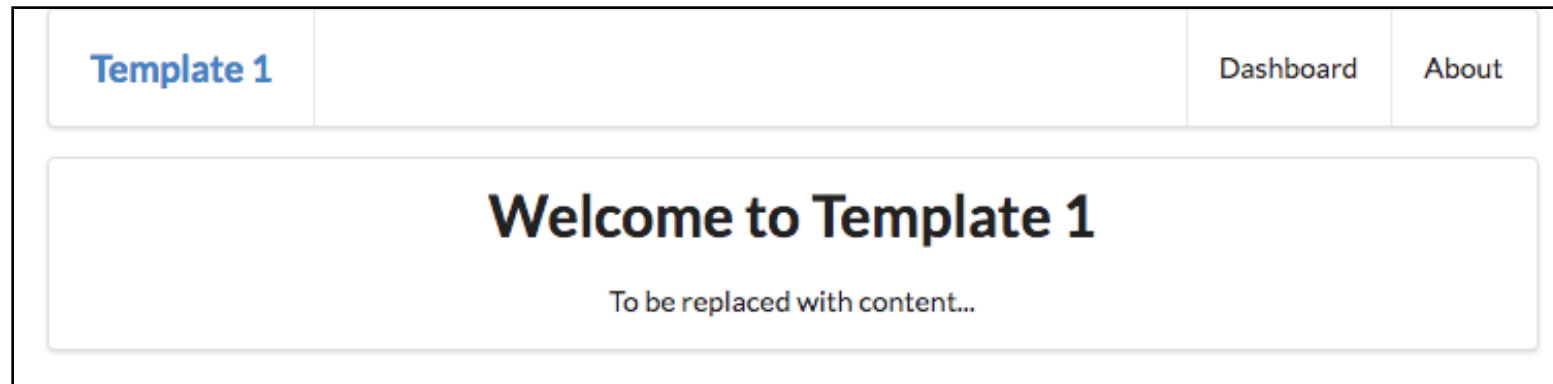
welcome

main.hbs defines structure for the full page →
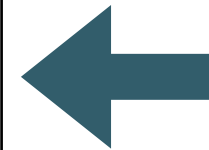
```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title> {{title}} </title>
    <meta charset="UTF-8">
    <script type="text/javascript" src="https://cdn
    <link rel="stylesheet" href="https://cdnjs.cloud
    <script type="text/javascript" src="https://cdn
    <link rel="stylesheet" type="text/css" href="/s
  </head>
  <body>
    <section class="ui container">
      {{{body}}}
    </section>
  </body>
</html>
```

| Template 1 | | Dashboard | About |

Welcome to Template 1

To be replaced with content...

```
{{> menu}}

<section class="ui center aligned middle aligned segment">
  <h1 class="ui header">
    Welcome to Template 1
  </h1>
  <p>
    To be replaced with content...
  </p>
</section>
```

start.hbs provides {{{body}}} for layout ←

{{> menu}} includes menu.hbs in view →

```
<nav class="ui menu">
  <header class="ui header item"> <a href="/"> Template 1 </a></header>
  <div class="right menu">
    <a id="dashboard" class="item" href="/dashboard"> Dashboard </a>
    <a id="about" class="item" href="/about"> About </a>
  </div>
</nav>

<script>
  $("#{{id}}").addClass("active item");
</script>
```
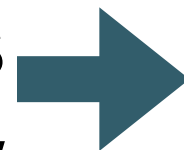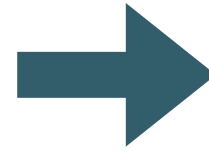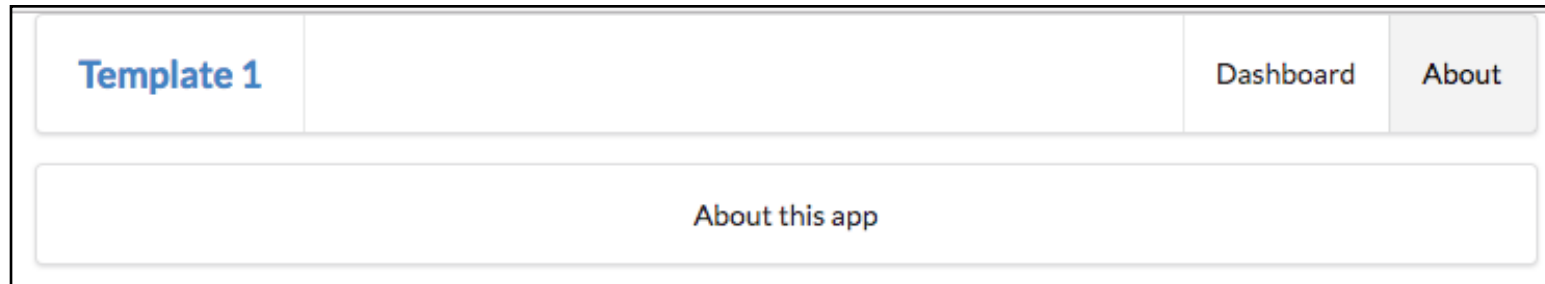
about

main.hbs defines structure for the full page ➡

```html
<!DOCTYPE html>
<html>
 <head>
  <meta charset="utf-8">
  <title> {{title}} </title>
  <meta charset="UTF-8">
  <script type="text/javascript" src="https://cdn
  <link rel="stylesheet" href="https://cdnjs.clou
  <script type="text/javascript" src="https://cdn
  <link rel="stylesheet" type="text/css" href="/s
 </head>
 <body>
  <section class="ui container">
   {{{body}}}
  </section>
 </body>
</html>
```
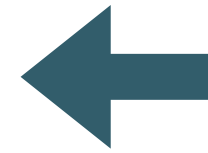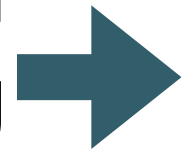
Template 1		Dashboard	About
	About this app		

```html
{{> menu id="about"}}

<section class="ui center aligned middle aligned segment">
 <p>
  About this app
 </p>
</section>
```

⬅ about.hbs provides {{{body}}} for layout

{{> menu id="about"}}

includes menu.hbs in view, marking 'about' as the active menu item ➡

```html
<nav class="ui menu">
 <header class="ui header item"> <a href="/"> Template 1 </a></header>
 <div class="right menu">
  <a id="dashboard" class="item" href="/dashboard"> Dashboard </a>
  <a id="about" class="item" href="/about"> About </a>
 </div>
</nav>

<script>
 $("#{{id}}").addClass("active item");
</script>
```

dashboard

menu.hbs

```
<nav class="ui menu">
  <header class="ui header item"> <a href="/"> Template 1 </a></header>
  <div class="right menu">
    <a id="dashboard" class="item" href="/dashboard"> Dashboard  </a>
    <a id="about" class="item" href="/about"> About </a>
  </div>
</nav>

<script>
  $("#{{id}}").addClass("active item");
</script>
```

main.hbs

```
<!DOCTYPE html>
<html>
  <head>
    <meta charset="utf-8">
    <title> {{title}} </title>
    <meta charset="UTF-8">
    <script type="text/javascript"
    <link rel="stylesheet" href="h
    <script type="text/javascript"
    <link rel="stylesheet" type="te
  </head>
  <body>
    <section class="ui container">
      {{{body}}}
    </section>
  </body>
</html>
```

mainpanel.hbs

```
<h1 class="ui header">
  Title for Dashboard Panel
</h1>
<p>
  To be replaced with content...
</p>
```
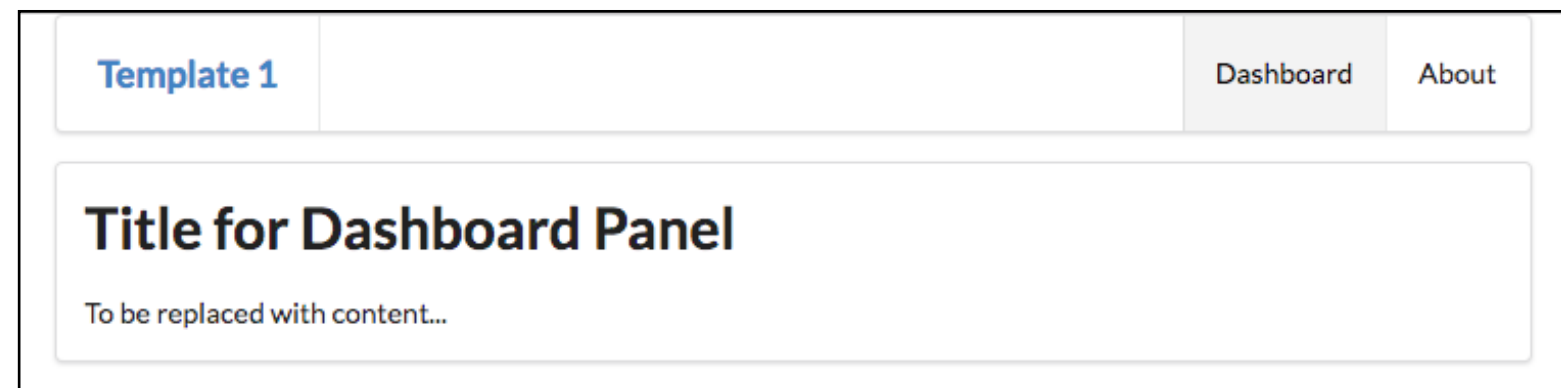
dashboard.hbs

```
{{> menu id="dashboard"}}

<section class="ui segment">
  {{> mainpanel}}
</section>
```

rendered view

4 separate files to generate single view

Template 1		Dashboard	About

Title for Dashboard Panel

To be replaced with content...

partials/menu.hbs

- Semantic-UI menu component

- header item + 2 menu items

  - Dashboard

  - About

- To be modified to reflect your apps menu structure

```
front-end  +
 assets
views/about.hbs
views/dashboard.hbs
views/layouts/main.hbs
views/partials/mainpanel.hbs
views/partials/menu.hbs
views/start.hbs
```

```html
<nav class="ui menu">
  <header class="ui header item"> <a href="/"> Template 1 </a></header>
  <div class="right menu">
    <a id="dashboard" class="item" href="/dashboard"> Dashboard </a>
    <a id="about" class="item" href="/about"> About </a>
  </div>
</nav>

<script>
  $("#{{id}}").addClass("active item");
</script>
```

- Script to dynamically change the 'active' menu item

Template 1		Dashboard	About

partials/mainpanel.hbs

- Simple 'partial' used by **dashboard** view.

- To be replaced with app specific content

front-end +

```
 assets
views/about.hbs
views/dashboard.hbs
views/layouts/main.hbs
views/partials/mainpanel.hbs
views/partials/menu.hbs
views/start.hbs
```

```html
<h1 class="ui header">
  Title for Dashboard Panel
</h1>
<p>
  To be replaced with content...
</p>
```

Title for Dashboard Panel

To be replaced with content...

Front-end

front-end +

assets

*views/*about.hbs

*views/*dashboard.hbs

*views/layouts/*main.hbs

*views/partials/*mainpanel.hbs

*views/partials/*menu.hbs

*views/*start.hbs