Front End
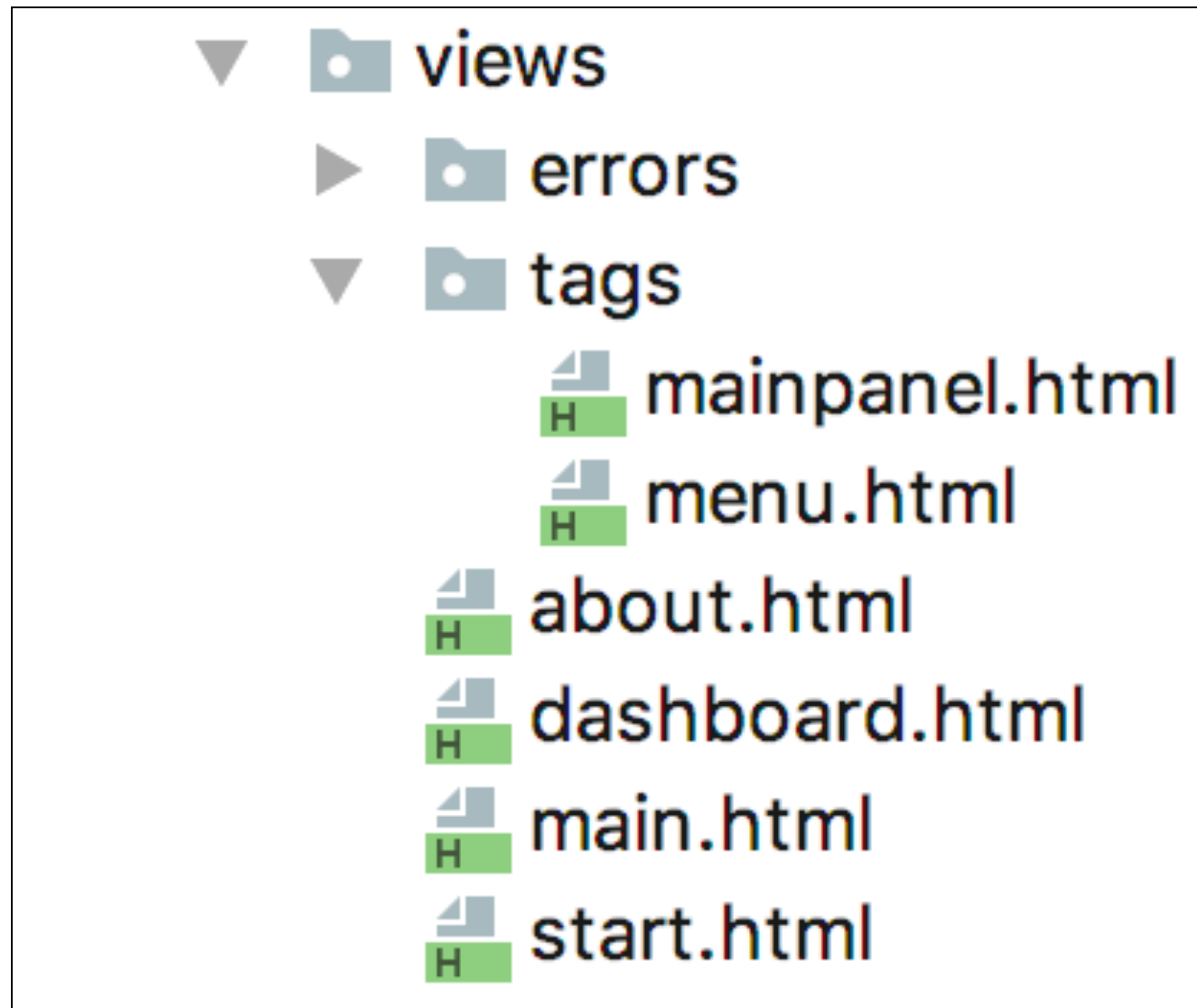
Front-end


```
▼  📁 views
   ▶  📁 errors
   ▼  📁 tags
         📄 mainpanel.html
         📄 menu.html
      📄 about.html
      📄 dashboard.html
      📄 main.html
      📄 start.html
```
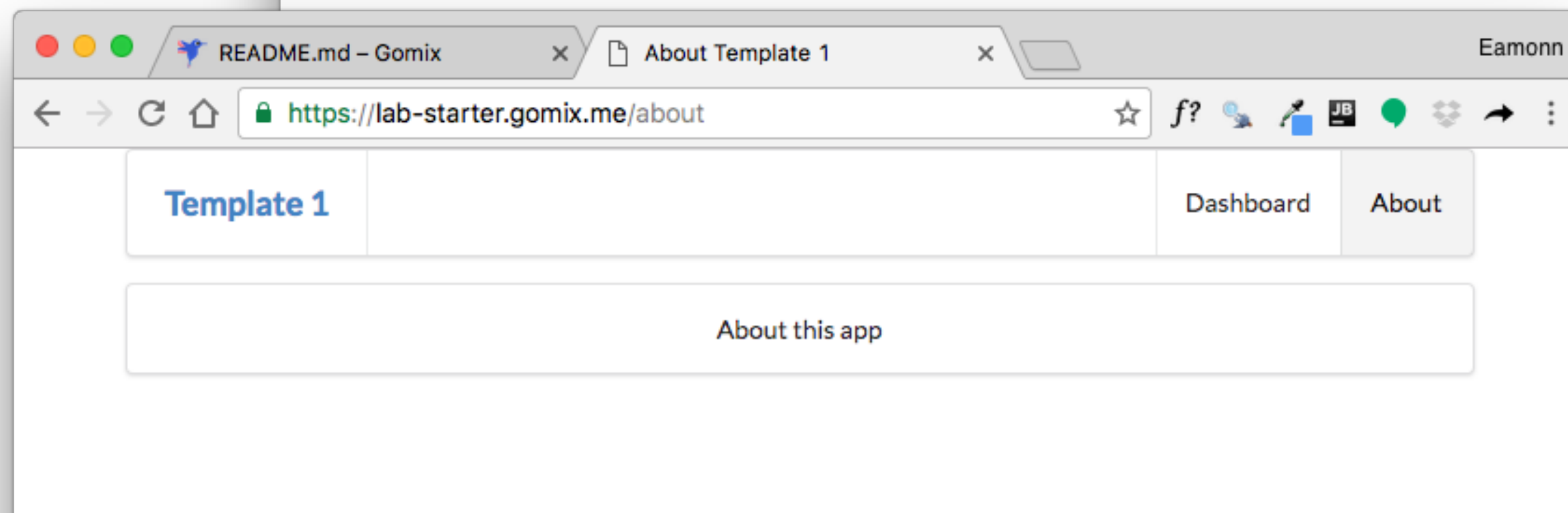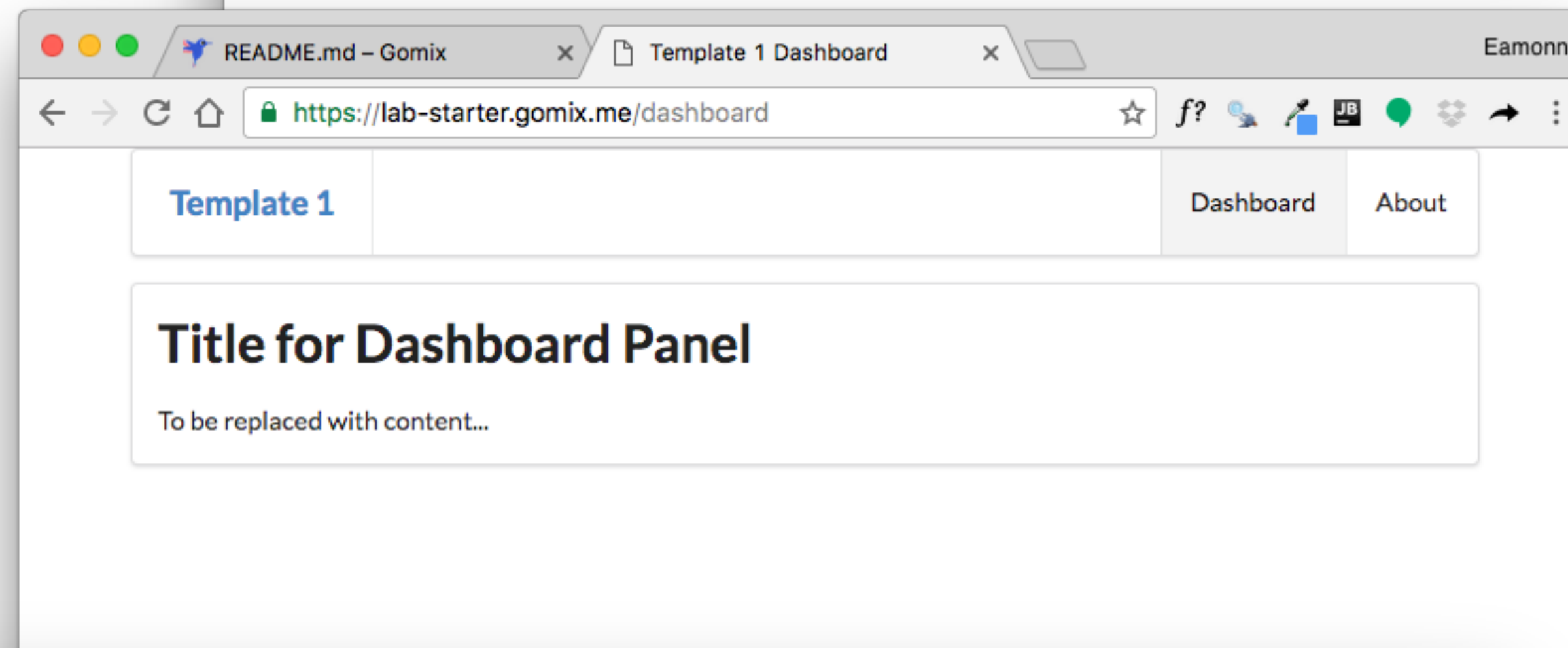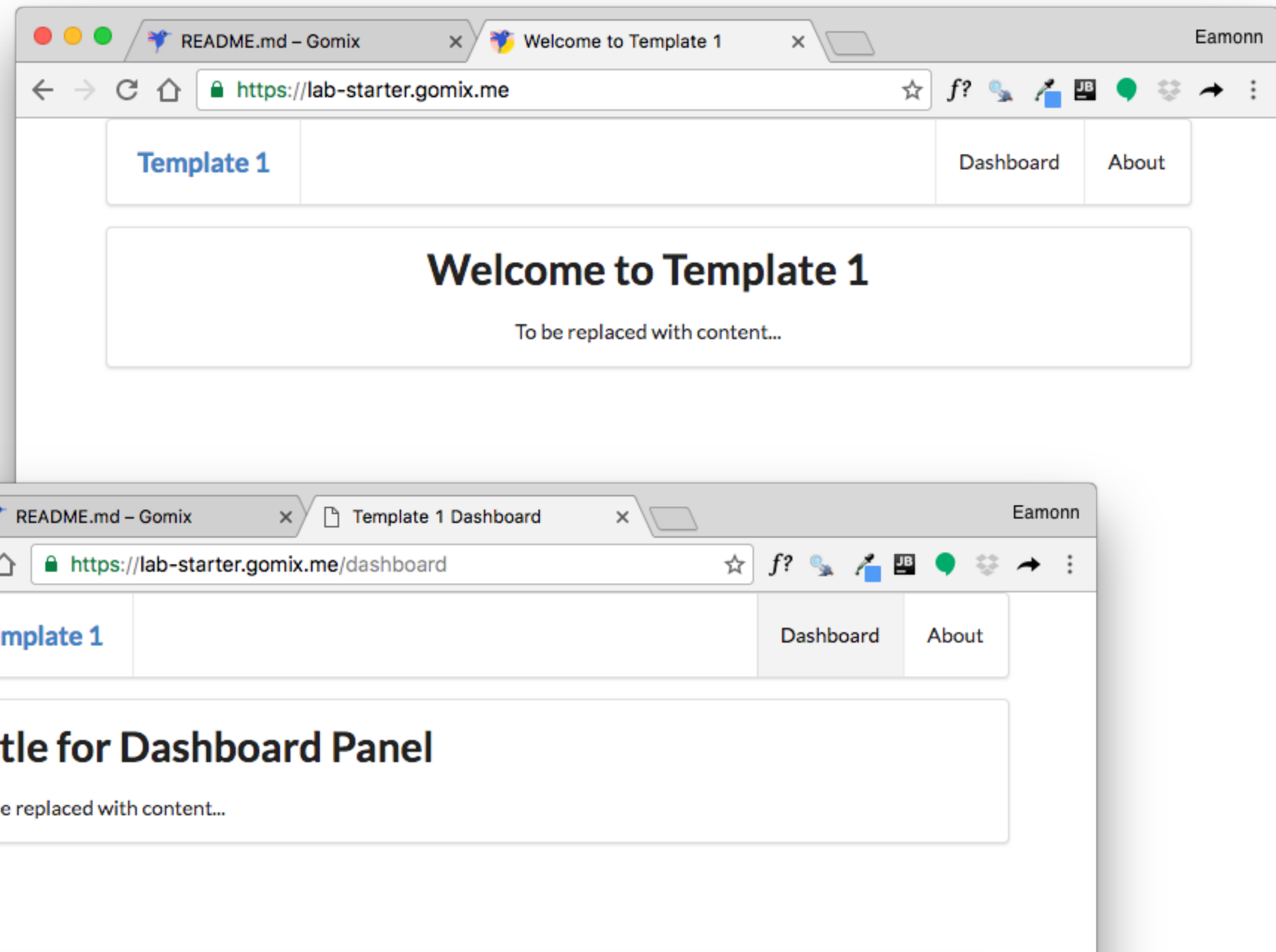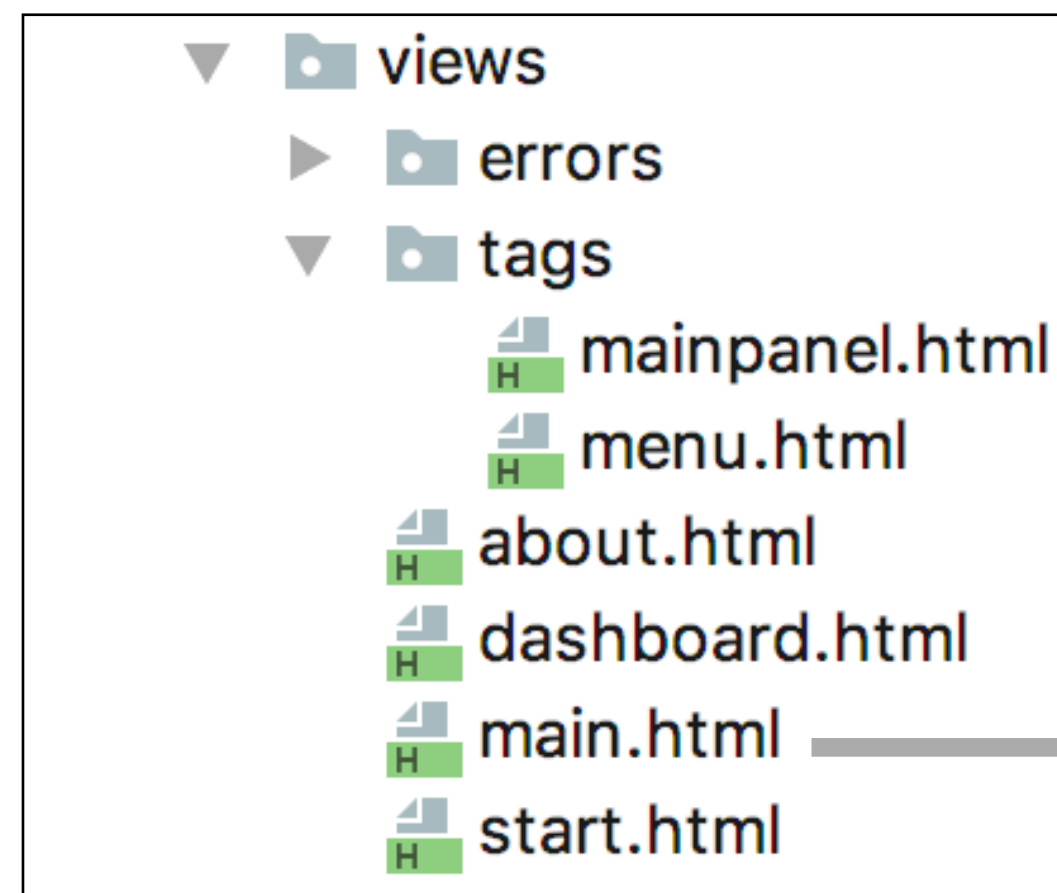
- All written in HTML + templating

- Templating language supports:

  - **Layouts**

  - **Partials**

  - **Views**

- These are similar to EJS equivalents

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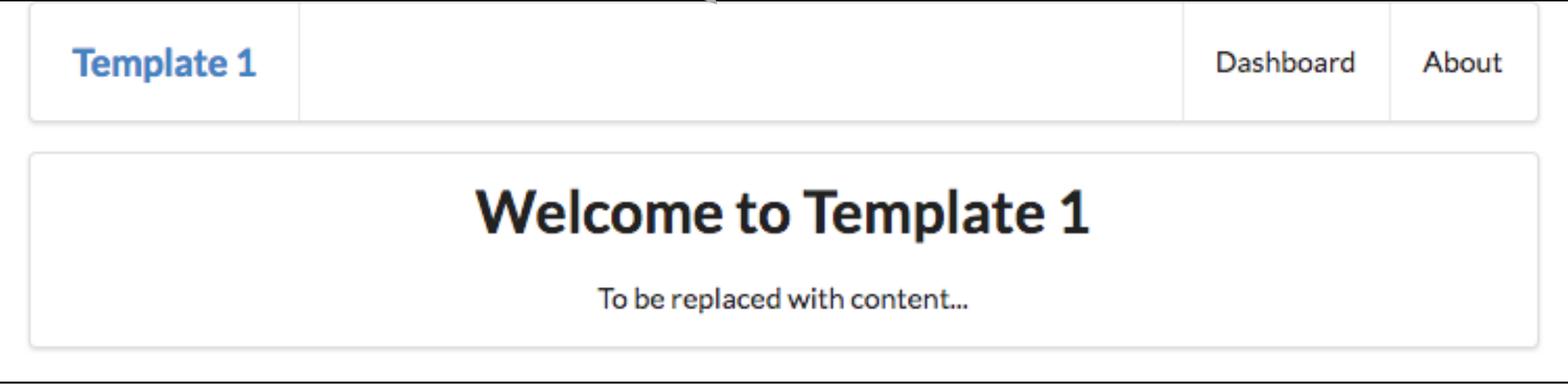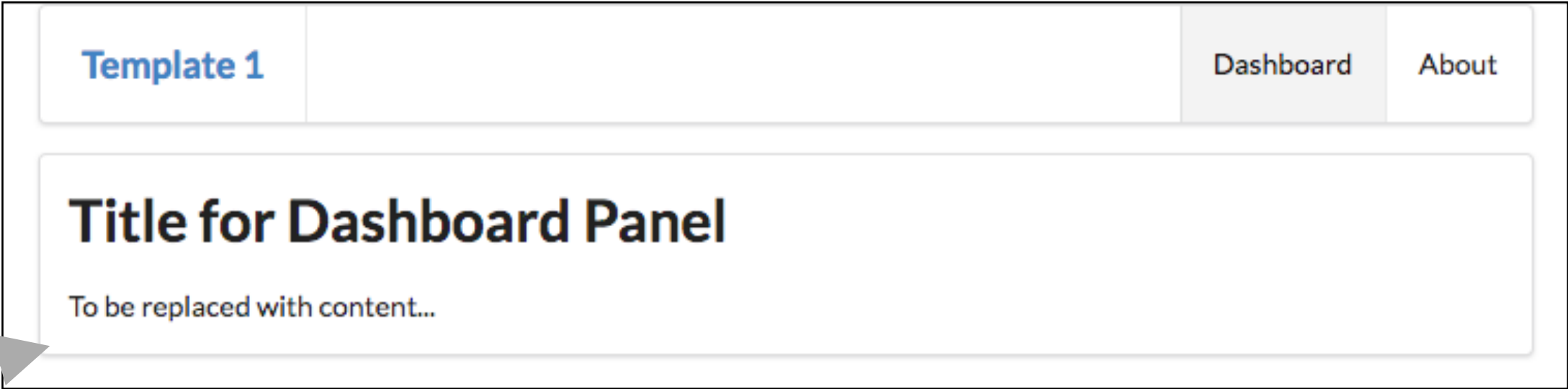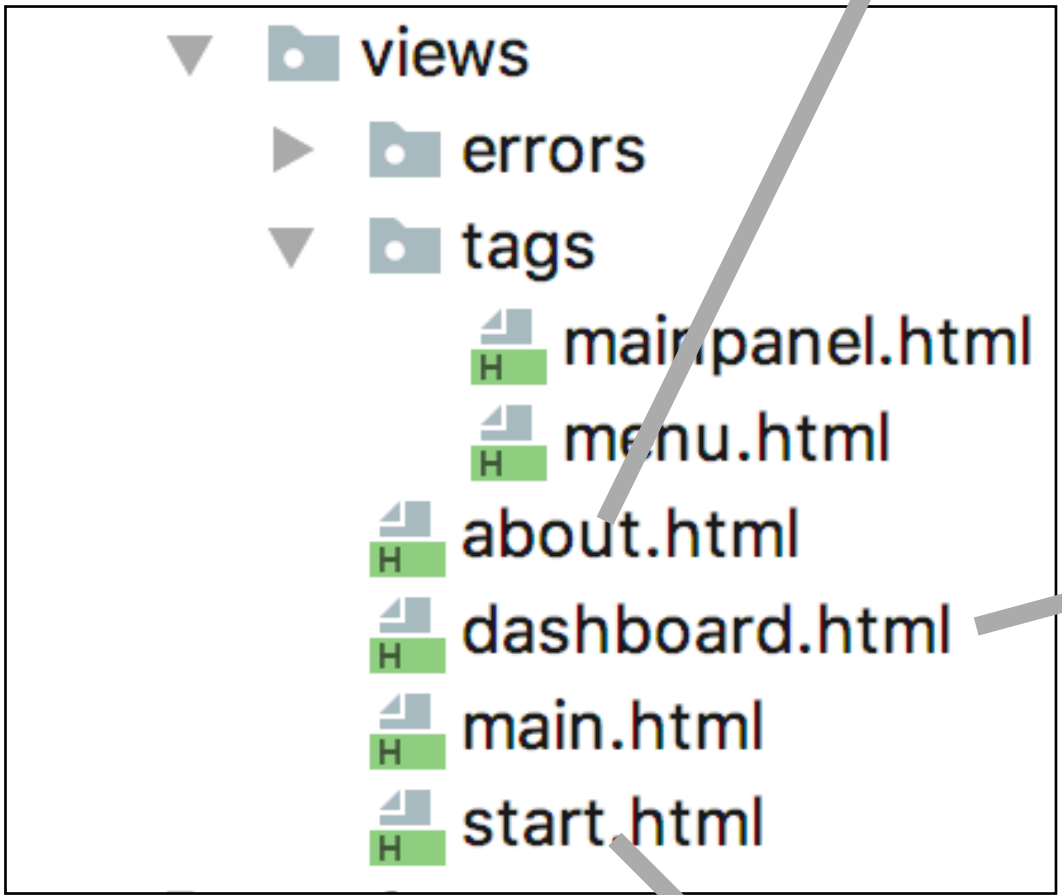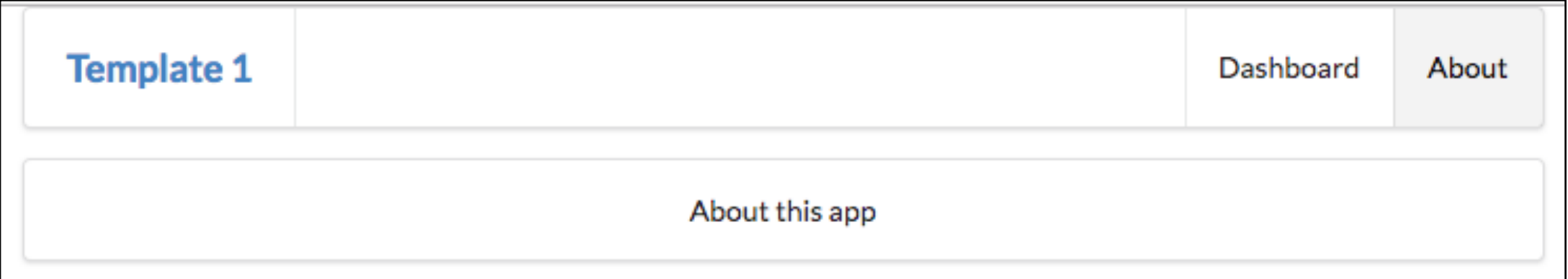
  - Start

  - Dashboard

  - About

main.html

- All views will be based on structure laid down in **app/views/main.html**

- Includes Semantic-UI CSS library

```
▼ 📁 views
  ▶ 📁 errors
  ▼ 📁 tags
        🔲 mainpanel.html
        🔲 menu.html
     🔲 about.html
     🔲 dashboard.html
     🔲 main.html
     🔲 start.html
```

```html
<!DOCTYPE html>
<html>
  <head>
    <title>#{get 'title' /}</title>
    <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/jquery/3
    <script type="text/javascript" src="https://cdnjs.cloudflare.com/ajax/libs/semantic
    <link type="text/css"  href="https://cdnjs.cloudflare.com/ajax/libs/semantic-ui/2.2
  </head>
  <body>
    <section class="ui container">
     #{doLayout /}
    </section>
  </body>
</html>
```

- View content will be inserted into #{doLayout /}

- (equivalent to **yield** in EJS)

- title can be replaced by view (more on this later)
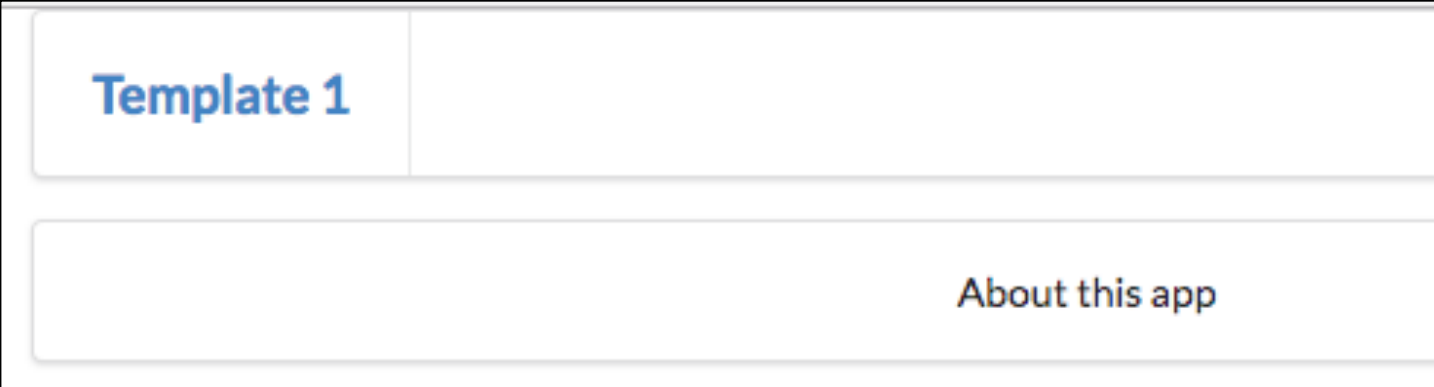
4

Template 1 Dashboard About

About this app

▼ 📁 views
　▶ 📁 errors
　▼ 📁 tags
　　　📄 mainpanel.html
　　　📄 menu.html
　　📄 about.html
　　📄 dashboard.html
　　📄 main.html
　　📄 start.html

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...

Template 1

About this app
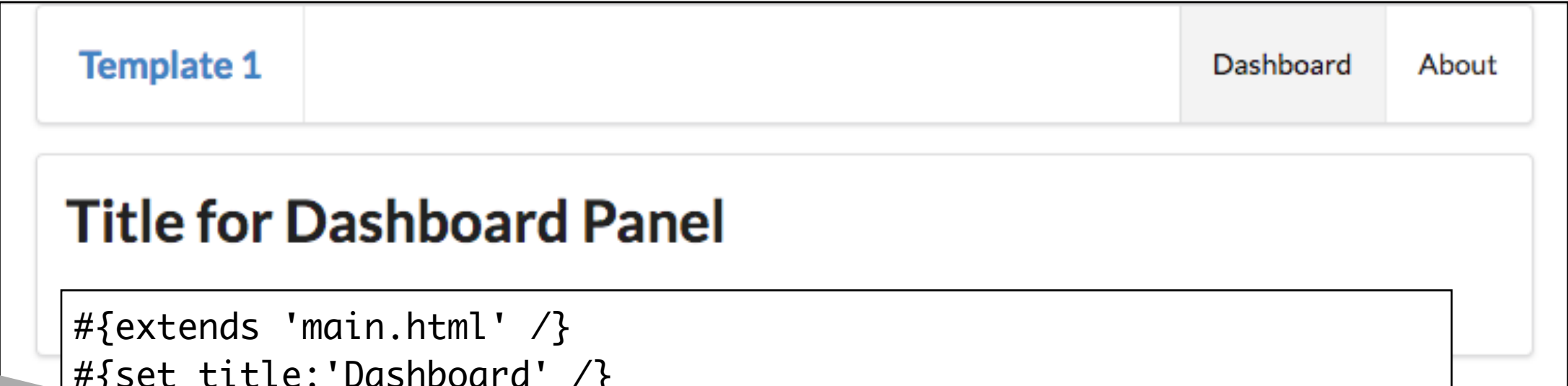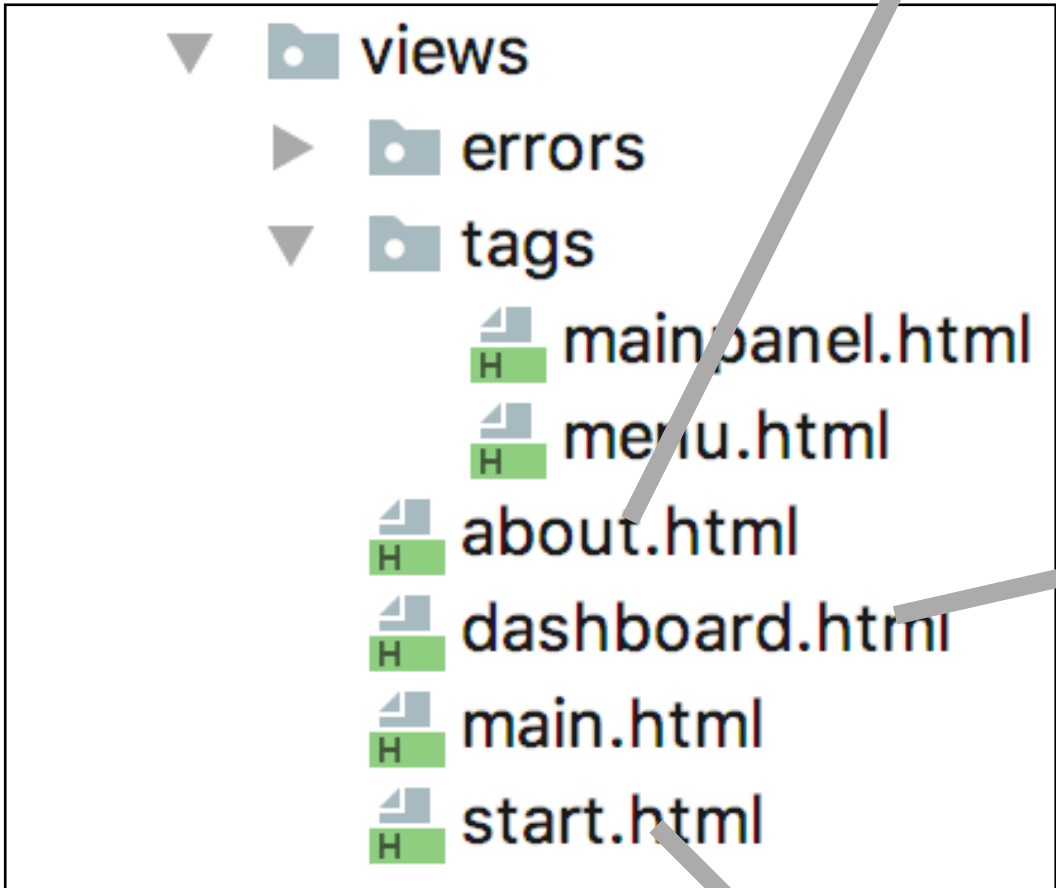
```
#{extends 'main.html' /}
#{set title:'About' /}

#{menu id:"about"/}

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

Template 1   Dashboard   About
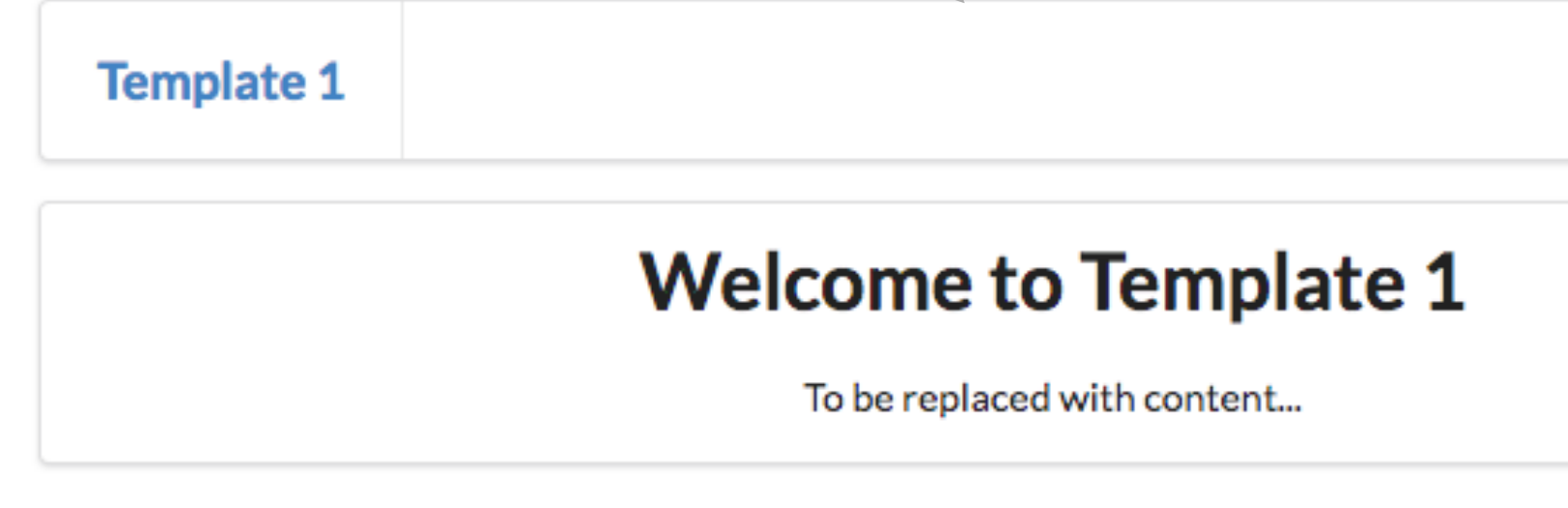
Title for Dashboard Panel

```
#{extends 'main.html' /}
#{set title:'Dashboard' /}

#{menu id:"dashboard"/}

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

▼ 📁 views
   ▶ 📁 errors
   ▼ 📁 tags
        📄 mainpanel.html
        📄 menu.html
   📄 about.html
   📄 dashboard.html
   📄 main.html
   📄 start.html

Template 1

Welcome to Template 1

To be replaced with content...

```
#{extends 'main.html' /}
#{set title:'About' /}

#{menu id:"start"/}

<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>
```
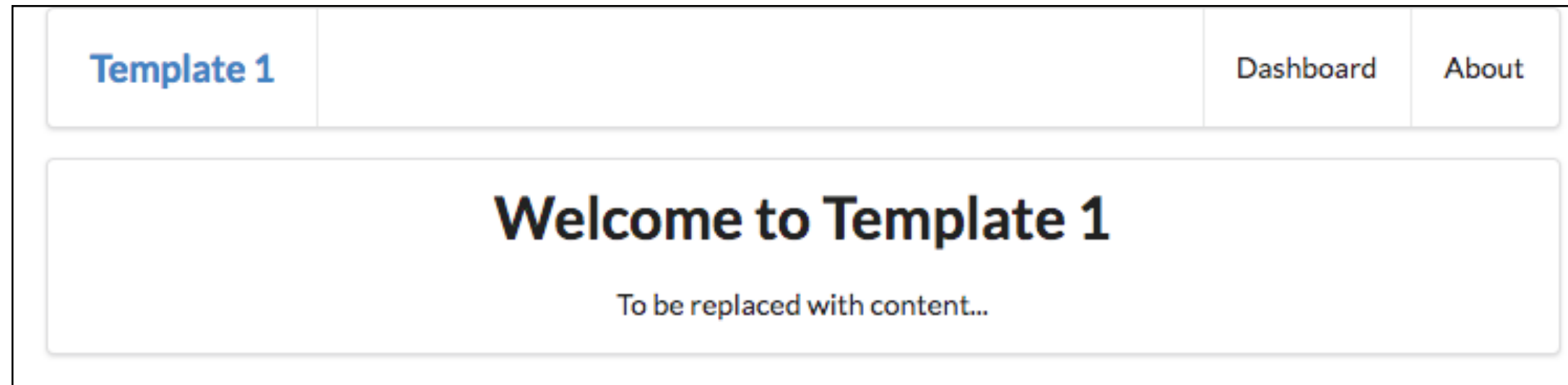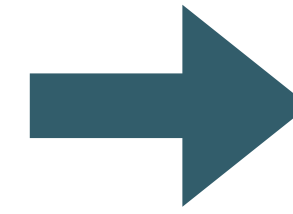
welcome

main.html defines
structure for the full page ➡

```html
<!DOCTYPE html>
<html>
  <head>
    <title>#{get 'title' /}</title>
    <script type="text/javascript" src="https://cdnjs.cloudflare.c
    <script type="text/javascript" src="https://cdnjs.cloudflare.c
    <link type="text/css"  href="https://cdnjs.cloudflare.com/ajax/
  </head>
  <body>
    <section class="ui container">
      #{doLayout /}
    </section>
  </body>
</html>
```

Template 1   Dashboard   About

Welcome to Template 1

To be replaced with content...

```html
#{extends 'main.html' /}
#{set title:'About' /}

#{menu id:"start"/}

<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>
```
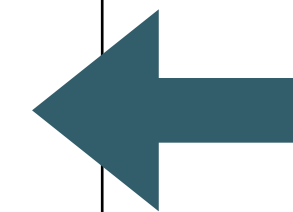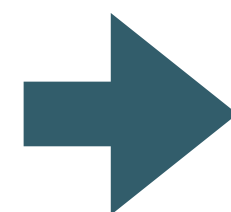
welcome.html provides
#{doLayout /} for main ⬅

#{menu id:"start"/}
includes
menu.html in
view ➡

```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>
```
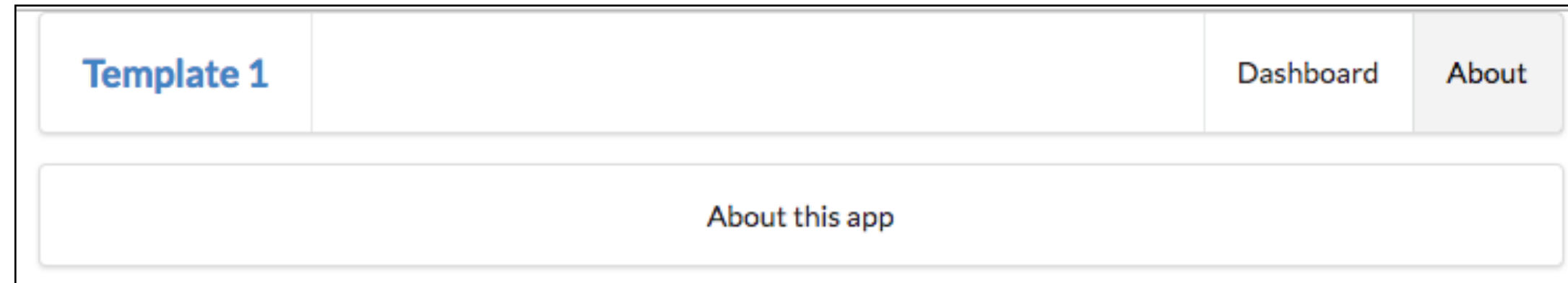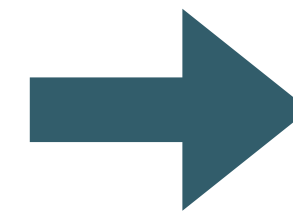
about

main.html defines structure for the full page ➡

```html
<!DOCTYPE html>
<html>
  <head>
    <title>#{get 'title' /}</title>
    <script type="text/javascript" src="https://cdnjs.cloudflare.c
    <script type="text/javascript" src="https://cdnjs.cloudflare.c
    <link type="text/css"  href="https://cdnjs.cloudflare.com/ajax
  </head>
  <body>
    <section class="ui container">
      #{doLayout /}
    </section>
  </body>
</html>
```
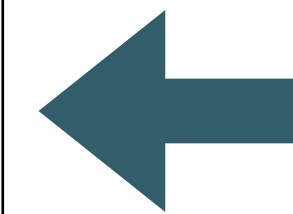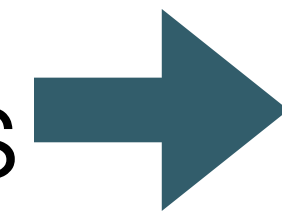
Template 1		Dashboard	About
	About this app		

```
#{extends 'main.html' /}
#{set title:'About' /}

#{menu id:"about"/}

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

⬅ about.html provides #{doLayout /} for main

#{menu id:"start"/}
includes menu.html in view ➡

```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.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>
```

main.html

```
<!DOCTYPE html>
<html>
  <head>
    <title>#{get 'title' /}</title>
    <script type="text/javascript" src="https://cdnjs.cloudfl
    <script type="text/javascript" src="https://cdnjs.cloudfl
    <link type="text/css"  href="https://cdnjs.cloudflare.com
  </head>
  <body>
    <section class="ui container">
      #{doLayout /}
    </section>
  </body>
</html>
```

mainpanel.html

```
<segment class="ui rasied segmemnt">
  <h1 class="ui headder">
    Title for Dashboard Panel
  </h1>
  <p>
    To be replaced with content...
  </p>
</segment>
```
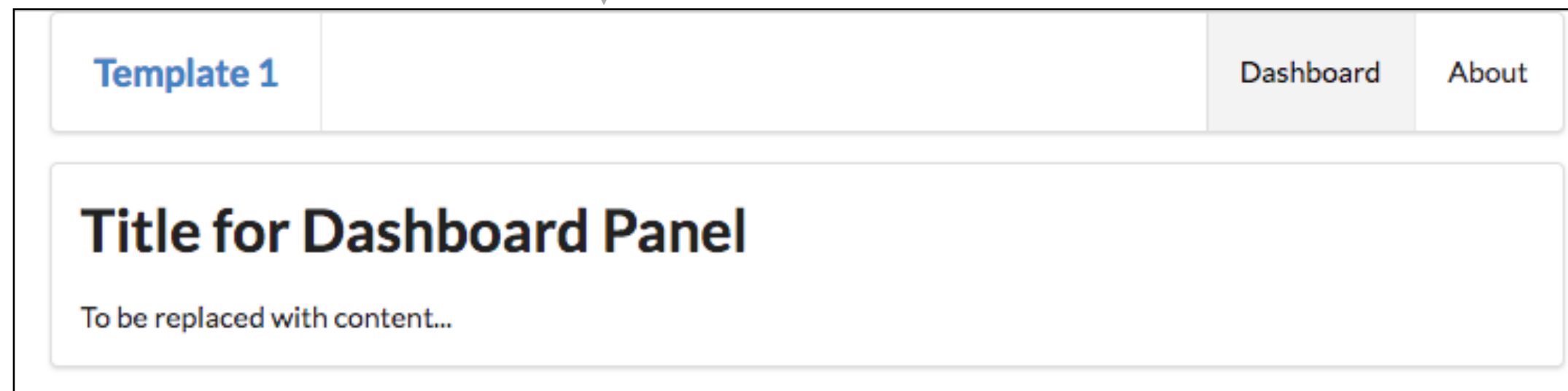
dashboard.html

```
#{extends 'main.html' /}
#{set title:'Dashboard' /}

#{menu id:"dashboard"/}

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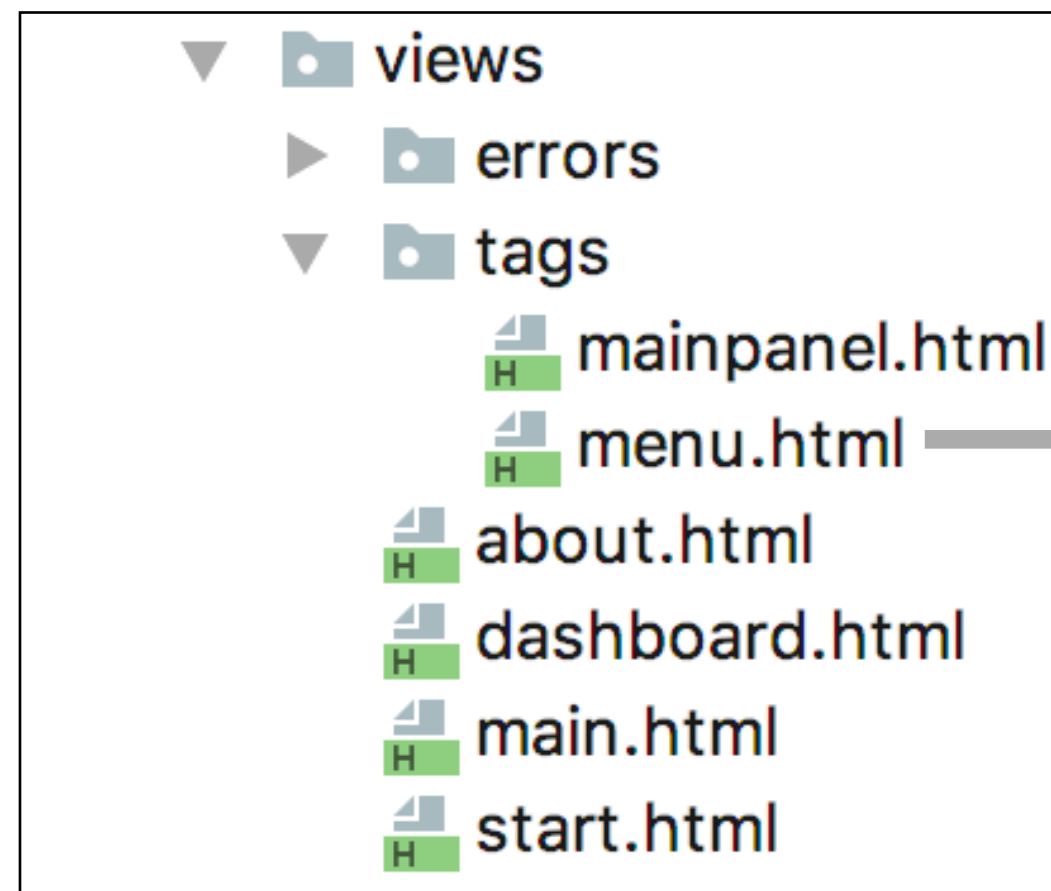
rendered view

| Template 1 | | Dashboard | About |

Title for Dashboard Panel

To be replaced with content...

4 separate files to generate single view

tags/menu.html
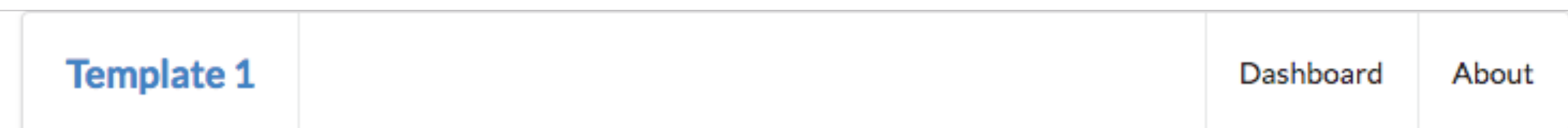
- Semantic-UI menu component

- header item + 2 menu items

  - Dashboard

  - About

- To be modified to reflect your apps menu structure

```
▼ 📁 views
  ▶ 📁 errors
  ▼ 📁 tags
      📄 mainpanel.html
      📄 menu.html
  📄 about.html
  📄 dashboard.html
  📄 main.html
  📄 start.html
```

```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>
```
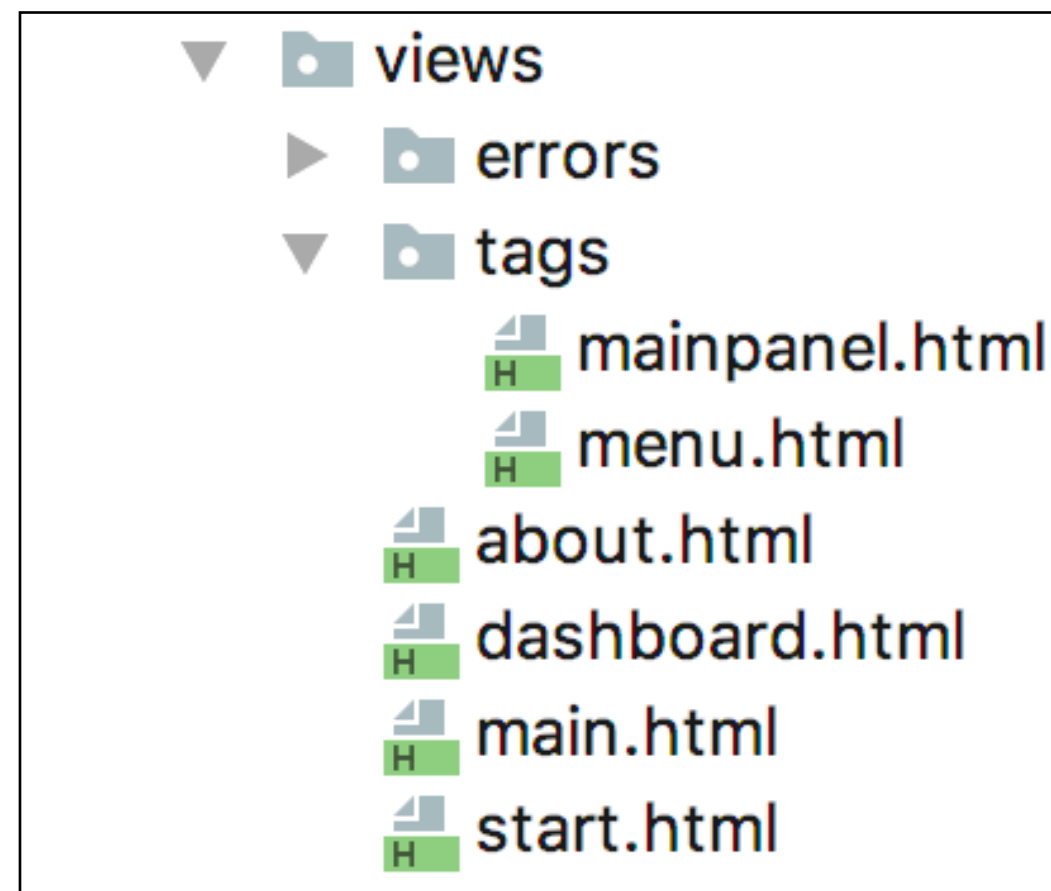
- Script to dynamically change the 'active' menu item

| Template 1 | | Dashboard | About |

tags/mainpanel.html

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

- To be replaced with app specific content

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


Title for Dashboard Panel

To be replaced with content...

Front-end