

NETWORK-BASED APPLICATION DEVELOPMENT. ITIS 5166  
ASSIGNMENT  
Milestone 4 Project Submission

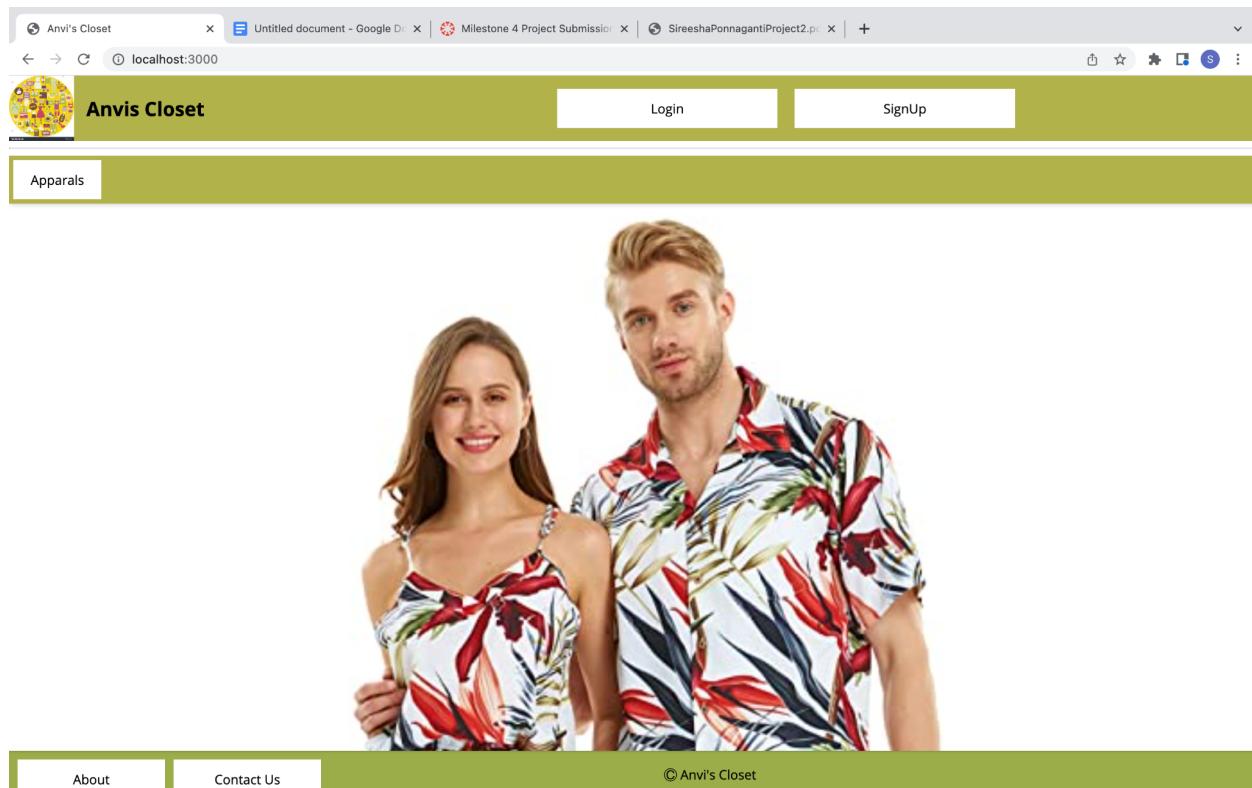
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**Website name: Anvi's Closet**

**Web page Screenshots:**

**Index Page: index.ejs**



## Apparels Page: apparels.ejs

The screenshot shows a web browser window with the URL `localhost:3000/apparels`. The page has a green header bar with the title "Anvis Closet". Below the header is a navigation bar with tabs: "Apparels" (which is active and highlighted in yellow), "About", and "Contact Us". On the right side of the header are "Login" and "SignUp" buttons. The main content area displays the message: "Closet is empty. No apparels to display". At the bottom of the page is a footer bar with links to "About", "Contact Us", and "© Anvi's Closet".

## Sign Up page: new.ejs

The screenshot shows a web browser window with the URL `localhost:3000/user/new`. The page has a green header bar with the title "Anvis Closet". Below the header is a navigation bar with tabs: "Apparels" (active), "About", and "Contact Us". On the right side of the header are "Login" and "SignUp" buttons. The main content area contains form fields for "First Name", "Email", and "Password". The "First Name" field is highlighted with a red border and has a validation message: "Please fill out this field." Below the "First Name" field is an empty "Email" input field. Below the "Email" field is an empty "Password" input field. At the bottom of the form is a green "Sign Up" button. At the very bottom of the page is a footer bar with links to "About", "Contact Us", and "© Anvi's Closet".

Screenshot of the Anvi's Closet user sign-up page.

The browser tab bar shows four open tabs: "Anvi's Closet", "Untitled document - Google Doc", "Milestone 4 Project Submission", and "SireeshaPonnagantiProject2.pdf". The address bar indicates the URL is `localhost:3000/user/new`.

The page header features a logo icon, the text "Anvi's Closet", and two buttons: "Login" and "SignUp".

The main form area contains fields for First Name, Last Name, Email, and Password, all filled with placeholder text. A green "Sign Up" button is at the bottom.

The footer includes links for "About" and "Contact Us", and the copyright notice "© Anvi's Closet".

Screenshot of the Anvi's Closet user login page.

The browser tab bar shows four open tabs: "Anvi's Closet", "Untitled document - Google Doc", "Milestone 4 Project Submission", and "SireeshaPonnagantiProject2.pdf". The address bar indicates the URL is `localhost:3000/user/login`.

The page header features a logo icon, the text "Anvi's Closet", and two buttons: "Login" and "SignUp".

The main form area displays a success message: "You have successfully registered". Below it are fields for Email and Password, followed by a green "Login" button.

The footer includes links for "About" and "Contact Us", and the copyright notice "© Anvi's Closet".

## Login Page: login.ejs

The screenshot shows a web browser window with the URL `localhost:3000/user/login`. The page has a green header bar with the title "Anvi's Closet". Below the header, there are two buttons: "Login" and "SignUp". A sidebar on the left contains a circular logo and the text "Apparals". A green success message at the top states "You have successfully registered". The main form area has an "Email" input field which is empty. A validation message "Please fill out this field." is displayed above the input field. A "Login" button is located below the input field.

The screenshot shows a web browser window with the URL `localhost:3000/user/login`. The page layout is identical to the first screenshot, featuring a green header with "Anvi's Closet", a sidebar with a logo and "Apparals", and a green success message. In this version, the "Email" input field contains the value "psirees1@gmail.com" and the "Password" input field contains "\*\*\*\*\*". Both fields are correctly filled, and the "Login" button is visible below them.

The screenshot shows a web browser window with four tabs open: 'Anvi's Closet', 'Untitled document - Google Doc', 'Milestone 4 Project Submission', and 'SireeshaPonnagantiProject2.pdf'. The main content area has a green header bar with the 'Anvi's Closet' logo and navigation links for 'Create an apparel', 'Profile', and 'Logout'. Below the header is a yellow navigation bar with a 'Apparals' button. A green success message at the top states 'You have successfully logged in'. The main content area displays the message 'Sireesha's apparels' followed by 'There are no apparels to display.' At the bottom is a green footer bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.

## Profile Page: profile.ejs

This screenshot is identical to the one above, showing the same browser tabs and page layout. It features a green header bar with the 'Anvi's Closet' logo and navigation links for 'Create an apparel', 'Profile', and 'Logout'. A yellow navigation bar contains a 'Apparals' button. A green success message at the top states 'You have successfully logged in'. The main content area displays the message 'Sireesha's apparels' followed by 'There are no apparels to display.' At the bottom is a green footer bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.

## Create an Apparal Page: newApparal.ejs

Anvi's Closet

Create an apparel

Profile

Logout

Apparals

Category

Name

Please fill out this field.

enter WomensFashion/MensFashion/Kids n Baby

ImageUrl

enter Image Url

Details

enter Size and specifications

Rating

Enter rating on the scale of 5 say 1,2,3,4,5

Submit

About

Contact Us

© Anvi's Closet

Anvi's Closet

Create an apparel

Profile

Logout

Apparals

Category

MensFashion

Name

footwear

ImageUrl

https://ashleyfurniture.scene7.com/is/image/AshleyFurniture/A6007814CN\_1?AFHS-

Details

gray

Rating

3

Submit

About

Contact Us

© Anvi's Closet

Screenshot of a web browser showing a form for creating an apparel item. The page has a green header bar with the title "Anvis Closet". Below the header is a navigation bar with buttons for "Create an apparel", "Profile", and "Logout". A sub-navigation bar shows the selected tab "Apparals". A red error message at the top of the main content area says "apparel validation failed: Details: the details content is atleast 10 characters". The form fields are as follows:

- Category**: enter WomensFashion/MensFashion/Kids n Baby
- Name**: enter Clothing/Accessories/footwear/Jewelry
- ImageUrl**: enter Image Url
- Details**: enter Size and specifications

The bottom of the page features a green footer bar with links for "About", "Contact Us", and "© Anvi's Closet".

Screenshot of the same web browser showing the same form after some input has been entered. The "Category" field now contains "MensFashion". The "Name" field now contains "footwear". The "ImageUrl" field now contains a URL: "https://www.colehaan.com/on/demandware.static/-/Sites-itemmaster\_colehaan/default". The "Details" field contains the following text:

Details - A Flex welt and laser-perforated leather support unrestricted movement and flexibility. Dynamic energy foam is designed to comfort and propel each part of the foot, and rivals top-of-the-line running shoes.

The "Rating" field contains the number "3". A green "Submit" button is visible at the bottom right of the form area. The rest of the page structure is identical to the first screenshot.

Screenshot of a web browser showing the Anvi's Closet application. The title bar shows multiple tabs including 'Anvi's Closet', 'Men's Men's 2.ZERØGRAND L...', 'Untitled document - Google Doc', 'Milestone 4 Project Submission', and 'SireeshaPonnagantiProject2.p...'. The address bar shows 'localhost:3000/apparals'. The main content area has a green header with the logo 'Anvi's Closet' and navigation links 'Create an apparel', 'Profile', and 'Logout'. A yellow sidebar on the left contains the link 'Apparals'. A green footer bar at the bottom displays the message 'A new apparel has been created successfully'.

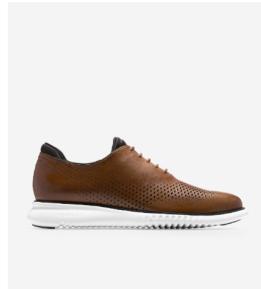
## MensFashion

- footwear

Screenshot of the Anvi's Closet application showing the navigation bar with 'About', 'Contact Us', and '© Anvi's Closet'.

Screenshot of a web browser showing the Anvi's Closet application. The title bar shows multiple tabs including 'Anvi's Closet', 'Untitled document - Google Doc', 'Milestone 4 Project Submission', and 'SireeshaPonnagantiProject2.p...'. The address bar shows 'localhost:3000/apparals/638420edcd9e3438c3f093c2'. The main content area has a green header with the logo 'Anvi's Closet' and navigation links 'Create an apparel', 'Profile', and 'Logout'. A yellow sidebar on the left contains the link 'Apparals'. The main content area displays the category 'footwear' and shows a single brown leather shoe with white stitching and a white sole.

### footwear



Category - MensFashion

Name - footwear

Details - Details - A Flex welt and laser-perforated leather support unrestricted movement and flexibility. Dynamic energy foam is designed to comfort and propel each part of the foot, and rivals top-of-the-line running shoes.

Screenshot of the Anvi's Closet application showing the navigation bar with 'About', 'Contact Us', and '© Anvi's Closet'.

## Edit Page:apparalDetailEdit.ejs

Screenshot of the 'Edit Page:apparalDetailEdit.ejs' page. The browser tab shows 'Anvi's Closet' and the URL 'localhost:3000/apparals/638420edcd9e3438c3f093c2/edit?'. The page has a green header with 'Anvi's Closet' logo, 'Create an apparel', 'Profile', and 'Logout' buttons. A green navigation bar below the header has 'Apparals' selected. The main content area contains form fields for editing apparel details:

- Category:** MensFashion
- Name:** footwear
- ImageUrl:** https://www.colehaan.com/on/demandware.static/-/Sites-itemmaster\_colehaan/default
- Details:** Details - A Flex welt and laser-perforated leather support unrestricted movement and flexibility.
- Rating:** 4

A green 'Submit' button is located at the bottom right of the form area. The footer has 'About', 'Contact Us', and '© Anvi's Closet' links.

Screenshot of the 'Edit Page:apparalDetailEdit.ejs' page after successful update. The browser tab shows 'Anvi's Closet' and the URL 'localhost:3000/apparals/638420edcd9e3438c3f093c2/edit?'. The page has a green header with 'Anvi's Closet' logo, 'Create an apparel', 'Profile', and 'Logout' buttons. A green navigation bar below the header has 'Apparals' selected. A green success message 'apparal has been successfully updated' is displayed. Below it, the apparel details are shown:

**Category:** footwear



**Category - MensFashion**

**Name - footwear**

**Details -** Details - A Flex welt and laser-perforated leather support unrestricted movement and flexibility.

The footer has 'About', 'Contact Us', and '© Anvi's Closet' links.

## Profile: profile.ejs

The screenshot shows a web browser window with the URL `localhost:3000/user/profile`. The page has a green header bar with the title "Anvis Closet". Below the header, there's a navigation bar with "Create an apparel", "Profile", and "Logout" buttons. A sub-navigation bar below it has the "Apparals" tab selected. The main content area is titled "Sireesha's apparels" and contains a table with one row:

Apparel	Category	Action
footwear	MensFashion	<a href="#">Edit</a> <a href="#">Delete</a>

## Delete Apparals:apparalController.js & apparalRoutes.js

The screenshot shows the same web browser window as before, but now the "Apparals" table is empty. The main content area displays the message: "Closet is empty. No apparels to display".

## Editing Profile Data: apparelDetailEdit.ejs

Screenshot of the 'apparelDetailEdit.ejs' page showing the editing interface for an apparel.

The page has a header with tabs: Anvi's Closet, Untitled document - Google Doc, Milestone 4 Project Submission, SireeshaPonnagantiProject2.pdf, and a '+' button. Below the header is a navigation bar with links: Create an apparel, Profile, and Logout. A sidebar on the left shows a circular logo for 'Anvis Closet' and a link to 'Apparals'.

The main content area contains fields for editing apparel details:

- Category:** MensFashion
- Name:** footwear
- ImageUrl:** [https://www.colehaan.com/on/demandware.static/-/Sites-itemmaster\\_colehaan/default](https://www.colehaan.com/on/demandware.static/-/Sites-itemmaster_colehaan/default)
- Details:** Details - A Flex welt and laser-perforated leather support
- Rating:** 5

A green 'Submit' button is located at the bottom right of the form.

Screenshot of the 'apparelDetailEdit.ejs' page showing the result of the update.

The page has a header with tabs: Anvi's Closet, Untitled document - Google Doc, Milestone 4 Project Submission, SireeshaPonnagantiProject2.pdf, and a '+' button. Below the header is a navigation bar with links: Create an apparel, Profile, and Logout. A sidebar on the left shows a circular logo for 'Anvis Closet' and a link to 'Apparals'. A green success message at the top states: 'apparel has been successfully updated'.

The main content area displays the updated apparel details:

**footwear**



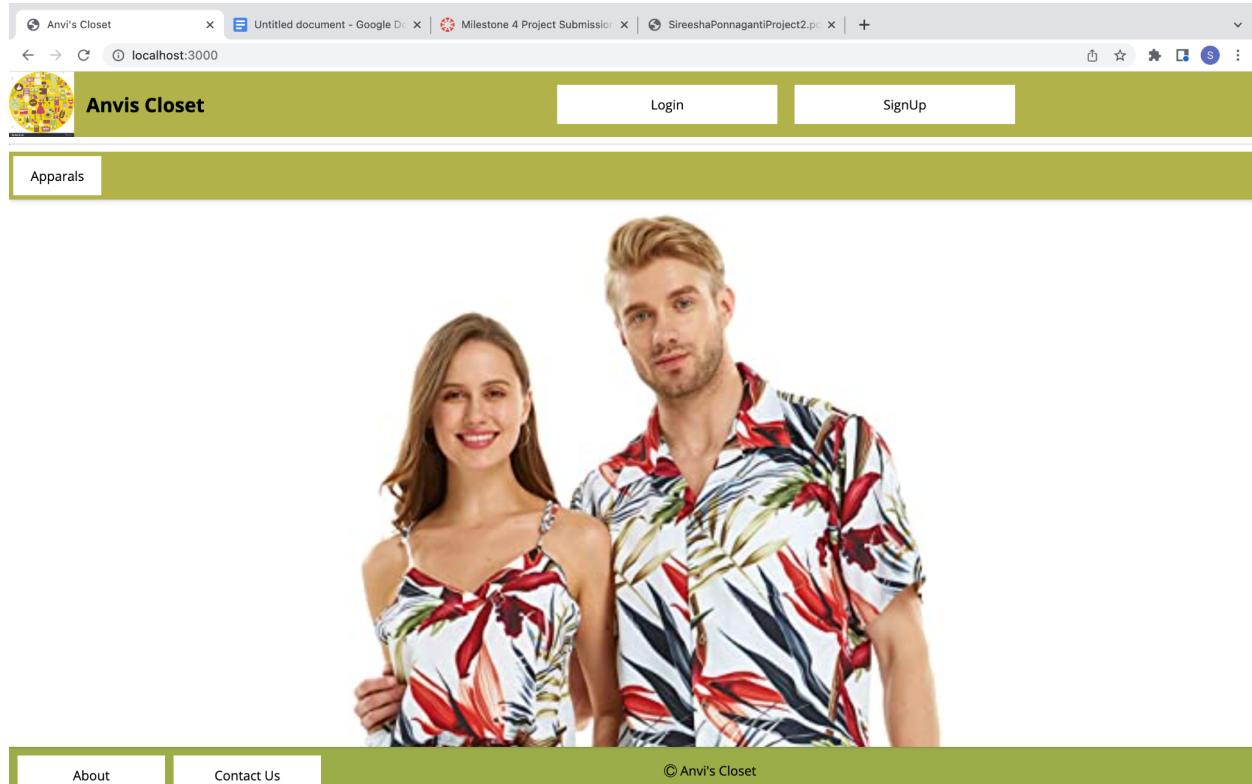
Category - MensFashion

Name - footwear

Details - Details - A Flex welt and laser-perforated leather support

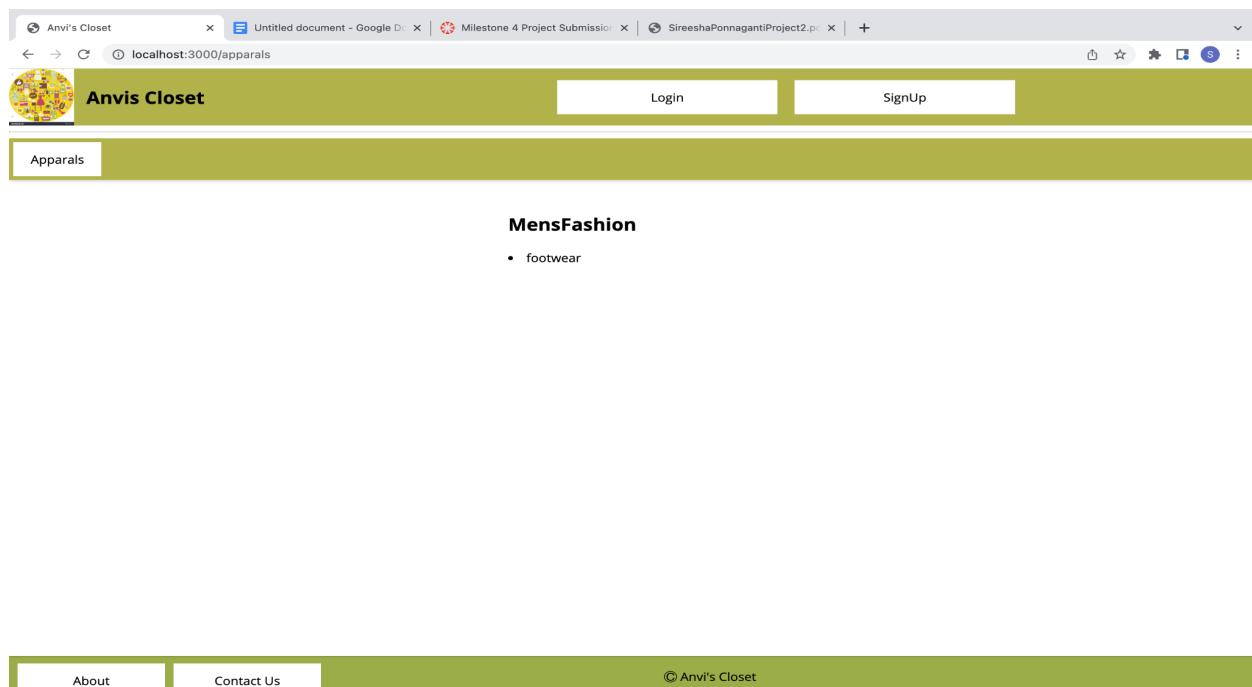
A green footer bar at the bottom contains links: About, Contact Us, and © Anvi's Closet.

## Logout page : userController.js



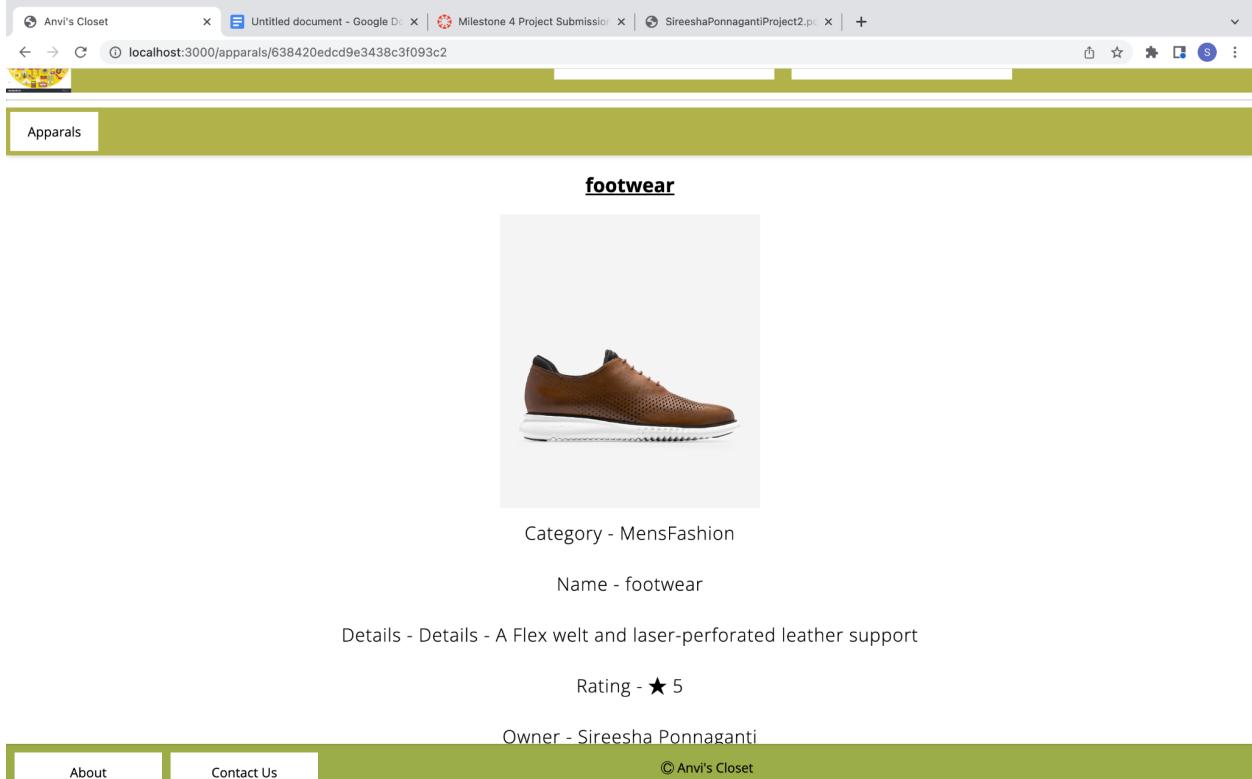
A screenshot of a web browser window showing the homepage of "Anvi's Closet". The title bar has tabs for "Anvi's Closet", "Untitled document - Google Doc", "Milestone 4 Project Submission", and "SireeshaPonnagantiProject2.pdf". The address bar shows "localhost:3000". The header features a logo with a colorful pattern, the text "Anvis Closet", and buttons for "Login" and "SignUp". A green navigation bar at the bottom contains links for "About", "Contact Us", and "© Anvi's Closet". The main content area displays a photograph of a man and a woman wearing matching white shirts with red and green tropical leaf prints.

## Apparels Page without login: apparels.ejs



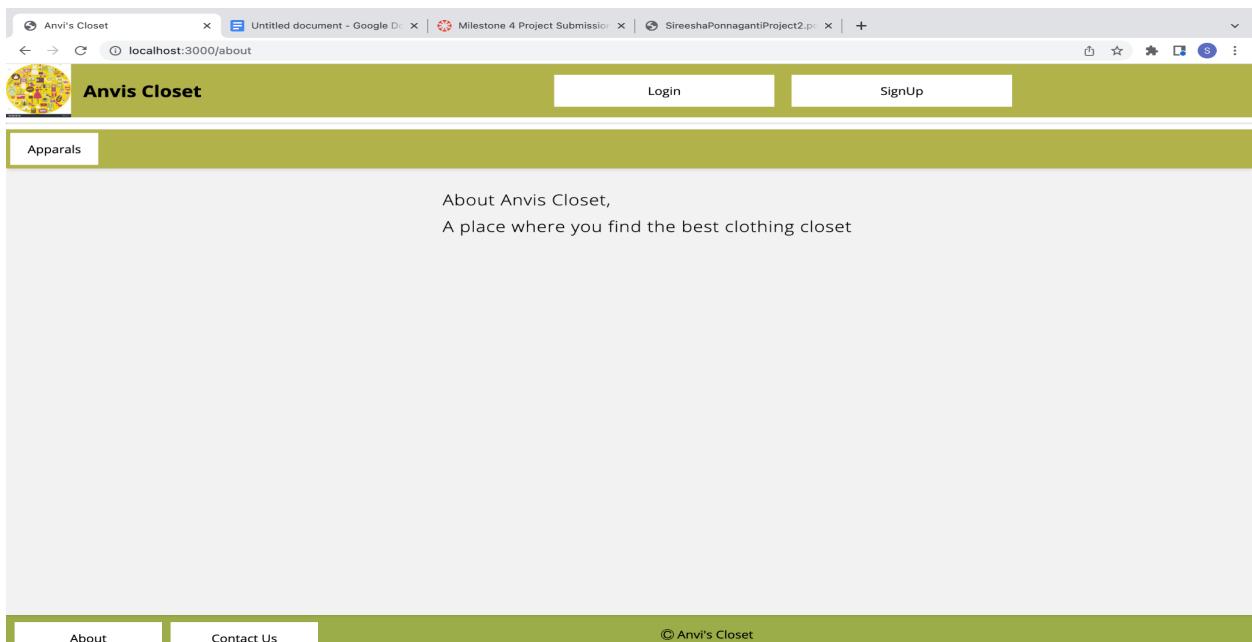
A screenshot of a web browser window showing the "Apparels" page of "Anvi's Closet". The title bar has tabs for "Anvi's Closet", "Untitled document - Google Doc", "Milestone 4 Project Submission", and "SireeshaPonnagantiProject2.pdf". The address bar shows "localhost:3000/apparels". The header features a logo with a colorful pattern, the text "Anvis Closet", and buttons for "Login" and "SignUp". A green navigation bar at the bottom contains links for "About", "Contact Us", and "© Anvi's Closet". The main content area displays the heading "MensFashion" and a single bullet point "• footwear".

**Without Loggedin, there would be no edit or delete access to the users. It just displays the owner name with the apparel data**



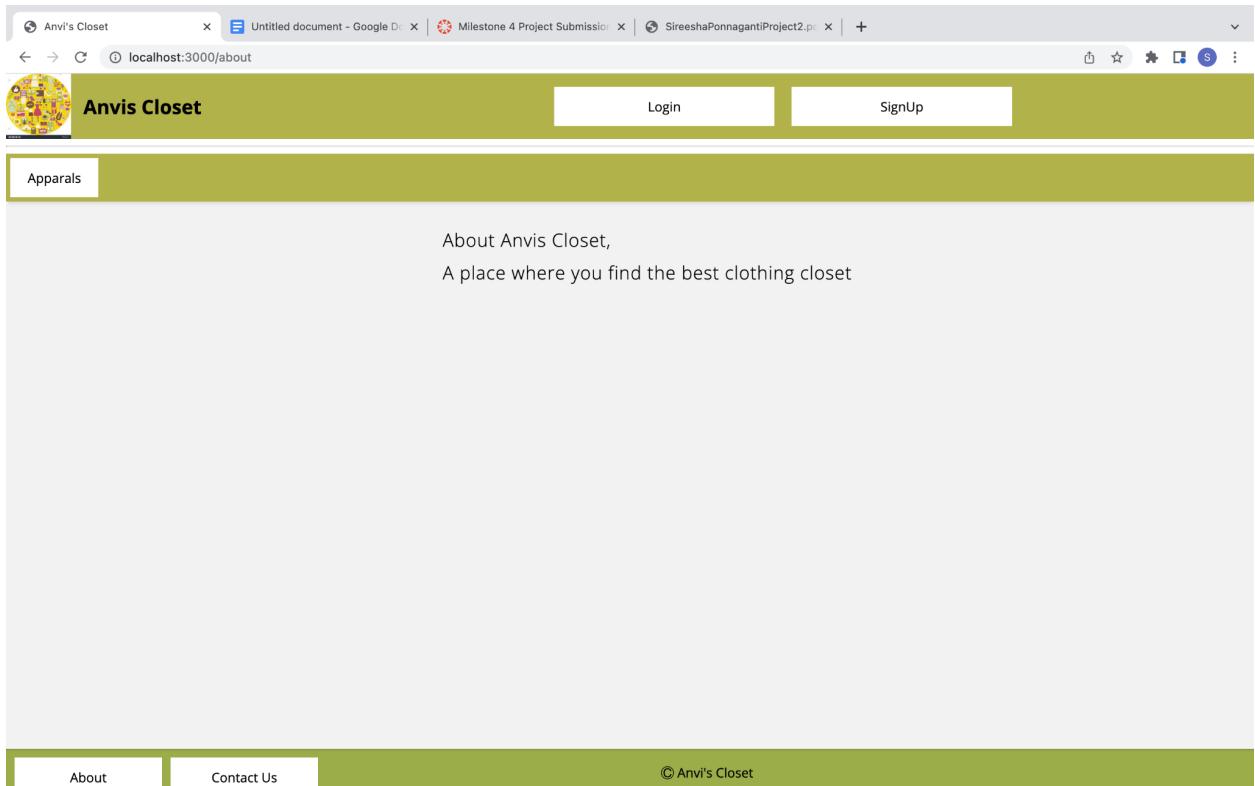
The screenshot shows a web browser window with four tabs open: 'Anvi's Closet', 'Untitled document - Google D...', 'Milestone 4 Project Submission...', and 'SireeshaPonnagantiProject2.p...'. The main content area has a green header bar with the word 'Apparals' in white. Below it, the word 'footwear' is centered above a brown leather shoe with perforations. To the left of the shoe, the text 'Category - MensFashion' is displayed. To the right, the text 'Name - footwear' is displayed. Below the shoe, the text 'Details - Details - A Flex welt and laser-perforated leather support' is shown. Further down, the text 'Rating - ★ 5' is displayed. At the bottom of the page, there is a navigation bar with links for 'About', 'Contact Us', 'Owner - Sireesha Ponnaganti', and '© Anvi's Closet'.

## About page:about.ejs



The screenshot shows a web browser window with four tabs open: 'Anvi's Closet', 'Untitled document - Google D...', 'Milestone 4 Project Submission...', and 'SireeshaPonnagantiProject2.p...'. The main content area has a green header bar with the logo 'Anvis Closet' and links for 'Login' and 'SignUp'. Below it, the word 'Apparals' is in a green header bar. The central content area contains the text 'About Anvis Closet,  
A place where you find the best clothing closet'. At the bottom of the page, there is a navigation bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.

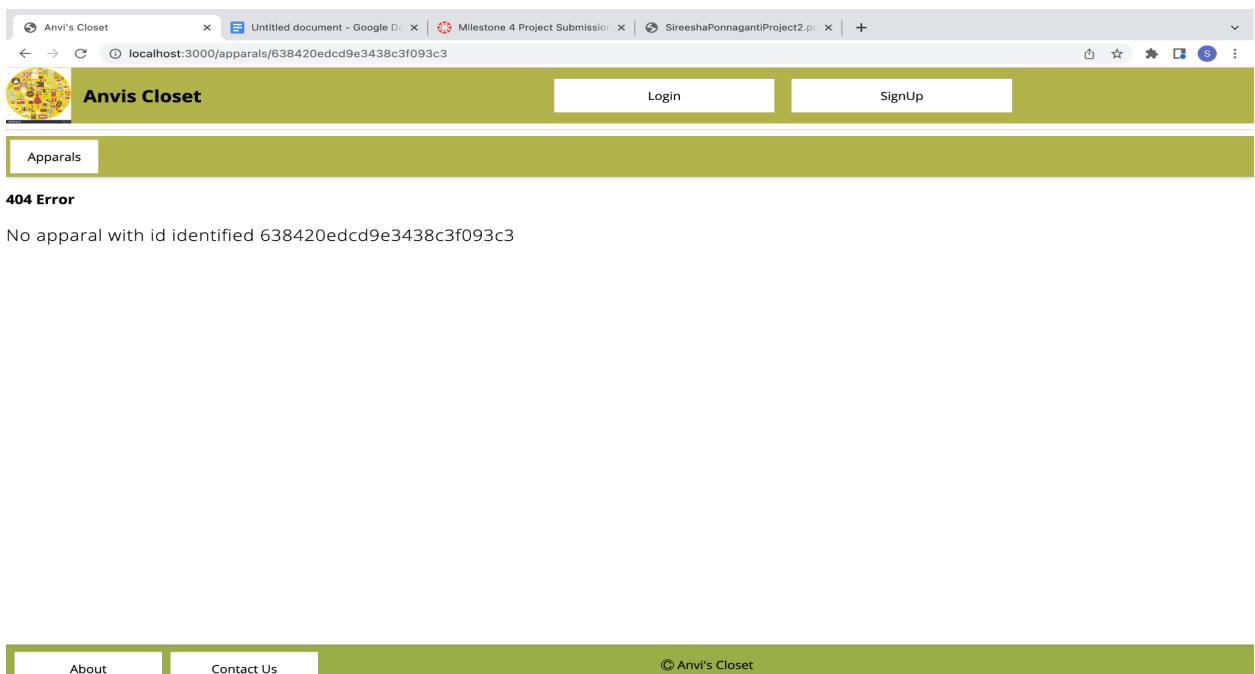
## Contact Details: contactUs.ejs



The screenshot shows a web browser window with the URL `localhost:3000/about`. The page has a green header bar with the logo "Anvi's Closet". Below the header, there is a navigation bar with tabs: "Apparals" (which is active and highlighted in yellow), "About", and "Contact Us". The main content area contains the text: "About Anvi's Closet,  
A place where you find the best clothing closet". At the bottom of the page, there is a footer bar with the copyright notice "© Anvi's Closet".

## Errors:

### Invalid ID: for apparelPage and Edit apparel page



The screenshot shows a web browser window with the URL `localhost:3000/apparals/638420edcd9e3438c3f093c3`. The page has a green header bar with the logo "Anvi's Closet". Below the header, there is a navigation bar with tabs: "Apparals" (which is active and highlighted in yellow), "About", and "Contact Us". The main content area displays the error message: "404 Error  
No apparel with id identified 638420edcd9e3438c3f093c3". At the bottom of the page, there is a footer bar with the copyright notice "© Anvi's Closet".

The screenshot shows a web browser window with four tabs open:

- Anvi's Closet
- Untitled document - Google Docs
- Milestone 4 Project Submission
- SireeshaPonnagantiProject2.pdf

The main content area has a green header bar with the "Anvi's Closet" logo and navigation links: "Create an apparel", "Profile", and "Logout". Below this is a yellow navigation bar with the "Apparals" link highlighted. The main body of the page displays the error message:

**404 Error**  
apparal is not found with638424d1cd9e3438c3f00401

At the bottom, there is a footer bar with links: "About", "Contact Us", and "© Anvi's Closet".

## Mandatory fields:

The screenshot shows a web browser window with four tabs open:

- Anvi's Closet
- Untitled document - Google Docs
- Milestone 4 Project Submission
- SireeshaPonnagantiProject2.pdf

The main content area has a green header bar with the "Anvi's Closet" logo and navigation links: "Login" and "SignUp". Below this is a yellow navigation bar with the "Apparals" link highlighted. The main body of the page displays a user registration form with validation messages:

First Name  
 ! Please fill out this field.

Email

Password

**Sign Up**

At the bottom, there is a footer bar with links: "About", "Contact Us", and "© Anvi's Closet".

Screenshot of the Anvi's Closet application showing the 'Create an apparel' form.

The browser tabs at the top include: Anvi's Closet, Untitled document - Google Docs, Milestone 4 Project Submission, SireeshaPonnagantiProject2.pdf, and a plus sign tab.

The URL in the address bar is `localhost:3000/newapparal`.

The page header features a logo, the title "Anvi's Closet", and navigation links for "Create an apparel", "Profile", and "Logout".

The main content area has a green header bar with the text "Apparals".

The form fields are:

- Category:** A dropdown menu showing "enter WomensFashion/MensFashion/Kids n Baby".
- Name:** An input field containing "enter Clothing/Accessories/footwear/Jewelry" with a validation message: "Please fill out this field." displayed above it.
- ImageUrl:** An input field containing "enter Image Url".
- Details:** A large text area with the placeholder "enter Size and specifications".
- Rating:** An input field containing "Enter rating on the scale of 5 say 1,2,3,4,5".

A green "Submit" button is located at the bottom right of the form area.

The footer contains links for "About", "Contact Us", and "© Anvi's Closet".

Screenshot of the Anvi's Closet application showing the 'Create an apparel' form after validation failed.

The browser tabs and URL are identical to the previous screenshot.

The page header and main content area are similar, with a green "Apparals" header bar.

An orange error message banner at the top states: "apparel validation failed: Details: the details content is atleast 10 characters".

The form fields are identical to the first screenshot, but the "Details" text area is empty.

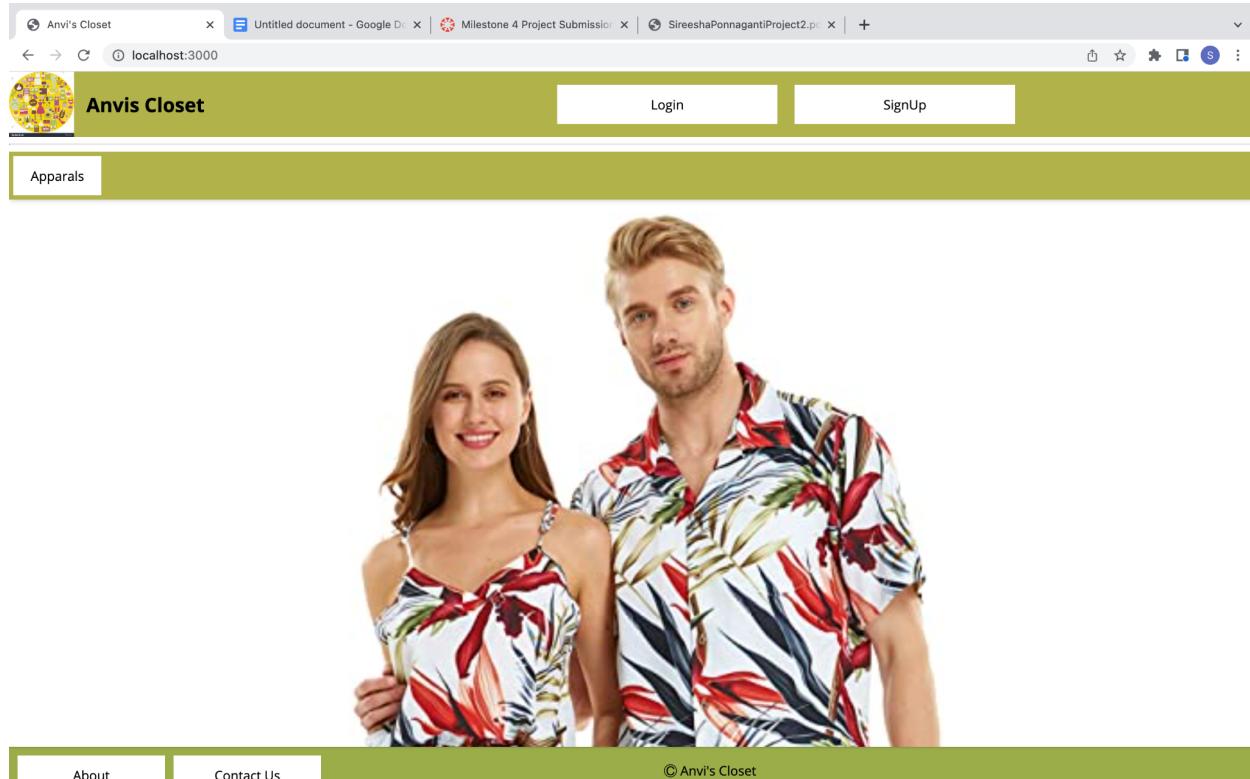
The footer links for "About", "Contact Us", and "© Anvi's Closet" are present.

## Wrong Login Credentials:

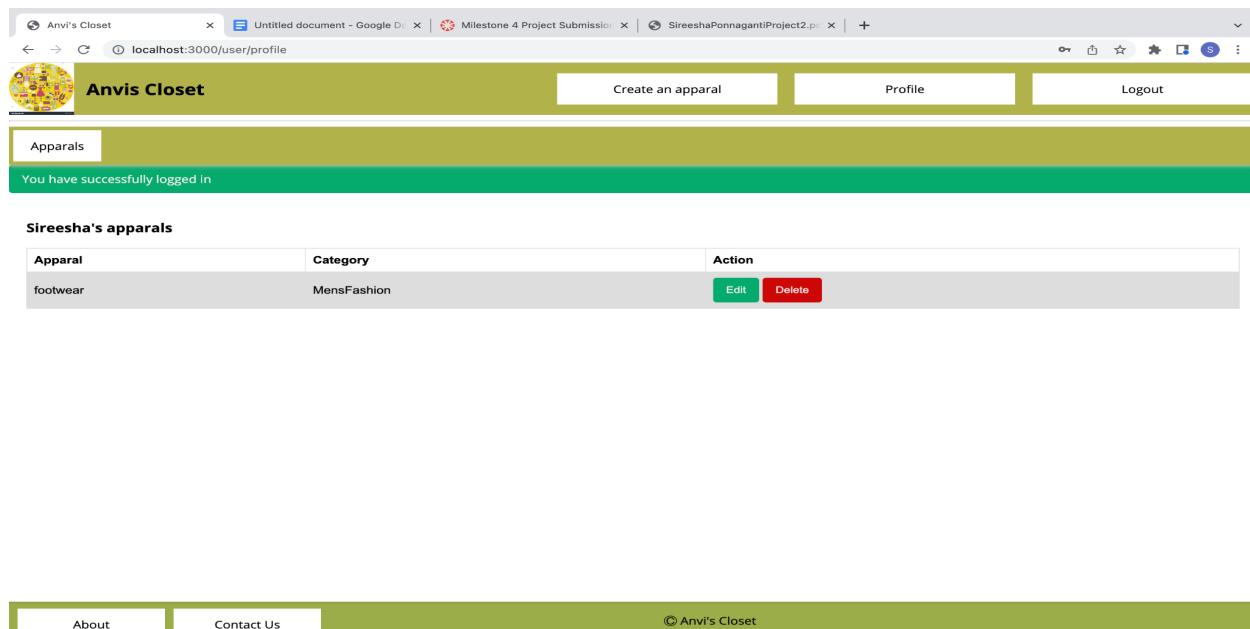
The screenshot shows a web browser window with the URL `localhost:3000/user/login`. The page has a green header bar with the logo "Anvi's Closet". Below the header, there are two buttons: "Login" and "SignUp". A navigation bar below the header includes a link to "Apparals". A red horizontal bar at the top of the main content area displays the message "Wrong email address". The main form contains fields for "Email" and "Password", and a green "Login" button.

This screenshot is identical to the one above, showing the same login page and error message "Wrong email address". The only difference is the error message itself, which has changed to "Wrong password".

## Profile page only shows afterloggedin:



**Login and Signup pages will not be there only loggedin. It shows the apparel trading, profile and logout pages:**



**Once loggedout, the apparel page doesnt show the edit and delete access to the users.**

**footwear**


  
 Category - MensFashion

Name - footwear

Details - hdvsjf jhdvcjsd hdvsdh. hgd vchdg

Rating - ★ 3

Owner - Sireesha Ponnaganti

## Data in the MongoDB database:

### Apparel Data:

```

_id: ObjectId('638424d1cd9e3438c3f09401')
Category: "MensFashion"
Name: "footwear"
Details: "hdvsjf jhdvcjsd hdvsdh. hgd vchdg"
Rating: "3"
ImageUrl: "https://www.colahan.com/on/demandware.static/-/Sites-itemmaster_colahan/default/-/wcsstore/Images/63841e44cd9e3438c3f09401.jpg"
Owner: ObjectId('63841e44cd9e3438c3f09401')
createdAt: 2022-11-28T03:02:41.586+00:00
updatedAt: 2022-11-28T03:02:41.586+00:00
__v: 0
    
```

## Session Data:

The screenshot shows the MongoDB Compass interface for the `demos.sessions` collection. The left sidebar lists databases and collections, with `sessions` selected. The main pane displays two documents. The first document is:

```
_id: "SJFV1LNZuep3Gd4cYsysj8UeLuX7mQyB"
expires: 2022-11-28T04:06:48.126+00:00
session: {"cookie": {"originalMaxAge": 3600000, "expires": "2022-11-28T04:06:45.645..."}
```

The second document is partially visible.

## Users Data:

The screenshot shows the MongoDB Compass interface for the `demos.users` collection. The left sidebar lists databases and collections, with `users` selected. The main pane displays one document. The document is:

```
_id: ObjectId('63841e44cd9e3438c3f093a4')
firstName: "Sireesha"
lastName: "Ponnaganti"
email: "psirees1@gmail.com"
password: "$2b$10$qmqtYYgMP7h2NKZh0y98tuci4kTbdGrjcTQqjK/899Ur83buM6sz1"
__v: 0
```

## **Explanation:**

The MVC architecture has been used in this project, explanation. Model, View, Controller, and Route are the implemented modules. According to my project, App.js is the main file that starts the server. The output can be seen at localhost:3000 and mongo localhost with 27017.

The controller folder, which contains the files apparelController.js, mainController.js, and userController.js, is the main component of the project. These controllers develop controls to display user data, clothing data, and functions such as index data, new page data, data generation, apparel data display, and editing, updating, and deleting capabilities.

The model folders were created in a way that allows for the definition of the mongoose database schema as well as the declaration of several fields, including the category, Name, Details, Rating, ImageURL, and Owner with the appropriate criteria. And the User model has been created in a way that requires the user to log in or proceed with signing up based on the preceding data.

The logged-in, guest, and owner capabilities have been specified in an additional middlewares folder with the files auth.js and validator.js, and the validators have been utilized in the routes for convenience.

We've created three routes for this project, and apparelRoutes.js uses them to identify connections by ID or by forging new ones. A user's login pages are routed with certain requirements. The primary routes continue to direct connections to the fundamental home pages.

The views folder contains the actual data configurations, while the apparel folder contains information about the web page and what it maintains. The apparelDetail.ejs file provides information about the data, while the apparelDetailEdit.ejs file allows you to edit the apparel data. The apparel.ejs file lists all the categories and items of data, while the contactUS.ejs file displays the webpage's contact details. The newApparel.ejs file displays the form. The partials folder in the views folder also contains the header.ejs and footer.ejs files that we

use to display the header and footer information of a web page. A users folder has been put up to house user information such as login, signup, and profile pages. These pages are basic HTML forms where we can fill out our information and log in to the program to make clothes.

Two more files in the views folder error.ejs has been created to display all the error messages when the path is not valid and the index.ejs file consists of the index page logo and the same page retriggers when click on the logo page.

**Challenges faced:**

Implementing MVC architecture from the ground up and comprehending all the requirements in their entirety are the project's biggest challenges. However, as implementation began with the aid of the lectures, it became simpler to do so one at a time.

**Concepts learned:**

This project provides excellent practice for this module's lesson on MVC architecture from beginning to end. With the aid of these concepts, I was able to produce new pages and route them, and diligently completing this project has given me more flexibility to produce additional projects.