

Gomark V1

Gomark V1 Views

View 1 - Welcome

View 2 - Bookmarks

View 3 - About

Gomark V1: View 1 - Welcome

Contains an outline of the purpose of the app in a short passage of text

Gomark V1: View 2 - Bookmarks

- A static list of bookmarks, divided into three categories:
 - HTML Learning Resources
 - CSS Learning Resources
 - Javascript Learning Resources
- Each of these contains a small set (3 or 4) of links to web sites of interest in these categories
- Each link consists of:
 - title: an appropriate title for the link
 - link: the actual url for the link
- Clicking on the link will open the url in a new browser window

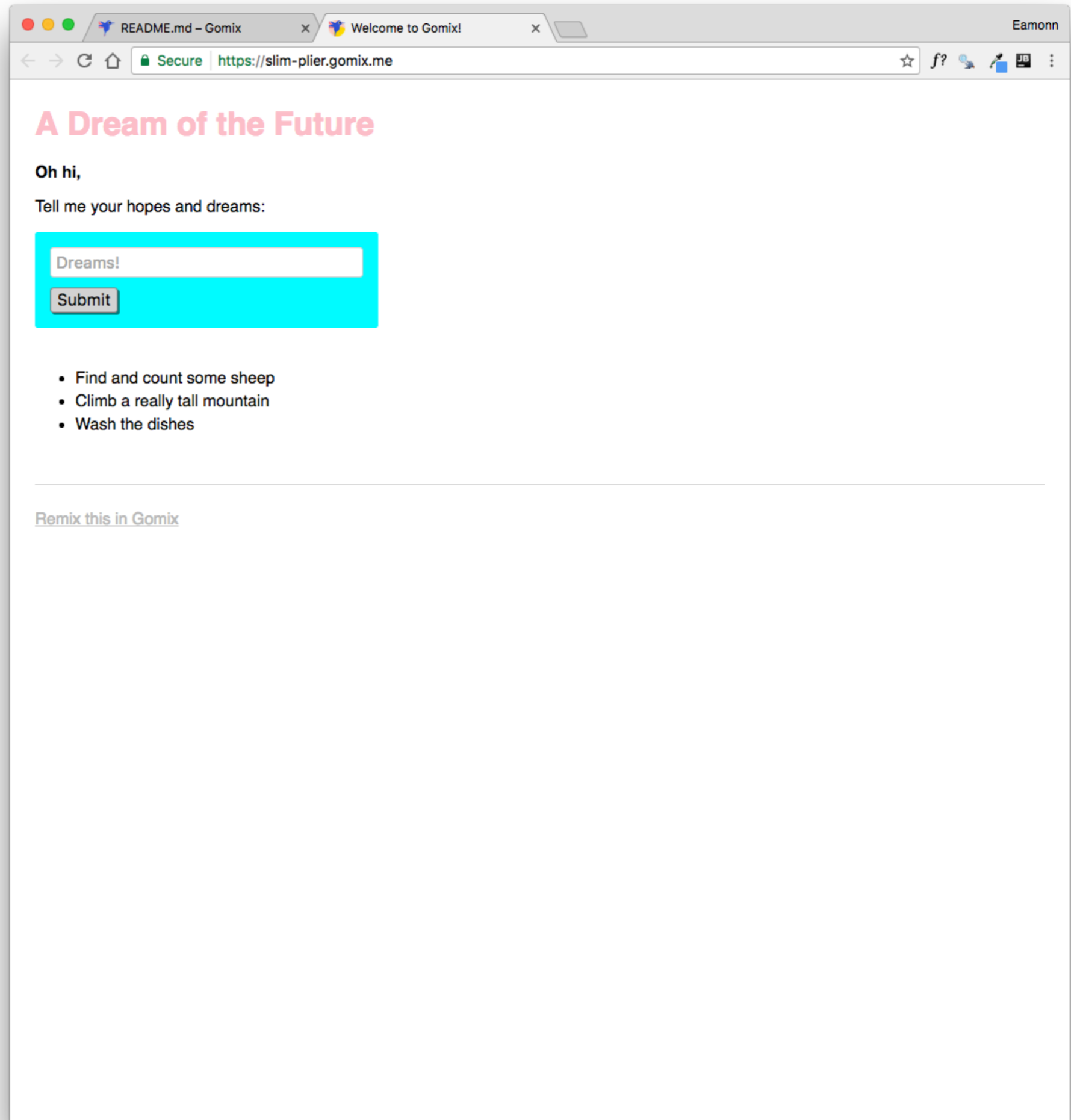
Gomark V1: View 3 - About

Contact details for the author of the app (these can be fictitious company or person).

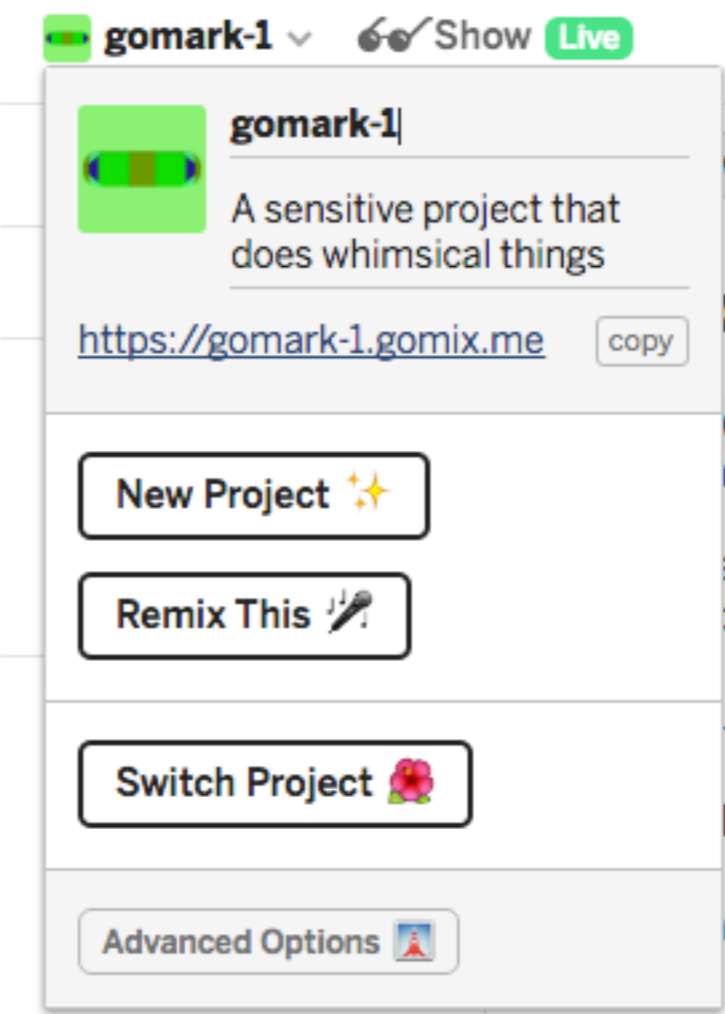
Create new Project

The screenshot shows a web browser window with two tabs: 'README.md - Gomix' and 'Welcome to Gomix!'. The address bar shows the URL 'https://gomix.com/#!/project/slim-plier'. The page header includes the project name 'slim-plier', a 'Show Live' button, and a search bar. A sidebar on the left contains a 'Share' button, a 'Logs' button, and two file explorer sections: 'back-end +' with files '.env', 'package.json', 'README.md' (selected), and 'server.js'; and 'front-end +' with folders 'assets', 'public/' containing 'client.js' and 'style.css', and 'views/' containing 'index.html'. The main content area features a 'Markdown' toggle and a heart icon. The text reads: 'Welcome to the Gomix BETA', 'Click Show in the header to see your app live. Updates to your code will instantly deploy and update live.', 'Gomix is a developer playground that lets you code a real web-app without the slow setup and deployment steps.', 'About Gomix', 'Your Project', 'On the back-end, your app starts at server.js, add frameworks and packages in package.json, safely store app secrets in .env', 'On the front-end, edit client.js, style.css and index.html, drag in assets, like images or music, to add them to your project', 'Made by Fog Creek', and a smiley face '\^ o^)/'. At the bottom, an 'Activity Log' section shows a message: 'Your app is listening on port 3000' from 'a few seconds ago' at '10:35 AM'.

Run Project



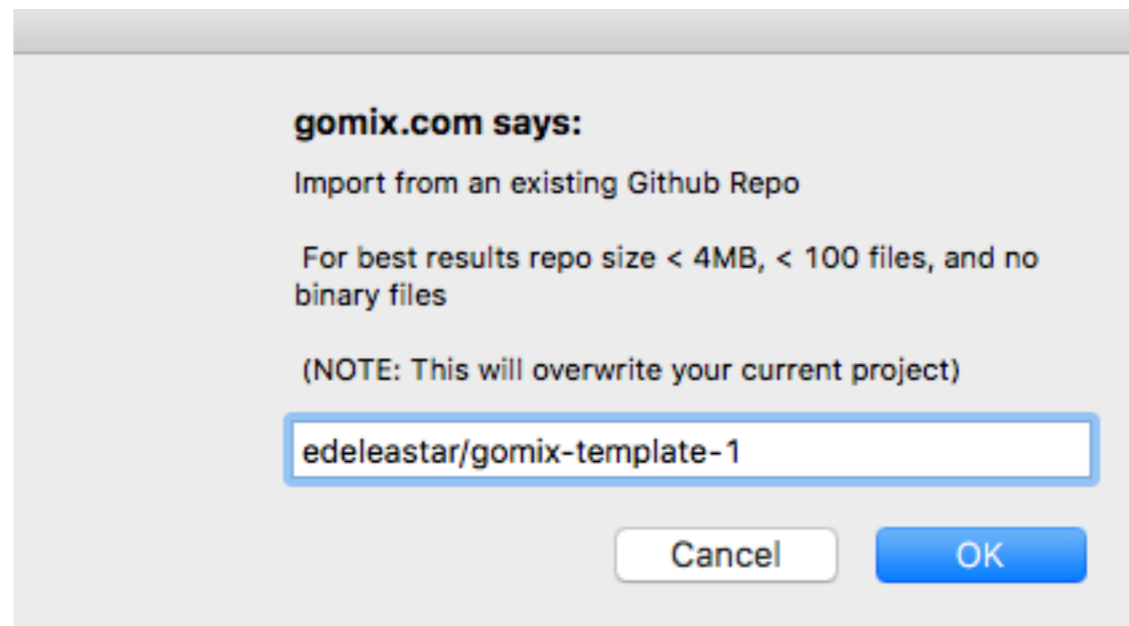
Rename the app to something more appropriate (perhaps use your initials in the name to keep it unique):



The screenshot shows a web application interface. At the top, there is a dropdown menu for a project named "gomark-1" with a green status indicator and a "Show Live" button. Below this, a dropdown menu is open, displaying the project name "gomark-1" and a description: "A sensitive project that does whimsical things". A URL "https://gomark-1.gomix.me" is shown with a "copy" button. The menu also contains four options: "New Project" with a star icon, "Remix This" with a pencil icon, "Switch Project" with a flower icon, and "Advanced Options" with a gear icon. In the background, there is a "Home to the" heading and a list of items, including "your app starts at s", "add frameworks and", and "safely store app sec".

- your app starts at s
- add frameworks and
- safely store app sec

Now, replace the project with our starter template by selecting the Import from Github option and importing the edeleastar/gomix-template-1 repo:



README.md - Gomix x Welcome to Template 1 x Eamonn

Secure https://gomix.com/#!/project/gomark-1

gomark-1 Show Live

Share Markdown

Logs

back-end +

- .env
- .gitignore
- .jscsrc
- controllers/about.js
- controllers/dashboard.js
- controllers/start.js
- package.json
- README.md**
- routes.js
- server.js
- utils/logger.js

front-end +

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

```
1 Welcome to the Gomix Template 1
2 =====
3
4 A starter project for learning Gomix.
5
6 This is an Express.js project, designed to work well with the Gomix development
7 environment. It includes basic express setup, templating, routing and session
  support.
```

Beta

Welcome to Template 1
To be replaced with content...

Title for Dashboard Panel
To be replaced with content...

About this app

Gomark V1: View 1 - Welcome

Contains an outline of the purpose of the app in a short passage of text

```
{{> menu}}  
  
<section class="ui center aligned middle aligned segment">  
  <h1 class="ui header">  
    Welcome to Gomark 1  
  </h1>  
  <p>  
    This app enable you to manage your bookmarks. You can  
    organise them into categories and share them with your friends  
    and colleagues.  
  </p>  
</section>
```

[Template 1](#)

[Dashboard](#)

[About](#)

Welcome to Gomark 1

This app enable you to manage your bookmarks. You can organise them into categories and share them with your friends and colleagues.

Instead of entering the text in the template, we could modify the controller to pass the text to the view. This is the current start controller:

```
'use strict';

const logger = require('../utils/logger');

const start = {
  index(request, response) {
    logger.info('start rendering');
    const viewData = {
      title: 'Welcome to Gomark 1',
      description: 'This app enable you to manage your
                  bookmarks. You can organise them into
                  categories and share them with your
                  friends and colleagues.',
    };
    response.render('start', viewData);
  },
};

module.exports = start;
```

```
{{> menu}}

<section class="ui center aligned middle aligned segment">
  <h1 class="ui header">
    {{ title }}
  </h1>
  <p>
    {{ description }}
  </p>
</section>
```

Gomark V1: View 2 - Bookmarks

- A static list of bookmarks, divided into three categories:
 - HTML Learning Resources
 - CSS Learning Resources
 - Javascript Learning Resources
- Each of these contains a small set (3 or 4) of links to web sites of interest in these categories
- Each link consists of:
 - title: an appropriate title for the link
 - link: the actual url for the link
- Clicking on the link will open the url in a new browser window

HTML Learning Resources

Title	Link
Sitepoint	https://www.sitepoint.com/html-css/
Google HTML Style Guide	https://google.github.io/styleguide/htmlcssguide.xml
Front End Focus	http://frontendfocus.co/issues

CSS Learning Resources

Title	Link
W3C Learn CSS	https://www.w3.org/Style/CSS/learning
Flexbox	https://css-tricks.com/snippets/css/a-guide-to-flexbox/
Grid	https://css-tricks.com/snippets/css/complete-guide-grid/

Javascript Learning Resources

Title	Link
Eloquent Javascript	http://eloquentjavascript.net/
Free Code Camp	https://www.freecodecamp.com/
Javascript Weekly	http://javascriptweekly.com/issues


```

{{> menu id="dashboard"}}

<section class="ui segment">

  <h2 class="ui header">
    HTML Learning Resources
  </h2>
  <table class="ui fixed table">
    <thead>
      <tr>
        <th>Title</th>
        <th>Link</th>
      </tr>
    </thead>
    <tbody>
      <tr>
        <td>
          Sitepoint
        </td>
        <td>
          <a href="https://www.sitepoint.com/html-css/"> https://www.sitepoint.com/html-css/</a>
        </td>
      </tr>
      <tr>
        <td>
          Google HTML Style Guide
        </td>
        <td>
          <a href="https://google.github.io/styleguide/htmlcssguide.xml"> https://google.github.io/styleguide/htmlcssguide.xml</a>
        </td>
      </tr>
      <tr>
        <td>
          Front End Focus
        </td>
        <td>
          <a href="http://frontendfocus.co/issues"> http://frontendfocus.co/issues</a>
        </td>
      </tr>
    </tbody>
  </table>
  <td>
    <a href="https://www.freecodecamp.com/"> https://www.freecodecamp.com/</a>
  </td>
</tr>
<tr>
  <td>
    Javascript Weekly
  </td>
  <td>
    <a href="http://javascriptweekly.com/issues"> http://javascriptweekly.com/issues</a>
  </td>
</tr>
</tbody>

```

We could simply revise dashboard.hbs to include the links directly:

The bookmarks are more efficiently stored in JSON format. Create a new file in a models folder called bookmark-store.json:

```
{
  "bookmarklistCollection": [
    {
      "id": "01",
      "title": "HTML Learning Resources",
      "bookmarks": [
        {
          "id": "04",
          "title": "Sitepoint",
          "link": "https://www.sitepoint.com/html-css/"
        },
        {
          "id": "05",
          "title": "Google HTML Style Guide",
          "link": "https://google.github.io/styleguide/htmlcssguide.xml"
        },
        {
          "id": "06",
          "title": "Front End Focus",
          "link": "http://frontendfocus.co/issues"
        }
      ]
    },
    {
      "id": "02",
      "title": "CSS Learning Resources",
      "bookmarks": [
        {
          "id": "07",
          "title": "W3C Learn CSS",
          "link": "https://www.w3.org/Style/CSS/learning"
        },
        {
          "id": "08",
          "title": "Flexbox",
          "link": "https://css-tricks.com/snippets/css/a-guide-to-flexbox/"
        },
        {
          "id": "09",
          "title": "Grid",
          "link": "https://css-tricks.com/snippets/css/complete-guide-grid/"
        }
      ]
    },
    {
      "id": "03",
      "title": "Javascript Learning Resources",
      "bookmarks": [
        {
          "id": "10",
          "title": "Eloquent Javascript",
          "link": "http://eloquentjavascript.net/"
        }
      ]
    }
  ]
}
```

We need another module to load these bookmarks:

bookmarklist-store.js

```
'use strict';  
  
const bookmarklistCollection = require('./bookmarklist-store.json').bookmarklistCollection;  
  
module.exports = bookmarklistCollection;
```

This will read the bookmarks from the json file, and "export" them to any other module that is interested in using them.

In the dashboard controller, we import the bookmarks exported above, and insert them into the `viewData` object:

```
'use strict';

const logger = require('../utils/logger');
const bookmarklistCollection = require('../models/bookmarklist-store.js');

const dashboard = {
  index(request, response) {
    logger.info('dashboard rendering');
    const viewData = {
      title: 'Template 1 Dashboard',
      bookmarklistCollection: bookmarklistCollection,
    };
    response.render('dashboard', viewData);
  },
};

module.exports = dashboard;
```

They will now be available in the view
- so we can rewrite the dashboard templates to display them:

```
{{> menu id="dashboard"}}  
  
{{#each bookmarklistCollection}}  
  
  <section class="ui segment">  
    <h2 class="ui header">  
      {{title}}  
    </h2>  
    <table class="ui fixed table">  
      <thead>  
        <tr>  
          <th>Title</th>  
          <th>Link</th>  
        </tr>  
      </thead>  
      <tbody>  
        {{#each bookmarks}}  
          <tr>  
            <td>  
              {{title}}  
            </td>  
            <td>  
              <a href="{{link}}"> {{link}}</a>  
            </td>  
          </tr>  
        {{/each}}  
      </tbody>  
    </table>  
  </section>  
  
{{/each}}
```

```

const bookmarklistCollection
  = require('../models/bookmarklist-store.js');

const dashboard = {
  index(request, response) {

    const viewData = {
      title: 'Template 1 Dashboard',
      bookmarklistCollection: bookmarklistCollection,
    };

    response.render('dashboard', viewData);

  },
};

```

```

{
  "bookmarklistCollection": [
    {
      "id": "01",
      "title": "HTML Learning Resources",
      "bookmarks": [
        {
          "id": "04",
          "title": "Sitepoint",
          "link": "https://www.sitepoint.com/html-css/"
        },
        {
          "id": "05",
          "title": "Google HTML Style Guide",
          "link": "https://google.github.io/styleguide/htmlcssguide.xml"
        },
        {
          "id": "06",
          "title": "Front End Focus",
          "link": "http://frontendfocus.co/issues"
        }
      ]
    }
  ]
}

```

```

{{> menu id="dashboard"}}

{{#each bookmarklistCollection}}

  <section class="ui segment">
    <h2 class="ui header">
      {{title}}
    </h2>
    <table class="ui fixed table">
      <thead>
        <tr>
          <th>Title</th>
          <th>Link</th>
        </tr>
      </thead>
      <tbody>
        {{#each bookmarks}}
          <tr>
            <td>
              {{title}}
            </td>
            <td>
              <a href="{{link}}"> {{link}}</a>
            </td>
          </tr>
        {{/each}}
      </tbody>
    </table>
  </section>

{{/each}}

```

Gomark V1: View 3 - About

Contact details for the author of the app (these can be fictitious company or person).

```
{{> menu id="about"}}  
  
<section class="ui center aligned middle aligned segment">  
  <h1 class="ui header">  
    About Gomark 1  
  </h1>  
  <p>  
    Developed by GoMark Associates, WIT, Waterford.  
  </p>  
</section>
```


Archive

If you want to download a complete version of the app as it should be at the end of this lab, then create a new Gomix project, and import `edeleastar/gomark-1`.

Exercise 1: Menu

Change the menu to show 'Welcome' instead of 'Template 1'.

Exercise 2: About View

Revise the about view such that `title` and `contact` strings are passed from the controller to the view in the `viewData` object. See step 2 in this lab for an example of how to do this.

Exercise 2:

Show the number of bookmarks - like this:

HTML Learning Resources (3)	
Title	Link
Sitepoint	https://www.sitepoint.com/html-css/
Google HTML Style Guide	https://google.github.io/styleguide/htmlcssguide.xml
Front End Focus	http://frontendfocus.co/issues