

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

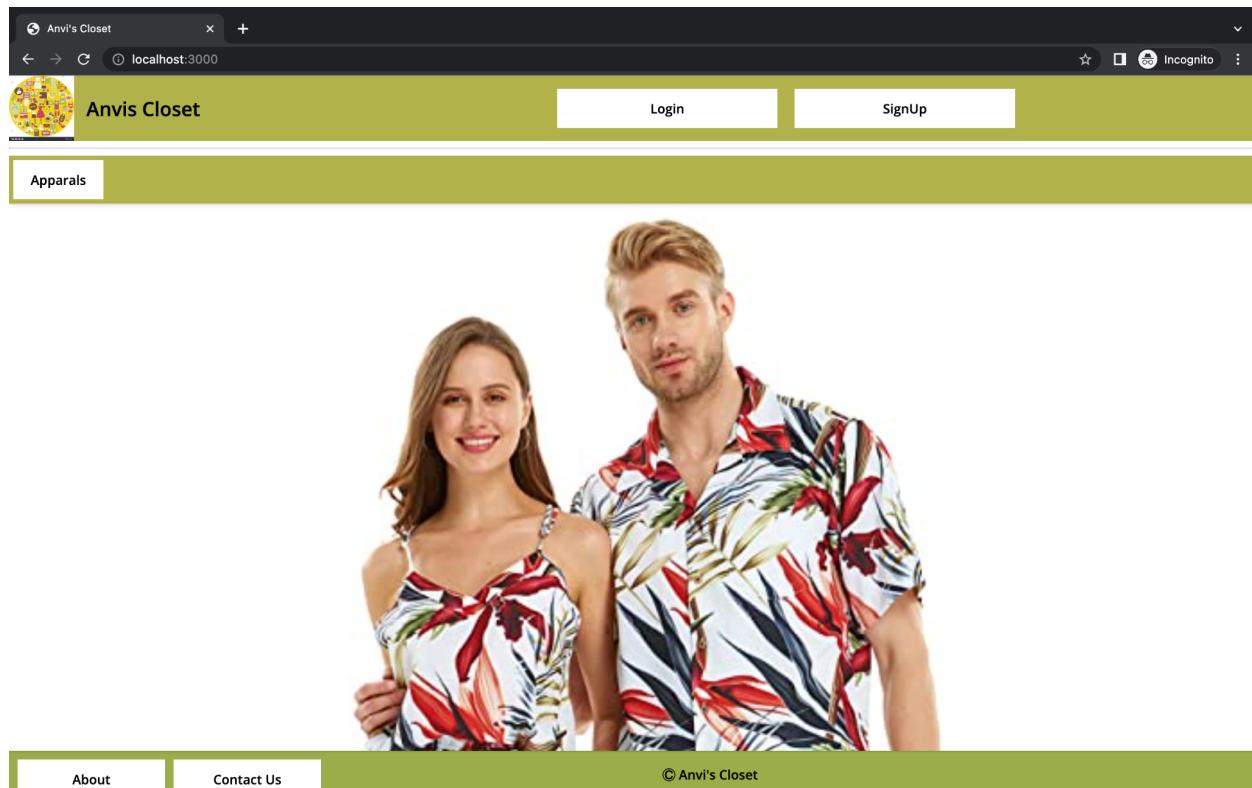
Professor: Dr. Nadia A. Najjar

Student Name: Sireesha Ponnaganti
Student Email: sponnaga@uncc.edu
Student ID: 801310488

Website name: Anvi's Closet

Web page Screenshots:

Index Page: index.ejs



List of Apparals Page: Apparels.ejs

A screenshot of a web browser window titled "Anvi's Closet". The address bar shows "localhost:3000/apparels". The page has a green header with the logo "Anvis Closet". Below the header is a navigation bar with "Apparels" highlighted. The main content area displays the message "Closet is empty. No apparels to display". At the bottom is a footer with links for "About", "Contact Us", and "© Anvi's Closet".

Signing up for a page - new.ejs

A screenshot of a web browser window titled "Anvi's Closet". The address bar shows "localhost:3000/user/new". The page has a green header with the logo "Anvis Closet". Below the header is a navigation bar with "Apparels" highlighted. The main content area contains a sign-up form with fields for "First Name", "Email", and "Password". The "First Name" field is empty and has a validation error message: "Please fill out this field.". The "Email" and "Password" fields are also empty. At the bottom is a "Sign Up" button. At the very bottom is a footer with links for "About", "Contact Us", and "© Anvi's Closet".

S Anvi's Closet × +

localhost:3000/user/new

Incognito :

Anvis Closet

Login SignUp

Apparals

First Name
Raksha

Last Name
Nandigam

Email
mandigam|

Please include an '@' in the email address. 'rnandigam' is missing an '@'.

..

Sign Up

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/new

Incognito :

Anvis Closet

Login SignUp

Apparals

First Name
Raksha

Last Name
Nandigam

Email
mandigam@|

Please enter a part following '@'. 'rnandigam@' is incomplete.

..

Sign Up

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/new

Incognito :

Anvis Closet

Login SignUp

Apparals

Password must be at least 5 characters and at most 30 characters

First Name
Raksha

Last Name
Nandigam

Email
mandigam@gmail.com

Password
••••

Sign Up

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/new

Incognito :

Anvis Closet

Login SignUp

Apparals

Password must be at least 5 characters and at most 30 characters

First Name
Raksha

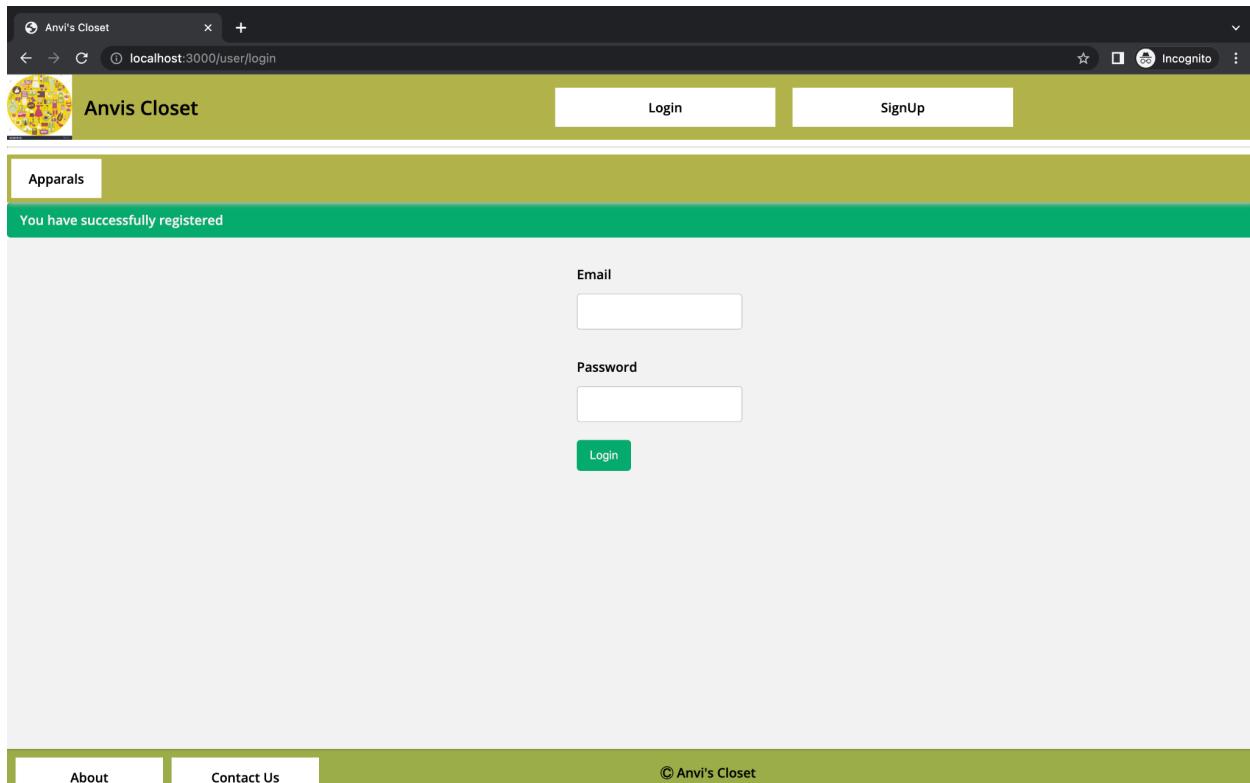
Last Name
Nandigam

Email
mandigam@gmail.com

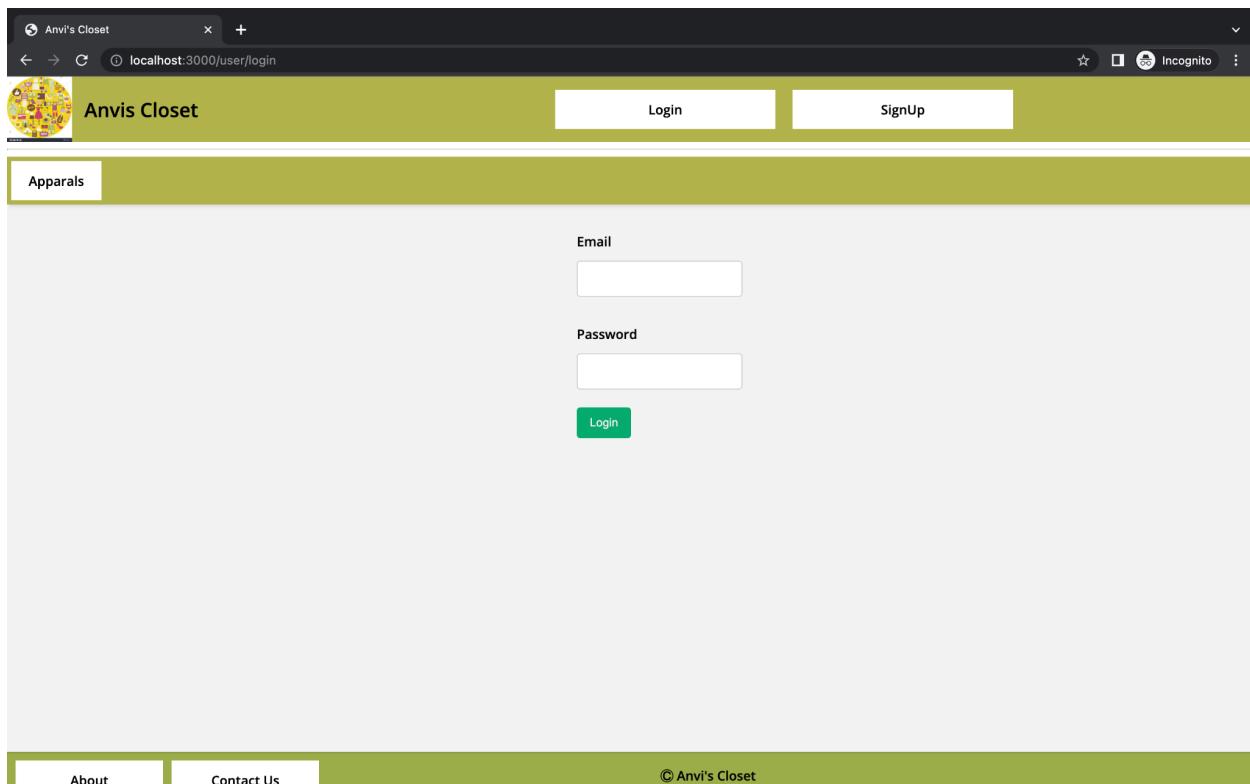
Password
.....

Sign Up

About Contact Us © Anvi's Closet



Logging into the webpage: login.ejs



S Anvi's Closet × +

localhost:3000/user/login ☆ □ Incognito :

Anvi's Closet

Login SignUp

Apparals

Email

! Please fill out this field.

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/login ☆ □ Incognito :

Anvi's Closet

Login SignUp

Apparals

Email

! Please include an '@' in the email address. 'rnandigam' is missing an '@'.

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/login ☆ □ Incognito :

Anvis Closet Login SignUp

Apparals

Email
mandigam@
! Please enter a part following '@'. 'rnandigam@' is incomplete.

...

Login

About Contact Us © Anvi's Closet

This screenshot shows a web browser window for 'Anvi's Closet' at the URL 'localhost:3000/user/login'. The page has a yellow header bar with the title 'Anvis Closet' and navigation links for 'Login' and 'SignUp'. Below the header is a green navigation bar with the link 'Apparals'. The main content area contains a form with an 'Email' field containing 'mandigam@'. A validation message box is displayed above the field, stating 'Please enter a part following "@'. 'rnandigam@" is incomplete.' Below the field is a placeholder '...'. At the bottom of the page is a green footer bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.

S Anvi's Closet × +

localhost:3000/user/login ☆ □ Incognito :

Anvis Closet Login SignUp

Apparals

Email
mandigam@gmail.com

Password
...

Login

About Contact Us © Anvi's Closet

This screenshot shows the same web browser window as the previous one, but now the validation error has been resolved. The 'Email' field now contains 'mandigam@gmail.com'. The password field is empty, indicated by three dots (...). The 'Login' button is visible at the bottom of the form. The rest of the page, including the header, navigation bars, and footer, remains the same as in the first screenshot.

S Anvi's Closet X +
localhost:3000/user/login ☆ □ Incognito :
 Anvi's Closet Login SignUp
Apparals

Password must be at least 5 characters and at most 30 characters

Email

Password

Login

About Contact Us © Anvi's Closet

S Anvi's Closet X +
localhost:3000/user/login ☆ □ Incognito :
 Anvi's Closet Login SignUp
Apparals

Wrong password

Email

Password

Login

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/login ☆ Incognito :



Anvi's Closet

Login SignUp

Apparals

Email
mandigam@gmail.com

Password
.....

Login

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/profile ☆ Incognito :



Anvi's Closet

Create an apparel Profile Logout

Apparals

You have successfully logged in

Raksha's apparels

There are no apparels to display.

Raksha's Watchlist

There are no Wish List apparels to display.

Raksha's Apparal Offers

There are no offers to display.

About Contact Us © Anvi's Closet

Showing all the apparals of Raksha : apparals.ejs

Anvi's Closet

localhost:3000/apparals

Create an apparel

Profile

Logout

Apparals

Closet is empty. No apparals to display

Closet is empty. No
apparals to display

Creating a new apparel for the user : newApparal.ejs

About

Contact Us

© Anvi's Closet

Anvi's Closet

Create an apparel

Profile

Logout

Apparals

Category
enter WomensFashion/MensFashion/Kids n Baby

Name
enter Clothing/Accessories/footwear/Jewelry

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

S Anvi's Closet X +
localhost:3000/newapparal ☆ □ Incognito :
 Anvi's Closet Create an apparel Profile Logout
Apparals

Category
enter WomensFashion/MensFashion/Kids n Baby

Name ! Please fill out this field.
enter Clothing/Accessories/footwear/Jewelry

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

S Anvi's Closet X +
localhost:3000/newapparal ☆ □ Incognito :
 Anvi's Closet Create an apparel Profile Logout
Apparals

details Must be at least 10 character!!!

Rating should be less than 5

Category
enter WomensFashion/MensFashion/Kids n Baby

Name
enter Clothing/Accessories/footwear/Jewelry

ImageUrl
enter Image Url

Details
enter Size and specifications

About Contact Us © Anvi's Closet

Anvi's Closet

localhost:3000/newapparal

Anvis Closet

Create an apparel

Profile

Logout

Apparals

Category

kids n baby

Name

footwear

ImageUrl

https://www.skechers.com/dw/image/v2/BDCN_PRD/on/demandware.static/-/Sites-ske

Details

Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings

Rating

4

Submit

About

Contact Us

© Anvi's Closet

Anvi's Closet

localhost:3000/apparals

Anvis Closet

Create an apparel

Profile

Logout

Apparals

A new apparel has been created successfully

kids n baby

- footwear

About

Contact Us

© Anvi's Closet

For seeing the particular category of an apparel - apparelDetail.ejs

The screenshot shows a web browser window for 'Anvi's Closet' at localhost:3000/apparals/6396d78f697958764b00f386. The page has a green header with 'Anvis Closet' logo, 'Create an apparel', 'Profile', and 'Logout'. A green navigation bar at the top says 'Apparals'. Below it, the word 'footwear' is underlined. A purple and white unicorn winged sneaker is displayed. Text below the image includes 'Category - kids n baby', 'Name - footwear', 'Details - Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings', 'Rating - ★ 4', and 'Owner - Raksha Nandigam'. At the bottom, there are 'Edit' and 'Delete' buttons.

For editing the each Apparal data - apparelDetailEdit.ejs

The screenshot shows a web browser window for 'Anvi's Closet' at localhost:3000/apparals/6396d78f697958764b00f386/edit. The page has a green header with 'Anvis Closet' logo, 'Create an apparel', 'Profile', and 'Logout'. A green navigation bar at the top says 'Apparals'. The main area contains a form for editing apparel details:

Category	kids n baby
Name	footwear
ImageUrl	https://www.skechers.com/dw/image/v2/BDCN_PRD/on/demandware.static/-/Sites-ske
Details	Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings
Rating	4

At the bottom right of the form is a 'Submit' button. The footer has 'About', 'Contact Us', and '© Anvi's Closet'.

S Anvi's Closet × +

localhost:3000/apparals/6396d78f697958764b00f386/edit? ☆ Incognito :

Anvi's Closet Create an apparel Profile Logout

Apparals

Category
kids n baby

Name
footwear

ImageUrl
https://www.skechers.com/dw/image/v2/BDCN_PRD/on/demandware.static/-/Sites-ske

Details
Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color

Rating
4

Submit

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/apparals/6396d78f697958764b00f386/edit? ☆ Incognito :

Anvi's Closet Create an apparel Profile Logout

Apparals

apparal has been successfully updated

footwear



Category - kids n baby

Name - footwear

Details - Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color

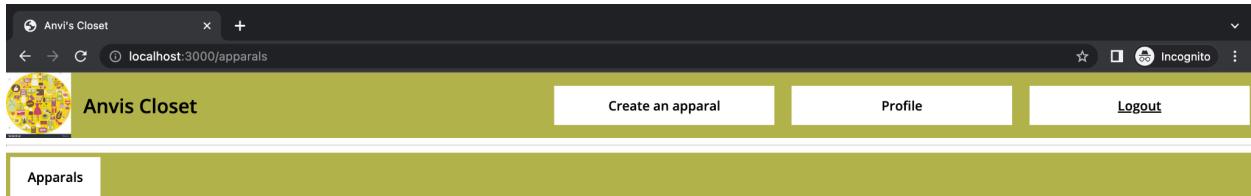
Rating - ★ 4

About

Contact Us

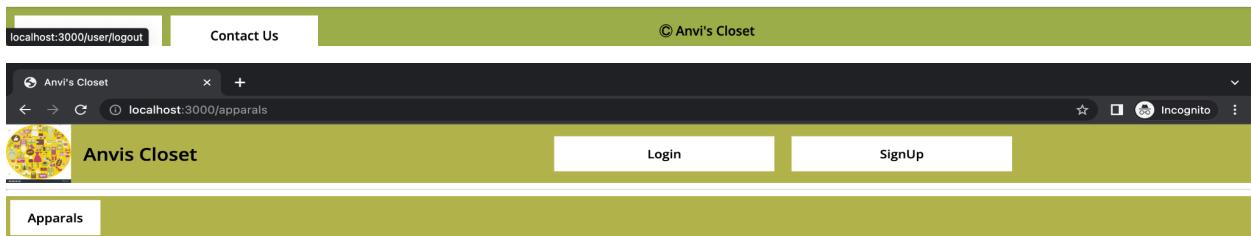
© Anvi's Closet

Now, logging out to see the apparel page and creating a new user to trade the apperals.



kids n baby

- footwear



kids n baby

- footwear

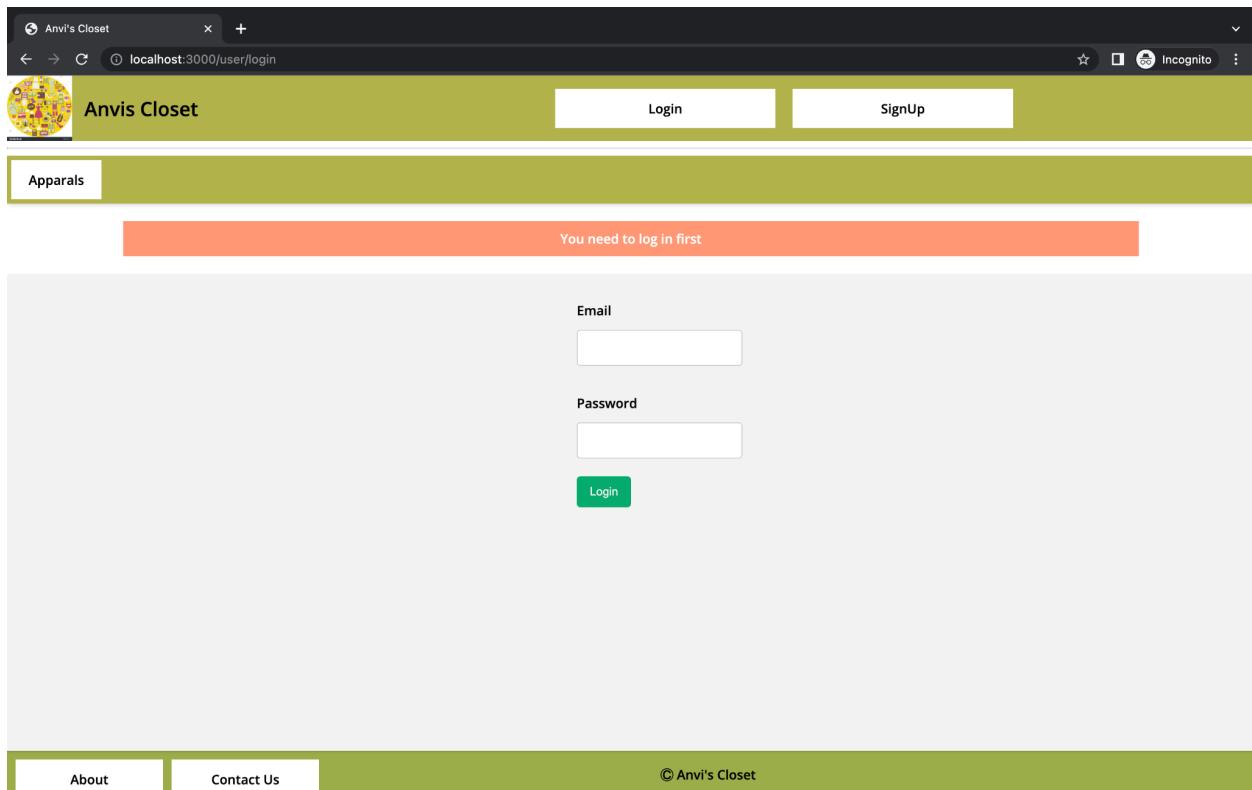


So here, the appals page contains all the appals of all the users, so clicking on each apparel will show the trade apparel and watch options

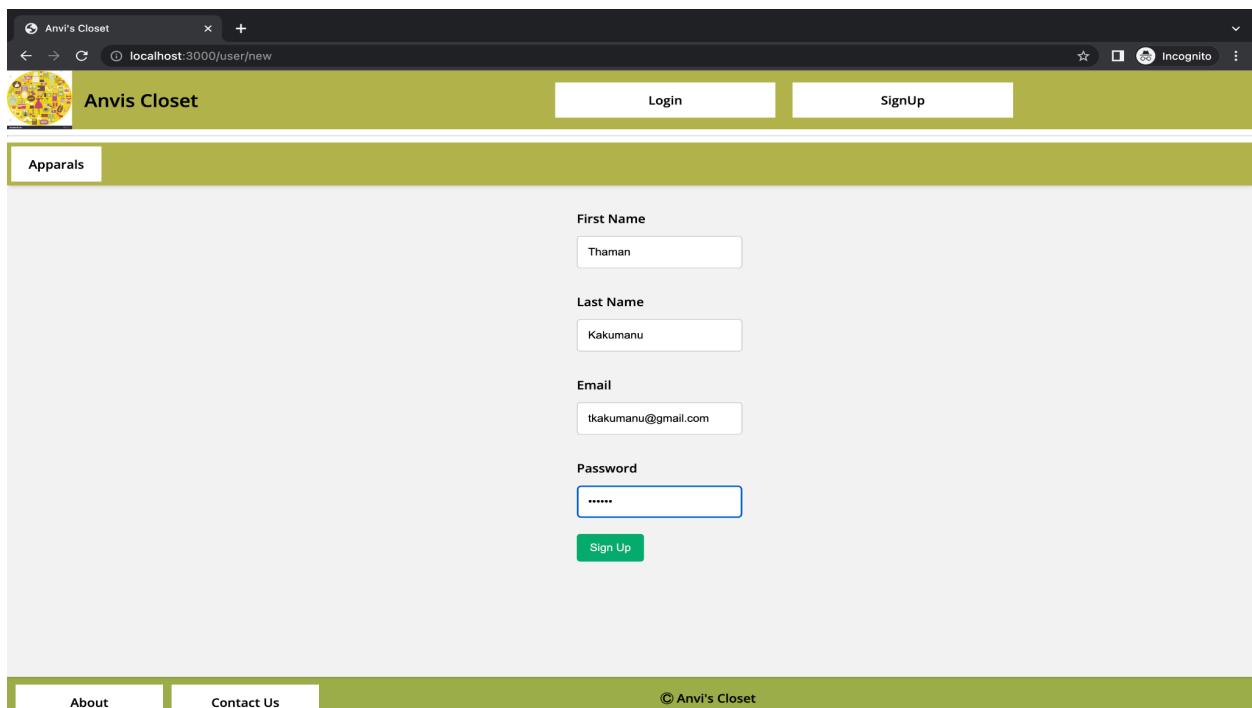
The screenshot shows a web browser window for 'Anvi's Closet' at localhost:3000/appals/6396d78f697958764b00f386. The title bar says 'Appals'. The main content area displays a shoe with wings, labeled 'footwear'. Below it, the category is 'kids n baby', name is 'footwear', details are 'Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color', rating is 'Rating - ★ 4', and owner is 'Raksha Nandigam'. There is a link 'Interested in this apparel??' and two buttons: 'trade apparel' and 'watch'. The footer includes links for 'About' and 'Contact Us', and the copyright '© Anvi's Closet'.

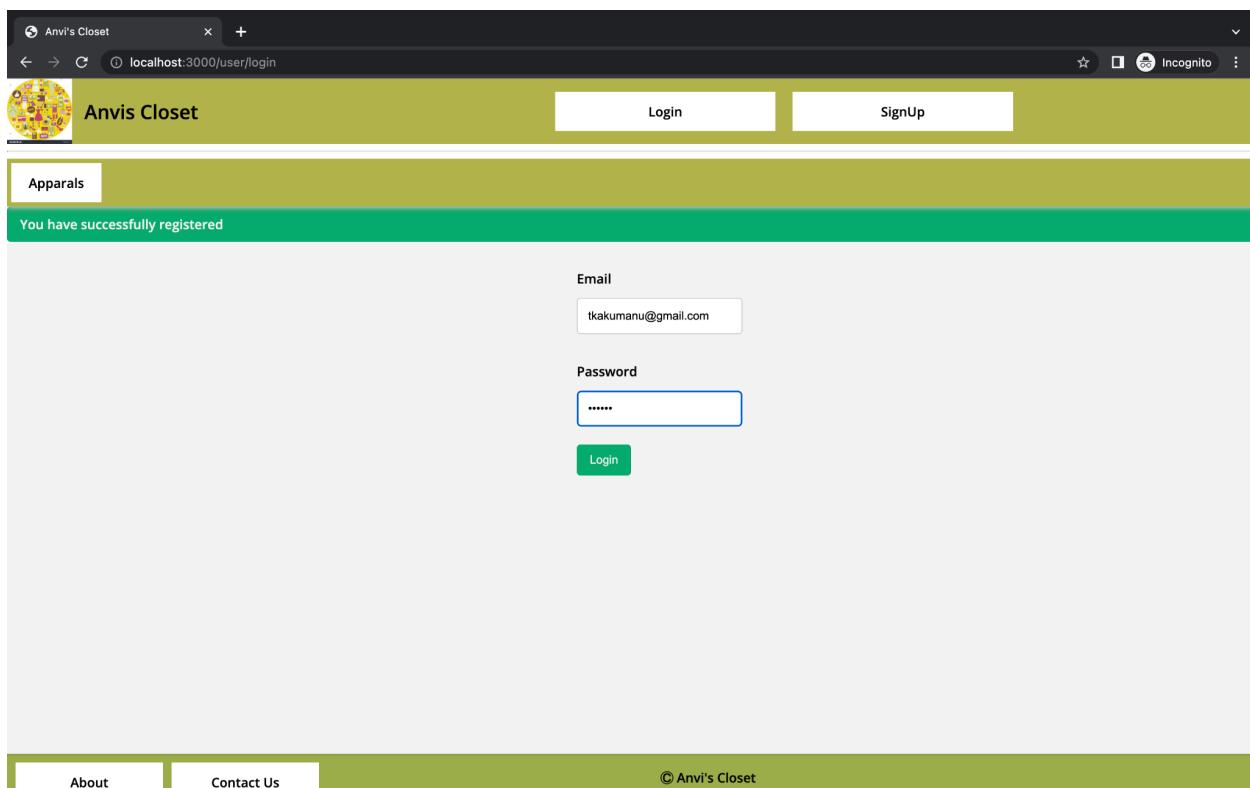
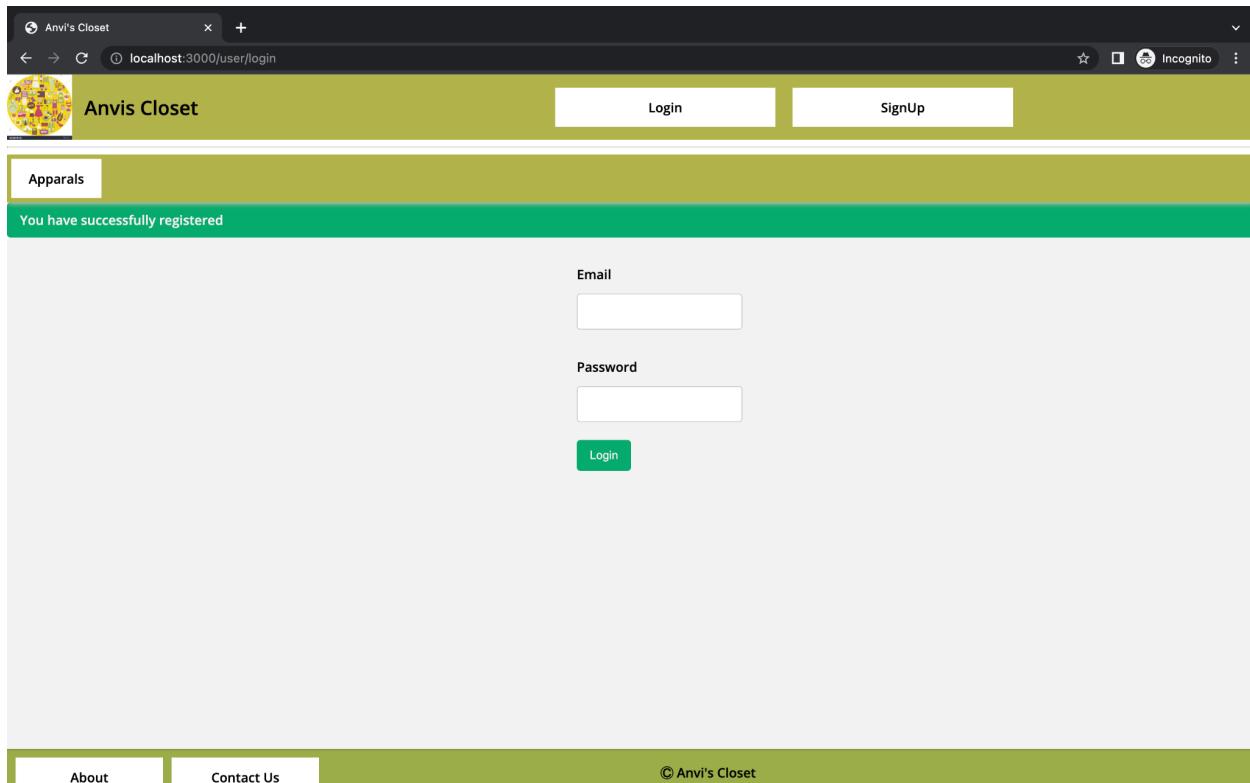
The watch should add the item to watch list and trade apparel should navigate to trade the apparel

The screenshot shows a web browser window for 'Anvi's Closet' at localhost:3000/appals/6396d78f697958764b00f386. The title bar says 'Appals'. The main content area displays a shoe with wings, labeled 'footwear'. Below it, the category is 'kids n baby', name is 'footwear', details are 'Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color', rating is 'Rating - ★ 4', and owner is 'Raksha Nandigam'. There is a link 'Interested in this apparel??' and two buttons: 'trade apparel' and 'watch'. The footer includes links for 'About' and 'Contact Us', and the copyright '© Anvi's Closet'.



So one must need to login first to wishlist or trade the apparel. Lets create another user to trade the items.





Anvi's Closet

localhost:3000/user/profile

Anvi's Closet

Create an apparel

Profile

Logout

Apparals

You have successfully logged in

Thaman's appurals

There are no appurals to display.

Thaman's Watchlist

There are no Wish List appurals to display.

Thaman's Apparal Offers

There are no offers to display.

About

Contact Us

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Lets create one apparel to trade form the Thaman account

Anvi's Closet

localhost:3000/newapperal

Anvi's Closet

Create an apparel

Profile

Logout

Apparals

Category

MensFashion

Name

clothing

ImageUrl

https://img.itwebstatic.com/images3_pi/2022/10/13/1665643716fb8d85f7d02bc7606a

Details

Men Ink Painting Pattern Sweater

Rating

5

Submit

About

Contact Us

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S Anvi's Closet X +
localhost:3000/apparals Incognito :
 Anvi's Closet Create an apparel Profile Logout
Apparals A new apparel has been created successfully

kids n baby

- footwear

MensFashion

- clothing

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So it is showing the total of 2 apparals.

Now, lets trade the kids and baby footwear from Thamans account

S Anvi's Closet X +
localhost:3000/apparals/6396d78f697958764b00f386 Incognito :
footwear



Category - kids n baby

Name - footwear

Details - Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color

Rating - ★ 4

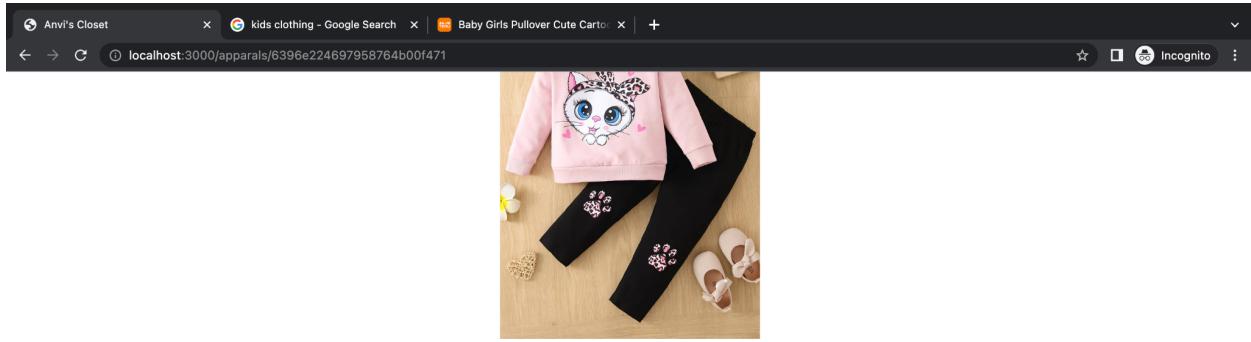
Owner - Raksha Nandigam

Interested in this apparel??

trade apparel watch

About Contact Us © Anvi's Closet

After watching, we can do unwatch apparel offer or cancel apparel offer



Category - kids n baby

Name - clothing

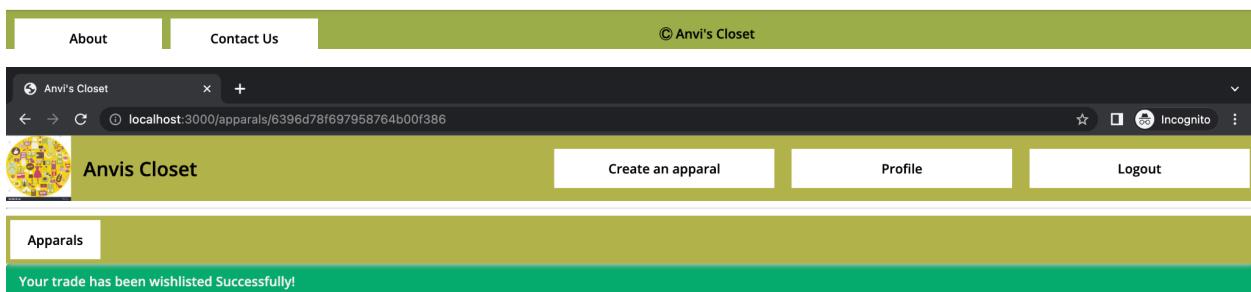
Details - Baby Girls Pullover Cute Cartoon Animals Print Sweatshirt & Pant Kids Clothes

Rating - ★ 5

Owner - Raksha Nandigam

Interested in this apparel??

[Cancel Apparel Offer](#) [unwatch](#)



About Contact Us © Anvi's Closet

Anvi's Closet Create an apparel Profile Logout

Apparals

Your trade has been wishlisted Successfully!

footwear



Category - kids n baby

Name - footwear

Details - Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color

Rating - ★ 4



About Contact Us © Anvi's Closet

The status of the trades, offers and wishlists are in the profile page : profile.ejs

A screenshot of a web browser window titled "Anvi's Closet". The URL is "localhost:3000/user/profile". The page has a green header bar with the title "Anvis Closet" and navigation links for "Create an apparel", "Profile", and "Logout". Below the header is a green navigation bar with the link "Apparals". The main content area is titled "Thaman's apparels" and contains a table with one row. The table columns are "Apparel Name", "Category", "Status", and "Action". The row data is: "clothing", "MensFashion", "Available", and two buttons: "Update" (green) and "Delete" (red).

Thaman's apparel

Apparel Name	Category	Status	Action
clothing	MensFashion	Available	<button>Update</button> <button>Delete</button>

Thaman's Watchlist

Apparel Name	Status	Action
footwear	Available	<button>Remove from Bag</button>

Thaman's Apparal Offers

There are no offers to display.

A screenshot of a web browser window titled "Anvi's Closet". The URL is "localhost:3000/user/apparals/6396d781697958764b00f386". The page has a green footer bar with links for "About", "Contact Us", and "© Anvi's Closet".

The status of the trade is in the Available state.

For trading the apparel it shows the offers page: apparelOffer.ejs

A screenshot of a web browser window titled "Anvi's Closet". The URL is "localhost:3000/user/apparals/6396d781697958764b00f386". The page has a green header bar with the title "Anvis Closet" and navigation links for "Create an apparel", "Profile", and "Logout". Below the header is a green navigation bar with the link "Apparals". The main content area is titled "Yours Trades for offer" and contains a table with one row. The table columns are "Trade Name", "Category", and "Status". The row data is: "clothing", "MensFashion", and "Available". There is also a green "Trade" button.

A screenshot of a web browser window titled "Anvi's Closet". The URL is "localhost:3000/user/apparals/6396d781697958764b00f386". The page has a green footer bar with links for "About", "Contact Us", and "© Anvi's Closet".

Anvi's Closet

localhost:3000/user/apparals/6396d78f697958764b00f386?

Anvis Closet

Create an apparel

Profile

Logout

Apparals

Yours Trades for offer

	Trade Name	Category	Status
	clothing	MensFashion	Available

Trade

About Contact Us © Anvi's Closet

So trading the Rakshas footwear with the items in our apparel list which is clothing. So we are raising request for the apparel trade.

Anvi's Closet

localhost:3000/user/profile

Anvis Closet

Create an apparel

Profile

Logout

Apparals

Apparal has been requested Successfully!

Thaman's apprals

Apparal Name	Category	Status	Action
clothing	MensFashion	In-Process Offer	Update Manage Apparel Offer Delete

Thaman's Watchlist

Apparal Name	Status	Action
footwear	In-Process Offer	Remove from Bag

Thaman's Apparal Offers

Apparal Name	Status	Action
footwear	In-Process Offer	Cancel Order

About Contact Us © Anvi's Closet

So request has been created for the apparel trade. Now we login to the Rakshas account and do approve or reject the trade.

Anvi's Closet

Create an apparel Profile Logout

Apparals

You have successfully logged in

Raksha's apparels

Apparel Name	Category	Status	Action
footwear	kids n baby	In-Process Offer	Update Manage Apparel Offer Delete

Raksha's Watchlist

There are no Wish List apparels to display.

Raksha's Apparal Offers

There are no offers to display.

So the trade is showing in the Rakshas account. And the status is in In-Process Offer state.

Now lets check the Manage Apparel Offer: ManageApparalOffer.ejs

Anvi's Closet

Create an apparel Profile Logout

Apparals

Manage Your Request

customer Apparel	requested Apparel Trade	Action
clothing Men Ink Painting Pattern Sweater	footwear Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color	Approve Cancel

About Contact Us © Anvi's Closet

**So we can approve or reject the offer here
If approves, the status will change to the traded**

The screenshot shows a web browser window for 'Anvi's Closet' at localhost:3000/user/profile. The header includes a logo, 'Anvi's Closet', 'Create an apparel', 'Profile', and 'Logout'. A green navigation bar has 'Apparals' selected. A green success message at the top states 'Apparal has been approved successfully!'. Below it, a table lists 'Raksha's apprals' with one item: 'footwear' under 'Category', 'kids n baby' under 'Status', and 'Traded' under 'Action' with 'Update' and 'Delete' buttons.

Apparal Name	Category	Status	Action
footwear	kids n baby	Traded	<button>Update</button> <button>Delete</button>

Raksha's Watchlist

There are no Wish List apprals to display.

Raksha's Apparal Offers

There are no offers to display.

Now let us create one more apparel in the Rakshas account

The screenshot shows a web browser window for 'Anvi's Closet' at localhost:3000/newapparel. The header includes a logo, 'Anvi's Closet', 'Create an apparel', 'Profile', and 'Logout'. A green navigation bar has 'Apparals' selected. The main form fields are: Category ('kids n baby'), Name ('accessories'), ImageUrl ('https://m.media-amazon.com/images/I/8133fPZAsKL._AC_UL1500_.jpg'), Details ('Girls\' Rainbow Flip Sequin Crossbody Bag - Cat & Jack™'), Rating ('5'), and a 'Submit' button.

A screenshot of a web browser window titled "Anvi's Closet". The address bar shows "localhost:3000/apparals". The page has a yellow header with the logo "Anvi's Closet", a "Create an apparel" button, a "Profile" button, and a "Logout" button. A green navigation bar below the header contains a "Apparals" tab. A green success message at the top of the main content area says "A new apparel has been created successfully". The main content area displays two categories: "kids n baby" with sub-items "footwear" and "accessories", and "MensFashion" with a single item "clothing".

Now lets login into Thamans account and create one more apparel to trade.

A screenshot of a web browser window titled "Anvi's Closet". The address bar shows "localhost:3000/newapparal". The page has a yellow header with the logo "Anvi's Closet", a "Create an apparel" button, a "Profile" button, and a "Logout" button. A green navigation bar below the header contains a "Apparals" tab. The main content area is a form for creating a new apparel. It includes fields for "Category" (set to "MensFashion"), "Name" (set to "footwear"), "ImageUrl" (set to "https://cdn.allbirds.com/image/fetch/q_auto,f_auto,w_1200,f_auto,q_auto,b_rgb:f5f5f5/"), "Details" (set to "Men's Wool Runners"), and "Rating" (set to "123456"). A green "Submit" button is located at the bottom right of the form.

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/newapparal

Rating should be less than 5

Category
enter WomensFashion/MensFashion/Kids n Baby

Name
enter Clothing/Accessories/footwear/Jewelry

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 men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/newapparal

Rating should be less than 5

Category
MensFashion

Name
footwear

ImageUrl
https://cdn.allbirds.com/image/upload/f_auto,q_auto,w_853,b_rgb:f5f5f5/cms/z0Z7JaT

Details
Men's Wool Runners

Rating
4

Submit

About Contact Us © Anvi's Closet

S Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | + Incognito

localhost:3000/apparals

Anvi's Closet Create an apparel Profile Logout

Apparals

A new apparel has been created successfully

kids n baby

- footwear
- accessories

MensFashion

- clothing
- footwear

About Contact Us © Anvi's Closet

Now lets create trade request from Thamans account for the Rakshas Accessories.

S Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | + Incognito

localhost:3000/apparals/6396dcae697958764b00f3f3

Anvi's Closet Create an apparel Profile Logout

Apparals

accessories



Category - kids n baby

Name - accessories

Details - Girls' Rainbow Flip Sequin Crossbody Bag - Cat & Jack™

Rating - ★ 5

Owner - Raksha Nandigam

Interested in this apparel??

trade apparel watch

About Contact Us © Anvi's Closet

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/apparals/6396dcae697958764b00f3f3 Incognito

Anvi's Closet Create an apparel Profile Logout

Apparals Your trade has been wishlisted Successfully!

accessories



Category - kids n baby

Name - accessories

Details - Girls' Rainbow Flip Sequin Crossbody Bag - Cat & Jack™

Rating - ★ 5

Owner - Raksha Nandigam

Interested in this apparel??

trade apparel unwatch

About Contact Us © Anvi's Closet

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/user/apparals/6396dcae697958764b00f3f3 Incognito

Anvi's Closet Create an apparel Profile Logout

Apparals Yours Trades for offer

Trade Name	Category	Status
footwear	MensFashion	Available

Trade

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localhost:3000/user/apparals/6396dcae697958764b00f3f3? Incognito



Anvi's Closet

Create an apparel Profile Logout

Apparals

Yours Trades for offer

Trade Name	Category	Status
footwear	MensFashion	Available

Trade

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localhost:3000/user/profile Incognito



Anvi's Closet

Create an apparel Profile Logout

Apparals

Apparal has been requested Successfully!

Thaman's apprals

Apparal Name	Category	Status	Action
clothing	MensFashion	Traded	Update Delete
footwear	MensFashion	In-Process Offer	Update Manage Apparal Offer Delete

Thaman's Watchlist

Apparal Name	Status	Action
footwear	Traded	Remove from Bag
accessories	In-Process Offer	Remove from Bag

Thaman's Apparal Offers

Apparal Name	Status	Action
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Now instead of approving, lets login and cancel the trade from Rakshas account

customer Apparel	requested Apparel Trade	Action
footwear	accessories Girls's Wool Runners - Cat & Jack™	<button>Approve</button> <button>Cancel</button>

Apparal has been cancelled succesfully

Apparal Name	Category	Status	Action
footwear	kids n baby	Traded	<button>Update</button> <button>Delete</button>
accessories	kids n baby	Available	<button>Update</button> <button>Delete</button>

Raksha's Watchlist

There are no Wish List apparel to display.

Raksha's Apparal Offers

There are no offers to display.

So the status has been changed to the Available and login to the Thaman account and check for the status

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | localhost:3000/user/profile

Anvis Closet Create an apparel Profile Logout

Apparals

You have successfully logged in

Thaman's appurals

Apparal Name	Category	Status	Action
clothing	MensFashion	Traded	<button>Update</button> <button>Delete</button>
footwear	MensFashion	Available	<button>Update</button> <button>Delete</button>

Thaman's Watchlist

Apparal Name	Status	Action
footwear	Traded	<button>Remove from Bag</button>
accessories	Available	<button>Remove from Bag</button>

Thaman's Apparal Offers

There are no offers to display.

About

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**So even in the Thamans account the status has been changed to the Available
Now trade the same apparal again.**

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | localhost:3000/apparals/6396dcae697958764b00f3f3

Anvis Closet Create an apparel Profile Logout

Apparals

accessories

Category - kids n baby

Name - accessories

Details - Girls' Rainbow Flip Sequin Crossbody Bag - Cat & Jack™

Rating - ★ 5

Owner - Raksha Nandigam

Interested in this apparel?

trade apparel unwatch

You have successfully logged in

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/user/apparals/6396dcae697958764b00f3f3? Incognito



Anvi's Closet

Create an apparel Profile Logout

Apparals

Yours Trades for offer

Trade Name	Category	Status
footwear	MensFashion	Available

Trade

About Contact Us © Anvi's Closet

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/user/profile Incognito



Anvi's Closet

Create an apparel Profile Logout

Apparals

Apparal has been requested Successfully!

Thaman's apprals

Apparal Name	Category	Status	Action
clothing	MensFashion	Traded	Update Delete
footwear	MensFashion	In-Process Offer	Update Manage Apparal Offer Delete

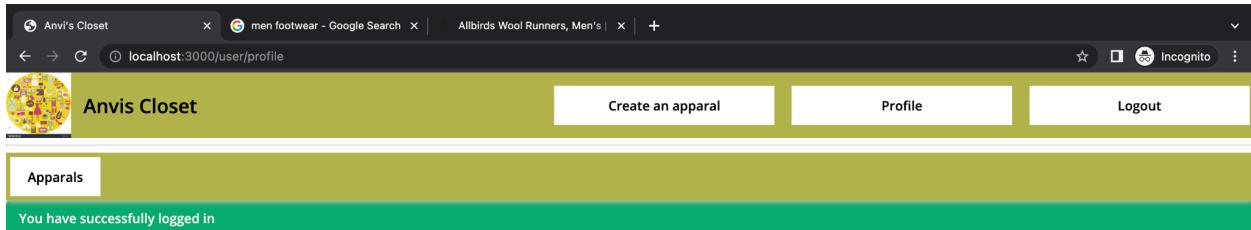
Thaman's Watchlist

Apparal Name	Status	Action
footwear	Traded	Remove from Bag
accessories	In-Process Offer	Remove from Bag

Thaman's Apparal Offers

Apparal Name	Status	Action
About Contact Us © Anvi's Closet		

The status has been changed to the In-Process Offer state and now, login to rakshas account and delete the item instead of approving or rejecting it



Anvi's Closet user profile page. The top navigation bar includes 'Create an apparel', 'Profile', and 'Logout'. A green banner at the bottom says 'You have successfully logged in'. The main content area shows 'Raksha's appurals' with a table:

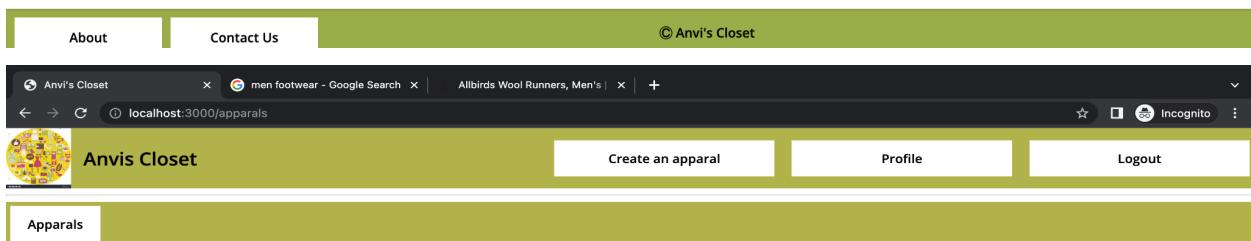
Apparal Name	Category	Status	Action
footwear	kids n baby	Traded	Update Delete
accessories	kids n baby	In-Process Offer	Update Manage Apparel Offer Delete

Raksha's Watchlist

There are no Wish List appurals to display.

Raksha's Apparal Offers

There are no offers to display.



Anvi's Closet apparel category page. The top navigation bar includes 'About', 'Contact Us', and '© Anvi's Closet'. The main content area shows categories under 'kids n baby' and 'MensFashion':

- kids n baby**
 - footwear
 - accessories
- MensFashion**
 - clothing
 - footwear



Anvi's Closet apparel category page. The top navigation bar includes 'About', 'Contact Us', and '© Anvi's Closet'. The main content area shows categories under 'kids n baby' and 'MensFashion':

- kids n baby**
 - footwear
 - accessories
- MensFashion**
 - clothing
 - footwear

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/apparals/6396dcae697958764b00f3f3 Incognito

Anvis Closet Create an apparel Profile Logout

Apparals

accessories



Category - kids n baby

Name - accessories

Details - Girls' Rainbow Flip Sequin Crossbody Bag - Cat & Jack™

Rating - ★ 5

Owner - Raksha Nandigam

Edit Delete

About Contact Us © Anvi's Closet

Anvi's Closet men footwear - Google Search Allbirds Wool Runners, Men's | +

localhost:3000/apparals Incognito

Anvis Closet Create an apparel Profile Logout

Apparals

kids n baby

- footwear

MensFashion

- clothing
- footwear

About Contact Us © Anvi's Closet

Now the accessories should get removed from the wishlist of Thamans and trades of Thamans

The screenshot shows a browser window with three tabs: 'Anvi's Closet', 'men footwear - Google Search', and 'Allbirds Wool Runners, Men's'. The main content area has a yellow header bar with the 'Anvis Closet' logo and navigation links for 'Create an apparel', 'Profile', and 'Logout'. Below this is a green navigation bar with the 'Apparals' tab selected. A success message 'You have successfully logged in' is displayed. The main content area shows two tables: 'Thaman's apparel' and 'Thaman's Watchlist'.

Thaman's apparel

Apparal Name	Category	Status	Action
clothing	MensFashion	Traded	<button>Update</button> <button>Delete</button>
footwear	MensFashion	Available	<button>Update</button> <button>Delete</button>

Thaman's Watchlist

Apparal Name	Status	Action
footwear	Traded	<button>Remove from Bag</button>

Thaman's Apparal Offers

There are no offers to display.

And the status of footwear changed to the Available.
The About page will describe about the Anvis closet: about.ejs

The screenshot shows a browser window with three tabs: 'Anvi's Closet', 'men footwear - Google Search', and 'Allbirds Wool Runners, Men's'. The main content area has a yellow header bar with the 'Anvis Closet' logo and navigation links for 'Create an apparel', 'Profile', and 'Logout'. Below this is a green navigation bar with the 'Apparals' tab selected. The main content area displays the 'About Anvis Closet' message: 'About Anvis Closet, A place where you find the best clothing closet'. At the bottom is a green footer bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.

The contact page will give the contact details of Anvis closet:contactUs.ejs

A screenshot of a web browser window showing the 'Anvis Closet' contact page. The page has a green header with the logo and navigation links: 'Create an apparel', 'Profile', and 'Logout'. Below the header, there's a yellow bar with the link 'Apparals'. The main content area displays contact information: Address - 9505 University Terrace Drive, Phone - (704)-974-0266, and Email - sponnaga@uncc.edu. At the bottom, there's a footer with links for 'About', 'Contact Us', and '© Anvi's Closet'.

The Mongo database shows the data as below. The demos folder shows all the backed details

A screenshot of the MongoDB Compass interface. The left sidebar shows the database structure with a tree view. Under the 'demos' collection, there are five sub-collections: 'apparaloffers', 'apparals', 'apparaltradewatches', 'sessions', and 'users'. The main pane displays the statistics for each collection: storage size, number of documents, average document size, number of indexes, and total index size. For example, the 'apparaloffers' collection has 0 documents and 1 index, totaling 12.29 kB.

Collection	Storage size	Documents	Avg. document size	Indexes	Total index size
apparaloffers	8.19 kB	0	0 B	1	12.29 kB
apparals	20.48 kB	3	385.00 B	1	36.86 kB
apparaltradewatches	20.48 kB	1	124.00 B	1	36.86 kB
sessions	20.48 kB	1	267.00 B	2	73.73 kB
users	20.48 kB	9	179.00 B	2	73.73 kB

The user data has been stored in the users folder : user.js

The screenshot shows the MongoDB Compass interface with the database 'demos' selected. The 'users' collection is currently viewed, containing three documents. Each document is represented by a card with the following fields:

- _id:** ObjectId ('63969571a3aa5299771d937d')
- firstName:** "Teja"
- lastName:** "chowdary"
- email:** "techow@gmail.com"
- password:** "52b\$10\$uVdQrWnHgIDKdmaoh7/Tu0uI4lnCtpHTzncah.aT2t5g8jmlEBzpy"
- _v:** 0

Below this, two more documents are shown with similar structure but different data.

The apparel data stored in the apperals folder : apparel.js

The screenshot shows the MongoDB Compass interface with the database 'demos' selected. The 'apperrals' collection is currently viewed, containing three documents. Each document is represented by a card with the following fields:

- _id:** ObjectId ('6396d78f697958764b00f386')
- Category:** "Kids n baby"
- Name:** "footwear"
- Details:** "Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color"
- Rating:** "4"
- status:** "Traded"
- imageUrl:** "https://www.skechers.com/dw/image/v2/BDCN_PRD/on/demandware.static/-/S..."
- Owner:** ObjectId ('6396d615697958764b00f375')
- createdAt:** 2022-12-12T07:26:07.236+00:00
- updatedAt:** 2022-12-12T07:44:11.585+00:00
- _v:** 0

Below this, two more documents are shown with similar structure but different data.

The apparel offers has been stored in the apparel Offers page: apparelOffer.js

The screenshot shows the MongoDB Compass interface. On the left, the sidebar lists databases and collections. The 'demos' database is selected, and the 'apparaloffers' collection is highlighted with a blue border. The main pane displays the 'Documents' tab for the 'apparaloffers' collection. It shows one document with the following data:

```
_id: ObjectId('6396e240697958764b0f48b')
creator: ObjectId('6396d615697958764b0bf375')
customerApparel: ObjectId('6396d4d7697958764b0bf401')
customer: ObjectId('6396d9da697958764b0bf3a4')
requestApparelTrade: ObjectId('6396e224697958764b0f471')
createdAt: 2022-12-12T08:11:44.207+00:00
updatedAt: 2022-12-12T08:11:44.207+00:00
__v: 0
```

The top right corner of the interface shows '0 DOCUMENTS' and '1 INDEXES'.

wishlist of apparels stored in apparel trade watches folder: apparelWatch.js

All the 4xx and 5xx errors has been handled as below

footwear

Category - kids n baby

Name - footwear

Details - Twinkle Toes: Twi-Lites 2.0 - Unicorn Wings pink in color

Rating - ★ 4

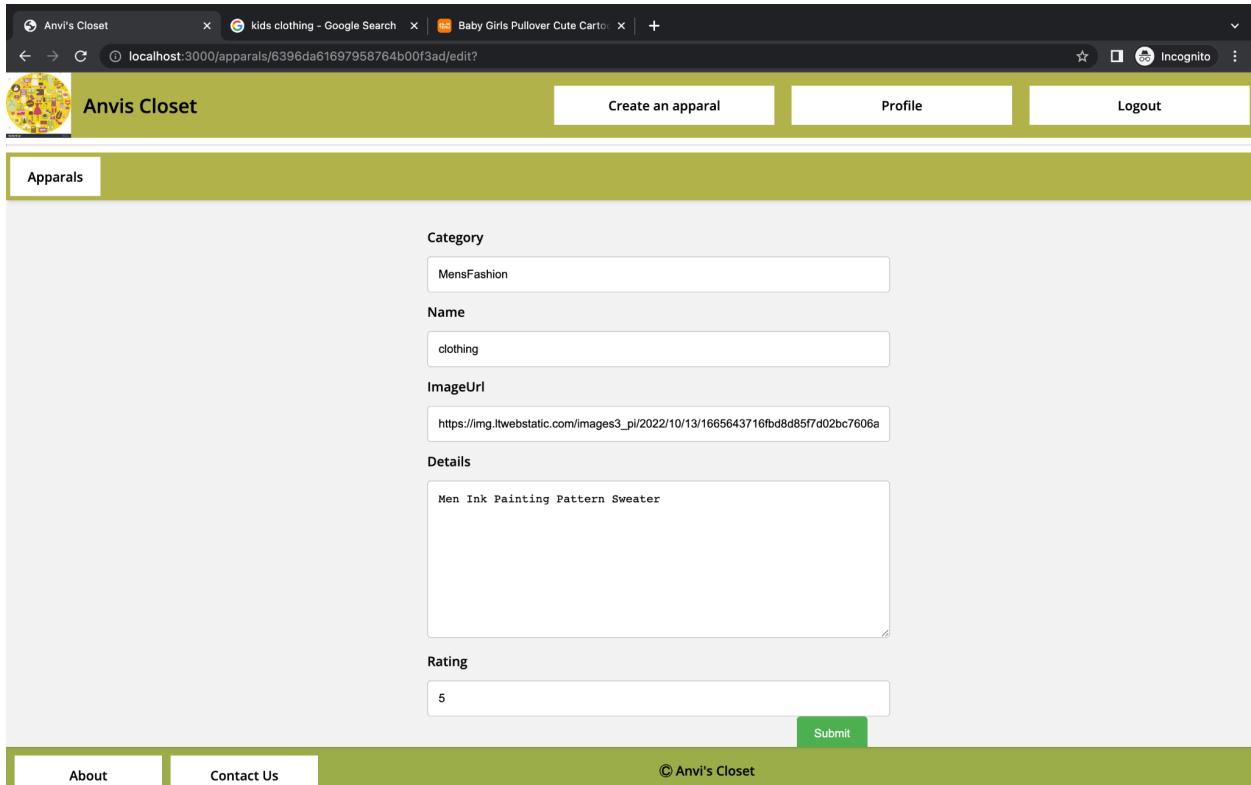
Owner - Raksha Nandigam

Invalid Apparal ID:

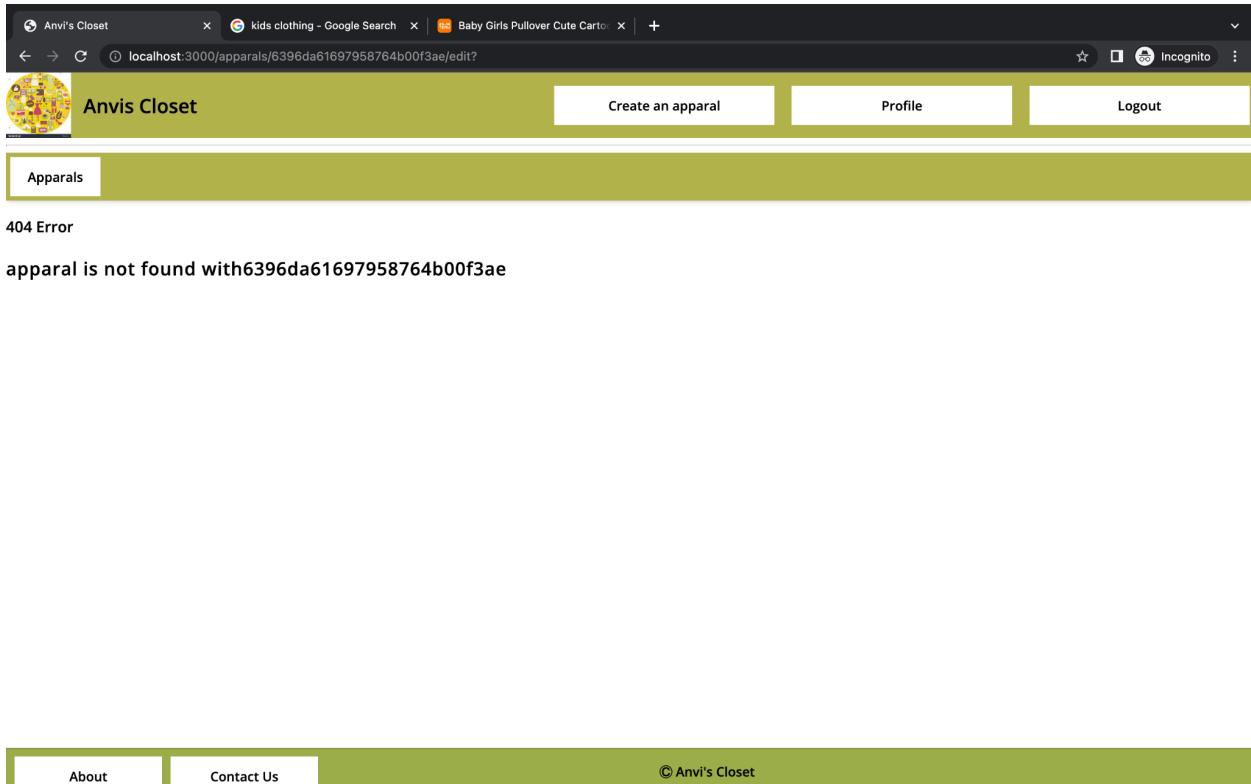
A screenshot of a web browser window showing a 404 error page. The title bar says "localhost:3000/apparals/6396d78f697958764b00f387". The page has a green header with the logo "Anvi's Closet" and navigation links for "Create an apparel", "Profile", and "Logout". A yellow banner below the header says "Apparals". The main content area displays the text "404 Error" and "No apparel with id identified 6396d78f697958764b00f387".

Invalid ID in the edit list

A screenshot of a web browser window showing an invalid apparel edit page. The title bar says "localhost:3000/apparals/6396da61697958764b00f3ad". The page has a green header with the logo "Anvi's Closet" and navigation links for "Contact Us" and "© Anvi's Closet". The main content area shows a men's sweater with a bridge and building pattern. Below the image, the text "Category - MensFashion", "Name - clothing", "Details - Men Ink Painting Pattern Sweater", "Rating - ★ 5", and "Owner - Thaman Kakumanu" is displayed. At the bottom, there are "Edit" and "Delete" buttons.



A screenshot of a web browser showing the 'Anvi's Closet' application. The URL in the address bar is `localhost:3000/apparals/6396da61697958764b00f3ad/edit?`. The page has a green header with the title 'Anvi's Closet'. On the right of the header are three buttons: 'Create an apparel', 'Profile', and 'Logout'. Below the header is a green navigation bar with the text 'Apparals' in white. The main content area contains several input fields: 'Category' (MensFashion), 'Name' (clothing), 'ImageUrl' (a URL to a placeholder image), 'Details' (Men Ink Painting Pattern Sweater), 'Rating' (5), and a 'Submit' button. At the bottom of the page is a green footer bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.



A screenshot of a web browser showing a 404 error page from the 'Anvi's Closet' application. The URL in the address bar is `localhost:3000/apparals/6396da61697958764b00f3ae/edit?`. The page has a green header with the title 'Anvi's Closet'. On the right of the header are three buttons: 'Create an apparel', 'Profile', and 'Logout'. Below the header is a green navigation bar with the text 'Apparals' in white. The main content area displays the error message '404 Error' and 'apparal is not found with6396da61697958764b00f3ae'. At the bottom of the page is a green footer bar with links for 'About', 'Contact Us', and '© Anvi's Closet'.

Error handling for the authentication: auth.js

The image displays two screenshots of a web browser window for the "Anvi's Closet" application, illustrating error handling for user authentication.

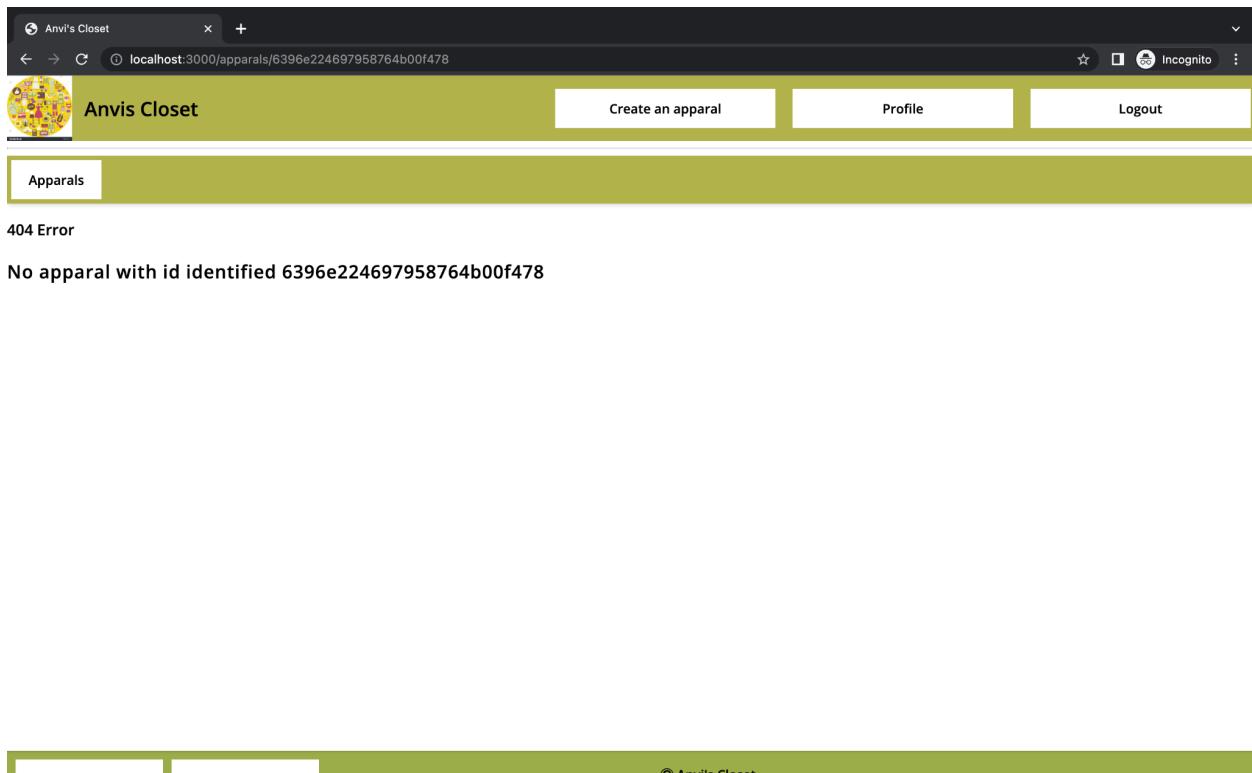
Screenshot 1: You need to log in first

This screenshot shows the login page after a user has tried to access a protected area without logging in. A red horizontal bar at the top of the main content area displays the message "You need to log in first". The page contains fields for "Email" and "Password", and a green "Login" button.

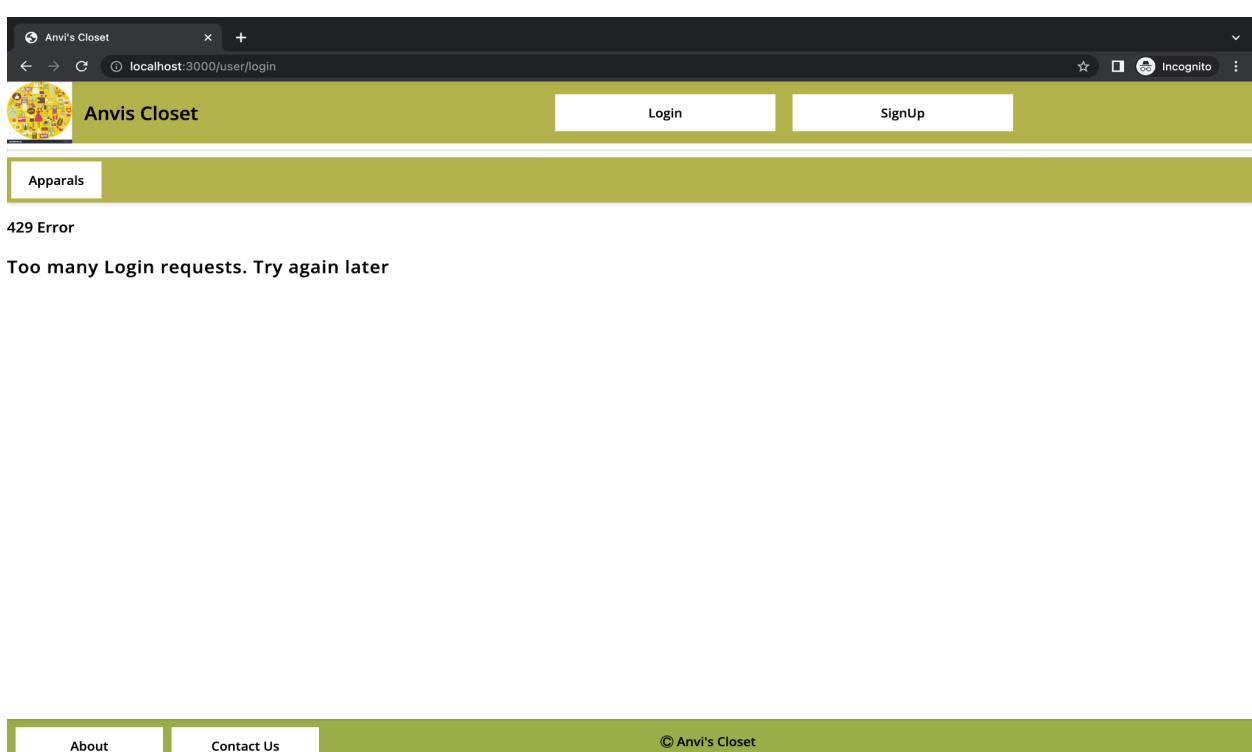
Screenshot 2: Wrong password

This screenshot shows the login page after a user has entered an incorrect password. A red horizontal bar at the top of the main content area displays the message "Wrong password". The page contains fields for "Email" and "Password", and a green "Login" button. The "Email" field is populated with "sponnaga@uncc.edu".

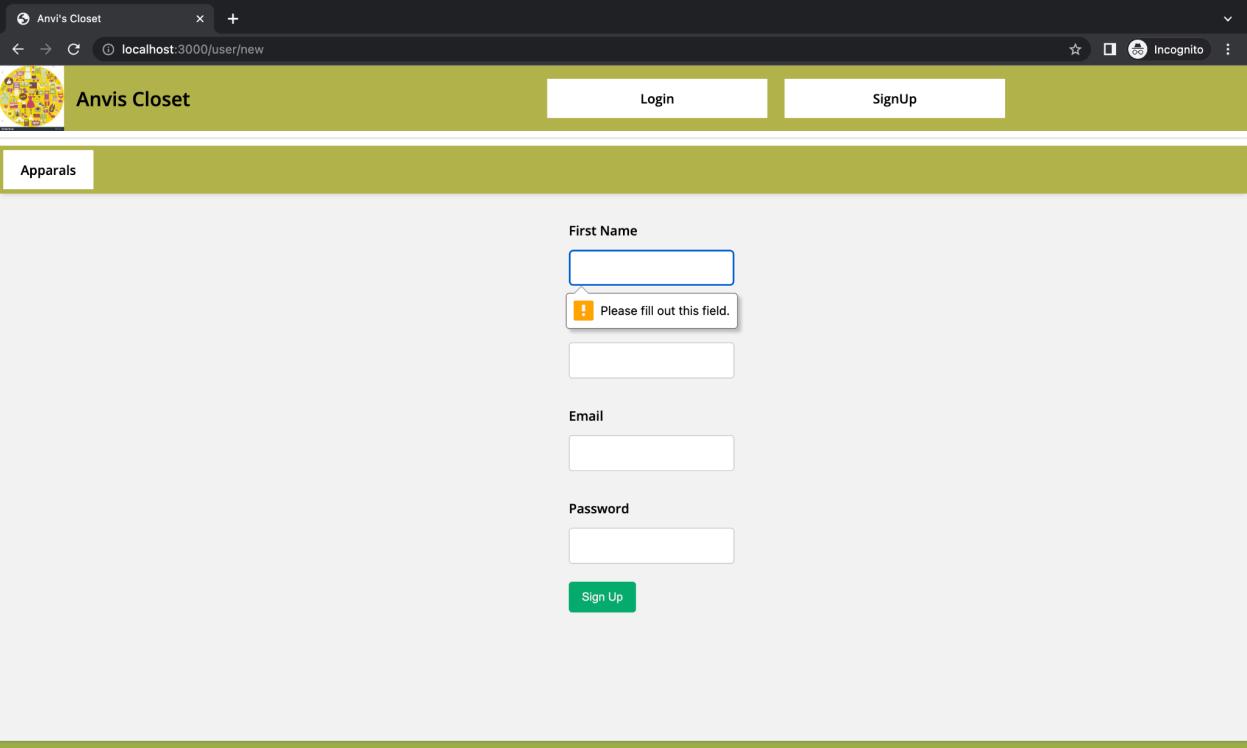
Both screenshots show the browser's header with the title "Anvi's Closet" and the URL "localhost:3000/user/login". The browser interface includes standard navigation buttons (back, forward, search) and a tab labeled "Incognito". The application's footer includes links for "About", "Contact Us", and "© Anvi's Closet".



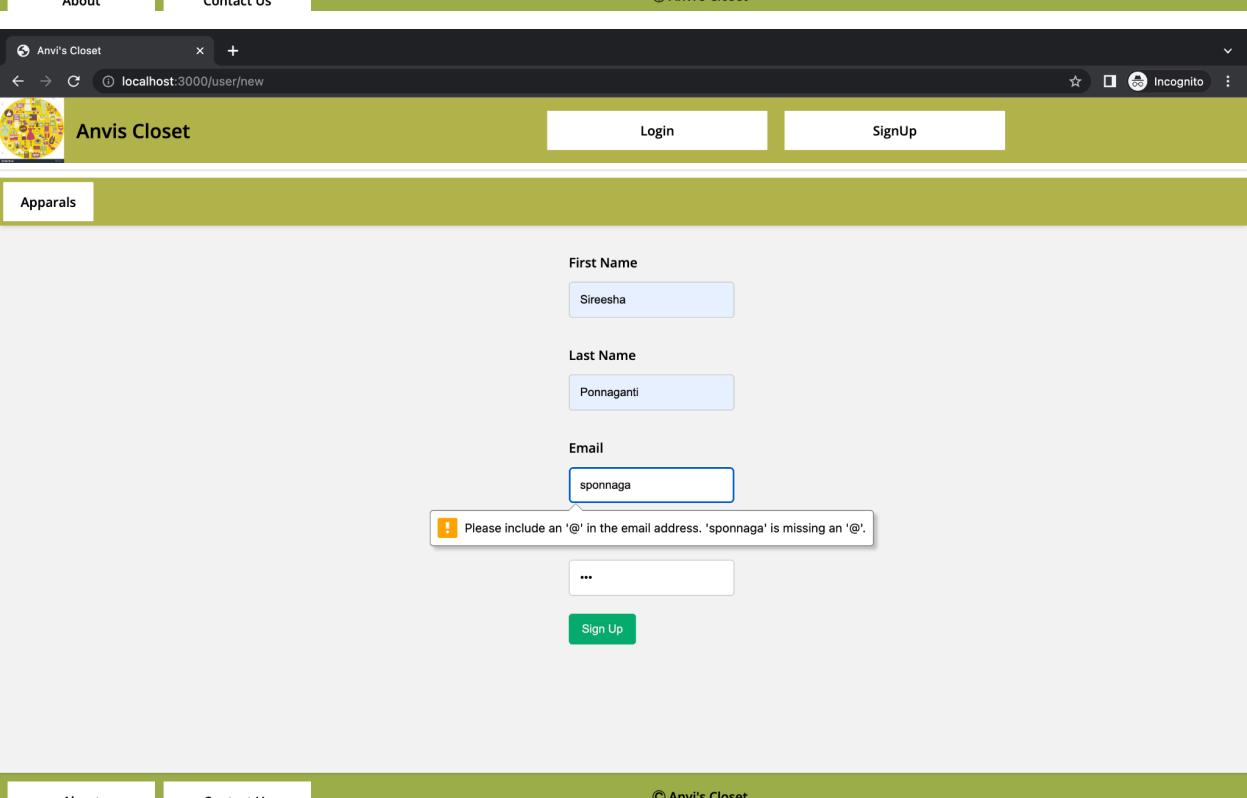
Limiting the number of wrong attempts to login :rateLimiters.js



Validating the signup and login credentials: validator.js



The screenshot shows the Anvi's Closet sign-up page at localhost:3000/user/new. The page has a green header with the logo and navigation links for 'Login' and 'SignUp'. A 'Apparals' tab is selected. The sign-up form includes fields for 'First Name' (empty), 'Email' (empty), and 'Password' (empty). A validation message 'Please fill out this field.' is displayed above the first name input. A green 'Sign Up' button is at the bottom.



The second screenshot shows the same sign-up page after entering 'Sireesha' in the first name field and 'sponnaga' in the email field. A validation message 'Please include an '@' in the email address. 'sponnaga' is missing an '@.' is displayed above the email input. The rest of the form and the page structure remain the same.

S Anvi's Closet × +

localhost:3000/user/new

Incognito :

Anvis Closet

Login SignUp

Apparals

First Name
Sireesha

Last Name
Ponnaganti

Email
sponnaga@uncc.edu

Password

Sign Up

About Contact Us © Anvi's Closet

S Anvi's Closet × +

localhost:3000/user/new

Incognito :

Anvis Closet

Login SignUp

Apparals

Password must be at least 5 characters and at most 30 characters

First Name

Last Name

Email

Password

Sign Up

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S Anvi's Closet × +

localhost:3000/user/login ☆ □ Incognito :

Anvi's Closet

Login SignUp

Apparals

Email
sponnaga@uncc.edu

Password
...

Login

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This screenshot shows a successful login attempt. The browser title bar reads "Anvi's Closet" and the address bar shows "localhost:3000/user/login". The main content area displays the "Anvi's Closet" logo, a "Login" and "SignUp" button, and a "Apparals" tab. Below these are fields for "Email" (sponnaga@uncc.edu) and "Password" (represented by three dots). A green "Login" button is visible. At the bottom, there are links for "About" and "Contact Us", and a copyright notice "© Anvi's Closet".

S Anvi's Closet × +

localhost:3000/user/login ☆ □ Incognito :

Anvi's Closet

Login SignUp

Apparals

Password must be at least 5 characters and at most 30 characters

Email
[empty input field]

Password
[empty input field]

Login

About Contact Us © Anvi's Closet

This screenshot shows an invalid password attempt. The browser title bar and address bar are identical to the first screenshot. The main content area shows the same layout: logo, buttons, and tabs. However, the "Password" field is empty, and a red horizontal bar above the password field displays the validation message "Password must be at least 5 characters and at most 30 characters". The "Email" field is also empty. The "Login" button is present. The bottom navigation links and copyright notice are the same as the first screenshot.

S Anvi's Closet X +
localhost:3000/newapparal ☆ □ Incognito :
 Anvi's Closet Create an apparel Profile Logout
Apparals

Category
Womens Fashion

Name
footwear

ImageUrl
https://www.colehaan.com/on/demandware.static/-/Sites-itemmaster_colehaan/default

Details
123

Rating
g

Submit

About Contact Us © Anvi's Closet

S Anvi's Closet X +
localhost:3000/newapparal ☆ □ Incognito :
 Anvi's Closet Create an apparel Profile Logout
Apparals

details Must be at least 10 character!!!

Rating should be less than 5

Category
enter WomensFashion/MensFashion/Kids n Baby

Name
enter Clothing/Accessories/footwear/Jewelry

ImageUrl
enter Image Url

Details
enter Size and specifications

About Contact Us © Anvi's Closet

Explanation:

The MVC architecture has been used in this project. Model, View, Controller, Middlewares, Route, public, services and views 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. In this project the folders like the apparelOffer.js and apparelWatch.js has been added which models the Offers and Wishlisted apparels

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. The rateLimiter.js has been newly implemented to trigger a message when the number of login attempts exceeds. And few extra validations like validateSignUpMiddleware, validateLogInMiddleware, validateApparal has been implemented for the correct format of data when the user SignUp or Login account.

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 user routes contains the removeWishList, makeAapparalOffer, cancelApparalOffer, approveApparalOffer,

manageApparalOffer, the showTrades which are used to management, making, cancelling and approving the offers and wishlisted items.

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 newApparal.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. The apparelOffer.ejs and manageApparalOffer.ejs have been implemented to manage the apparel offers and the wishlisted items. This handles the Customer and the requester data more frequently.

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 clicked 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.