# MY SHOPPING CART PROJECT

## TOOLS:

### IDE:

* VSCode

## GIT & GITHUB for PROJECT:

…or create a new repository on the command line

echo "# MyShoppingCart" >> README.md

git init

git add README.md

git commit -m "first commit"

git branch -M main

git remote add origin https://github.com/kenvng/MyShoppingCart.git

git push -u origin main

…or push an existing repository from the command line

git remote add origin https://github.com/kenvng/MyShoppingCart.git

git branch -M main

git push -u origin main

…or import code from another repository

You can initialize this repository with code from a Subversion, Mercurial, or TFS project.

### Main Command Line Using Throughout the Project:

* git status
* git add .
* git commit -m “message goes here”
* git push -u origin main

## DEPENDENCIES needed for PROJECT:

Download Node.js

Express-Generator

Nodemon

MongoDB / Mongoose

## STARTING:

### Installing Express Generator:

* TERMINAL (VSCode) – root directory of the project:

TERMINAL: npm install express-generator -g // express-generator is being installed globally -g

Text

Description automatically generated

TERMINAL OUTPUT:

Text

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TERMINAL: express MyShoppingCart –hbs

Text

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It created the project folder called MyShoppingCart and installed the following folders and files in project folder you just created (template)

Handlebars – generate the views folders with 3 files that end with the .hbs extension which is short for hanglebars:

* error.hbs – this file handle all the error message in the browser
* index.hbs -
* layout.hbs – hold the default html skeleton – will render the contents in the {{{body}}} part in the file

TERMINAL: cd MyShoppingList

TERMINAL: npm install

TERMINAL: **npm start** // to start the server which is a little script provided by express-generator

And your server is starting with some output as follow:

Text

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If we refresh the browser @ http://localhosts:3000 , we will get the following message in terminal:



This means our localhosts server is working as intended.

## FILES

## HEADER

Allow user to go to user account signin/logout and shopping cart.

### Bootstrap

Head over to getbootstrap.com…

Grab this link:

<!-- CSS only -->

<link href="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/css/bootstrap.min.css" rel="stylesheet" integrity="sha384-0evHe/X+R7YkIZDRvuzKMRqM+OrBnVFBL6DOitfPri4tjfHxaWutUpFmBp4vmVor" crossorigin="anonymous">

and put it in the layout.hbs above the link element in the header.

AND grab this link:

<!-- JavaScript Bundle with Popper -->

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.2.0-beta1/dist/js/bootstrap.bundle.min.js" integrity="sha384-pprn3073KE6tl6bjs2QrFaJGz5/SUsLqktiwsUTF55Jfv3qYSDhgCecCxMW52nD2" crossorigin="anonymous"></script>

and put it in the layout.hbs under the {{{body}}} hook

Create a subfolder in views called partials and in partials create a file called header.hbs and add the html below in

Look for component > navbar and copy the html code and put it in the

<https://getbootstrap.com/docs/5.2/components/navbar/#content>

### jQuery

we are also going to utilize some jQuery, so head over to:

<https://releases.jquery.com/> and grab the following link:

<script src="https://code.jquery.com/jquery-3.6.0.min.js" integrity="sha256-/xUj+3OJU5yExlq6GSYGSHk7tPXikynS7ogEvDej/m4=" crossorigin="anonymous"></script>

Add it in layout.hbs below the {{{body}}} hook but above the bootstraps link

### Implementing/including the header.hbs into other files (index.hbs, layout.hbs)

Open another terminal to avoid interrupting the server terminal and type in:

TERMINAL: npm install –save express-handlebars

// this will installing another handlebars templating engine 3rd-party package which offers more features than the buit-in one

Open app.js and created a new variable/const as below:

const expressHbs = require('express-handlebars')

and go down to where the view engine set up and replace the following code:

app.set('views', path.join(\_\_dirname, 'views'));

with:

app.engine('.hbs', expressHbs({defaultLayout: 'layout', extname: '.hbs'}))

and then change some code from below line:

app.set('view engine', 'hbs');

to:

app.set('view engine', '.hbs');

### LAYOUT:

In the view folder… create a subfolder called layouts and in this layout folder move the layout.hbs in there

**layout.hbs**:

below the <body> element and above the {{{body}}} hook type in

{{> header }}

// specifying the partials I was to include – in this case the header

Save and refresh the page… now we can see the html is being populated by bootstrap and **header.hbs**

In this layout.hbs, where the bootstrap html for the header reside which including the navbar with:

* Brand – My Shopping Cart
* Shopping Cart
* User Management
  + User Account
  + Logout

In **views** folder: we create another folder called shop:

mkdir shop

Move index.hbs into shop folder

If you refresh the page it will break.

**routes>index.js**:

Change the path of the index page to:

shop/index

#### Thumbnails

Heading over to <https://getbootstrap.com/css/> , search for thumbnails and select the custom content of Thumbnail label I need

**index.hbs**: copy this code and paste it into this file and replace the current code in there

A screenshot of a computer

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NOTICE: the display of the content thumbnail is not all that great because we need to add more code on it.

**layout.hbs**: **add the following code below** {{> header }} **and out** {{{body}}} inside this element tab.

**Graphical user interface, text

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**index.hbs**: we are going to edit our thumbnails code in this file and css file as well

A screenshot of a computer

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We are now have the edit div for the thumbnails…. Not only that we created the other two and put them in a div element to create a roll.

**public/style.css**: we are going manually doing some style for our thumbnails and other stuffs along the way.



I give this thumbnail a min-height of 150px

**shop/index.hbs**: we are give this image a class img-responsive… this is a bootstrap class



https://youtu.be/riSKBb7KbFI?list=PLAcqMUt\_lZO7-v7gHg5-2X0dVlvVY1DyX&t=946