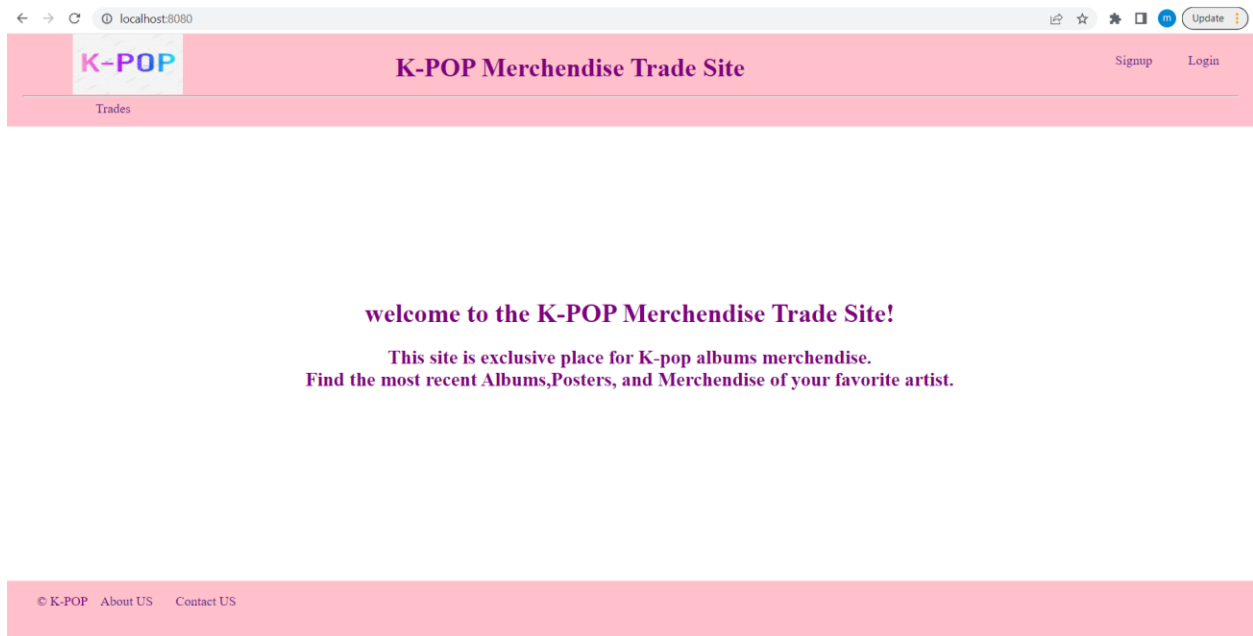


# Project 5 - Secure and Minimum Viable Application

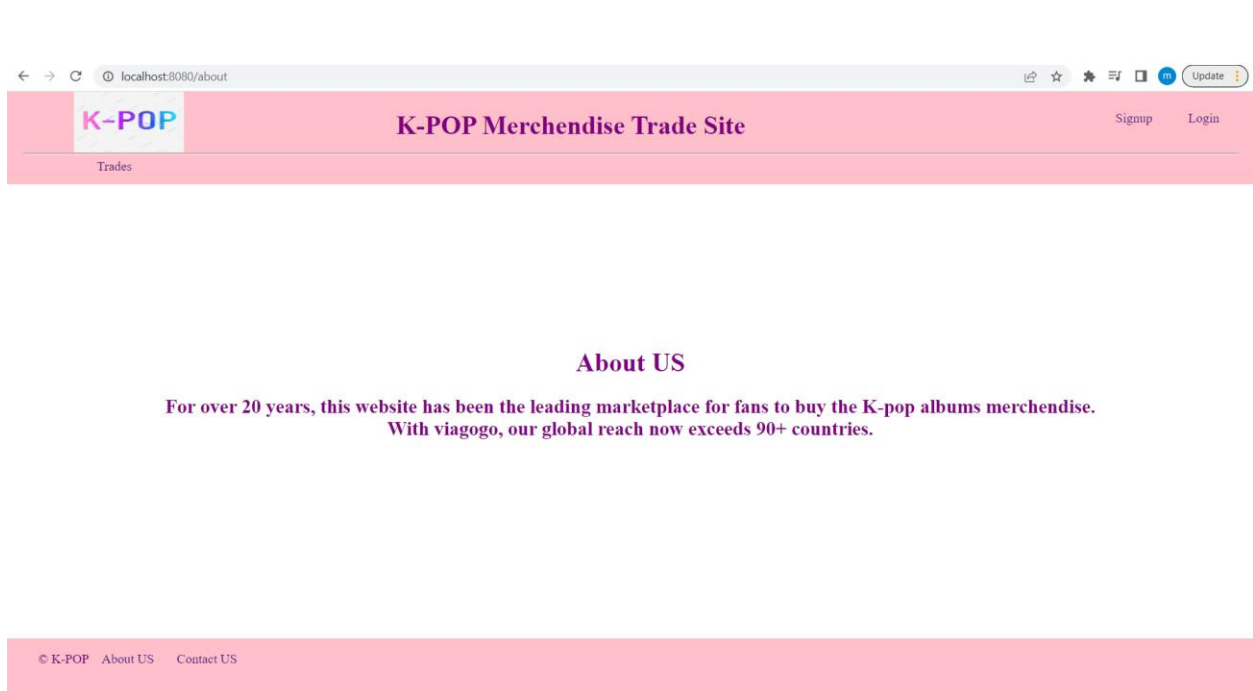
## Home Page:

Any user can view the home page of the application



## About US:

Any user can view the about us page of the application



## Contact US:

Any user can view the contact us page of the application



**Contact US**  
Please reach out to kpop@gmail.com

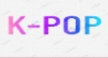
## Trades:

When no trade items are added



## Sing up

← → ↻ localhost:8080/users/new

 **K-POP Merchandise Trade Site** [Signup](#) [Login](#)

---

Trades

First Name   
Last Name   
Email Address   
Password

[Sign Up](#)

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## Login

← → ↻ localhost:8080/users/login

 **K-POP Merchandise Trade Site** [Signup](#) [Login](#)

---

Trades

Email Address   
Password

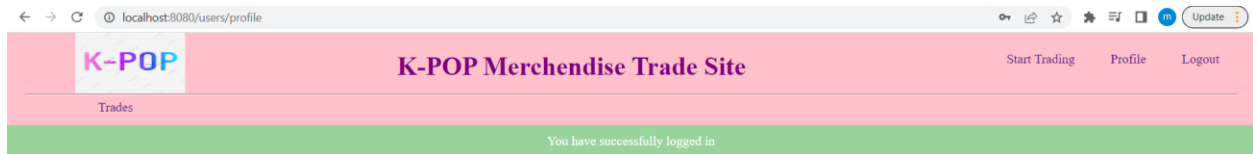
[Login](#)

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## Profile Page:

Once the user creates an account and logs in using the credentials, the user will be redirected to the profile page. Here it will display the data they have created

**Successfully Logged:** When the user login into the application after signup



### Welcome, Proof

You have not created any trades

#### Your Watchlist:

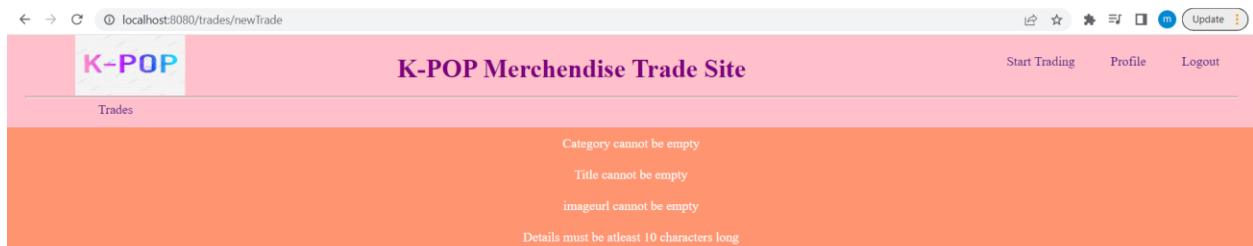
No trades added in the watchlist

#### Your Offers:

No offers created



**Error:** When the user clicks on Create Album without entering the data in the fields



### Start Trading

Category	<input type="text" value="Enter Category"/>
Title	<input type="text" value="Enter Title"/>
Image URL	<input type="text" value="Enter Image URL"/>
Details	<input type="text" value="Description"/>

Create Album



**Success Message:** Once the user has created the trade the below message will be displayed



Trade details of the product created by user1



**Profile Page:** After adding all the trades the profile page of user1

The screenshot shows the profile page of user1 on the K-POP Merchandise Trade Site. The browser address bar shows 'localhost:8080/users/profile'. The page has a pink header with the site logo and navigation links. A 'Trades' section displays a table of trades. Below the table, there are sections for 'Your Watchlist' and 'Your Offers', both showing 'No trades added' or 'No offers created'. The footer contains copyright information and links.

Title	Category	Status	Actions	
<a href="#">Proof</a>	BTS	Available	<a href="#">Update</a>	<a href="#">Delete</a>
<a href="#">Love Yourself</a>	BTS	Available	<a href="#">Update</a>	<a href="#">Delete</a>
<a href="#">Born pink</a>	Black Pink	Available	<a href="#">Update</a>	<a href="#">Delete</a>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**  
No offers created

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**User2:** When the user2 logs into the application after signup

The screenshot shows the profile page of user2 on the K-POP Merchandise Trade Site. The browser address bar shows 'localhost:8080/users/profile'. The page has a pink header with the site logo and navigation links. A green banner at the top of the main content area says 'You have successfully logged in'. Below this, there is a 'Trades' section. The 'Your Watchlist' and 'Your Offers' sections show 'No trades added' or 'No offers created'. The footer contains copyright information and links.

You have successfully logged in

**Trades**

**Welcome, Test**

You have not created any trades

**Your Watchlist:**  
No trades added in the watchlist

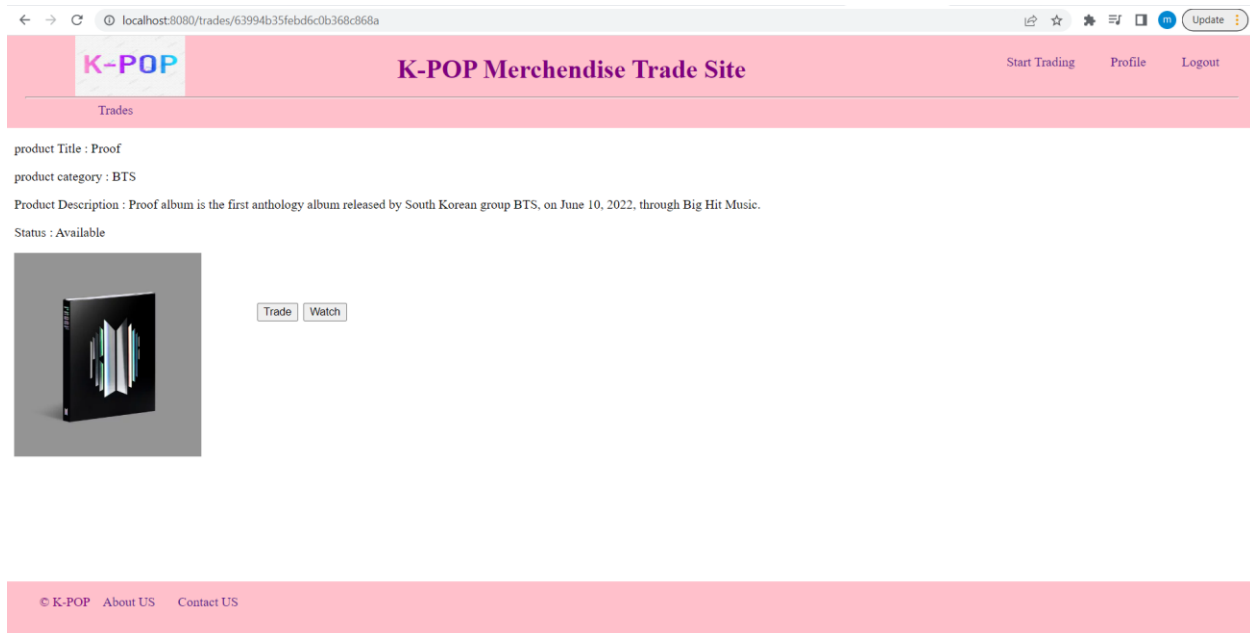
**Your Offers:**  
No offers created

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**Trades page for User2:** Before the user2 creates the products in the trades page it will be the list of products



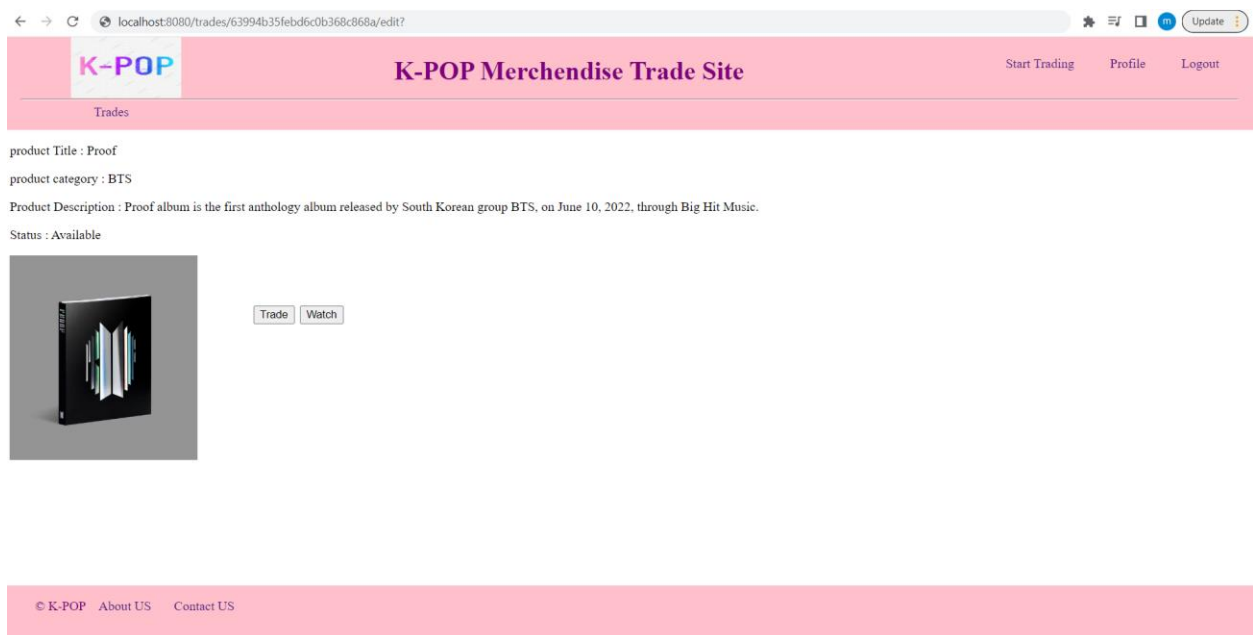
**Trade Details Page:** when the user opens the trade details page the watch and Trade buttons are displayed to the user who hasn't created that trade



when the user tries to trade a product without creating a trade item



**Unauthorized access:** When the user tries to edit the trade item which is not created by them







## welcome to the K-POP Merchandise Trade Site!

This site is exclusive place for K-pop albums merchandise.  
Find the most recent Albums, Posters, and Merchandise of your favorite artist.

**Watch:** When the user adds an item to the watchlist



### Welcome, Test

You have not created any trades

#### Your Watchlist:

Title	Category	Status	Actions
<a href="#">Proof</a>	BTS	Available	<button>UnWatch</button>

#### Your Offers:

No offers created

## Unwatch: When the user removes the item from the watchlist

The screenshot shows a web browser at localhost:8080/users/profile. The page has a pink header with the K-POP logo and 'K-POP Merchandise Trade Site'. Navigation links include 'Start Trading', 'Profile', and 'Logout'. A green banner states 'Trade removed from the watchlist'. The main content area says 'Welcome, Test' and 'You have not created any trades'. It also shows 'Your Watchlist:' with 'No trades added in the watchlist' and 'Your Offers:' with 'No offers created'. The footer contains '© K-POP', 'About US', and 'Contact US'.

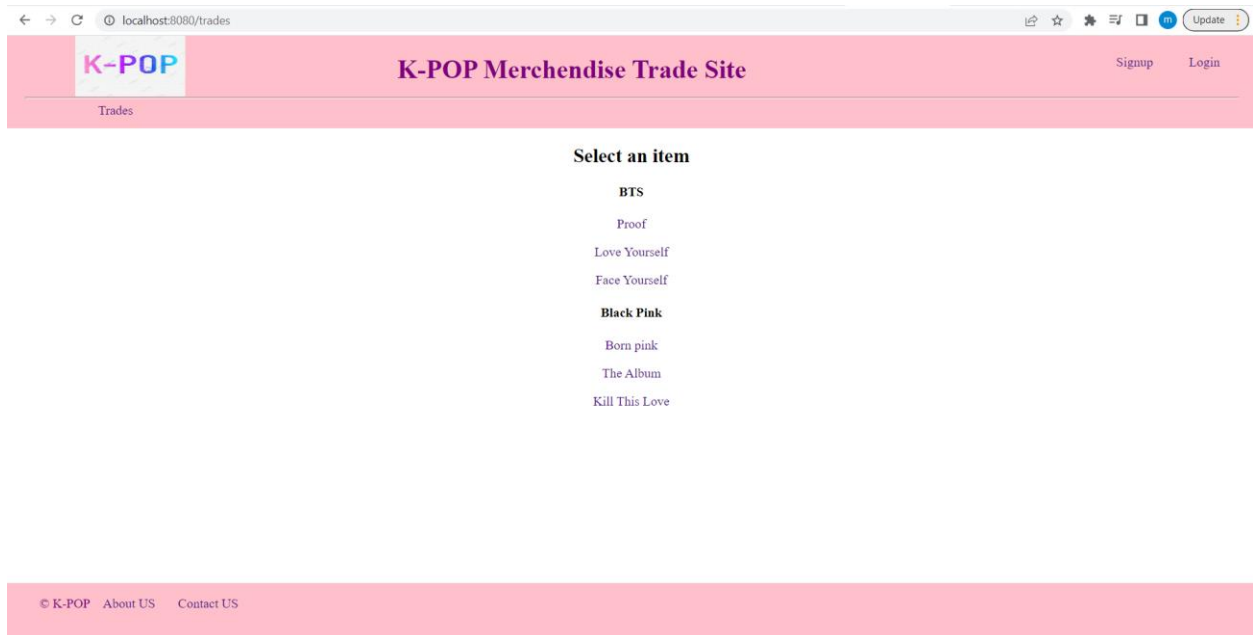
## User 2 profile page: After adding the items for trade the profile page of the user2.

The screenshot shows the same website but with a table of items for trade. The table has columns: Title, Category, Status, and Actions. The items are:

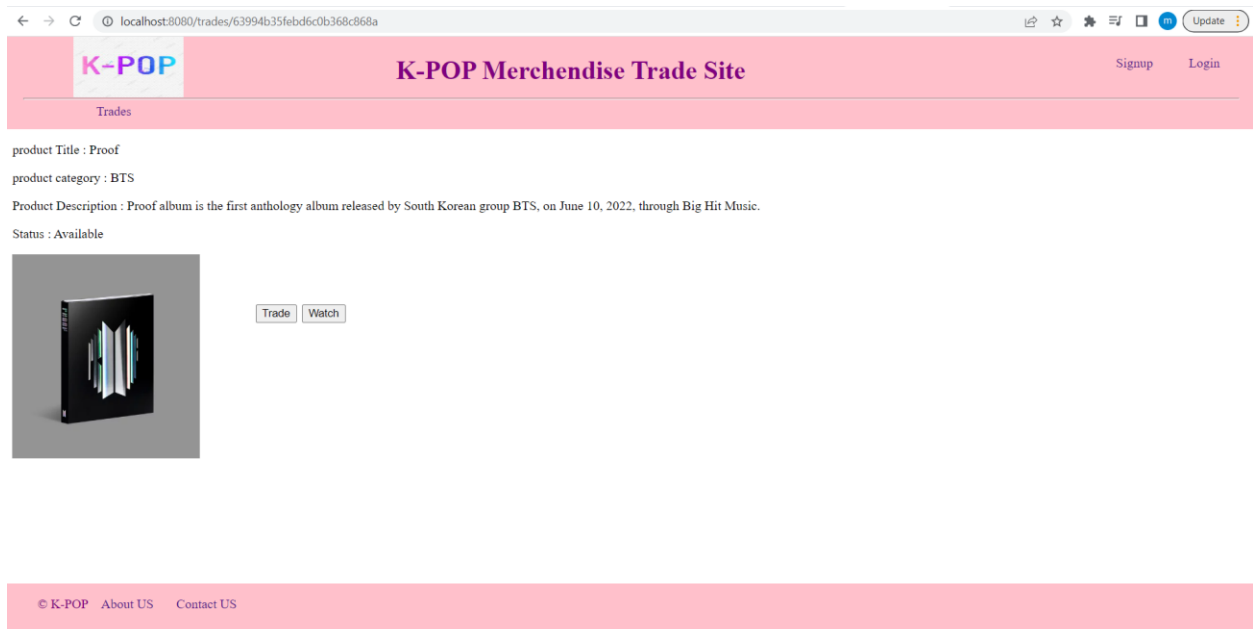
Title	Category	Status	Actions
<a href="#">Face Yourself</a>	BTS	Available	<a href="#">Update</a> <a href="#">Delete</a>
<a href="#">The Album</a>	Black Pink	Available	<a href="#">Update</a> <a href="#">Delete</a>
<a href="#">Kill This Love</a>	Black Pink	Available	<a href="#">Update</a> <a href="#">Delete</a>

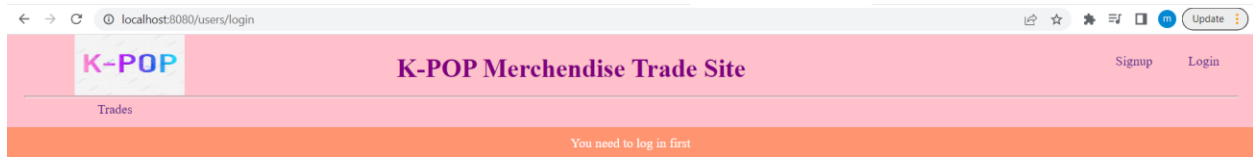
Below the table, it says 'Your Watchlist:' with 'No trades added in the watchlist' and 'Your Offers:' with 'No offers created'. The footer is the same as the previous screenshot.

After the user logged out



When the user tries to trade or watch without login to the application





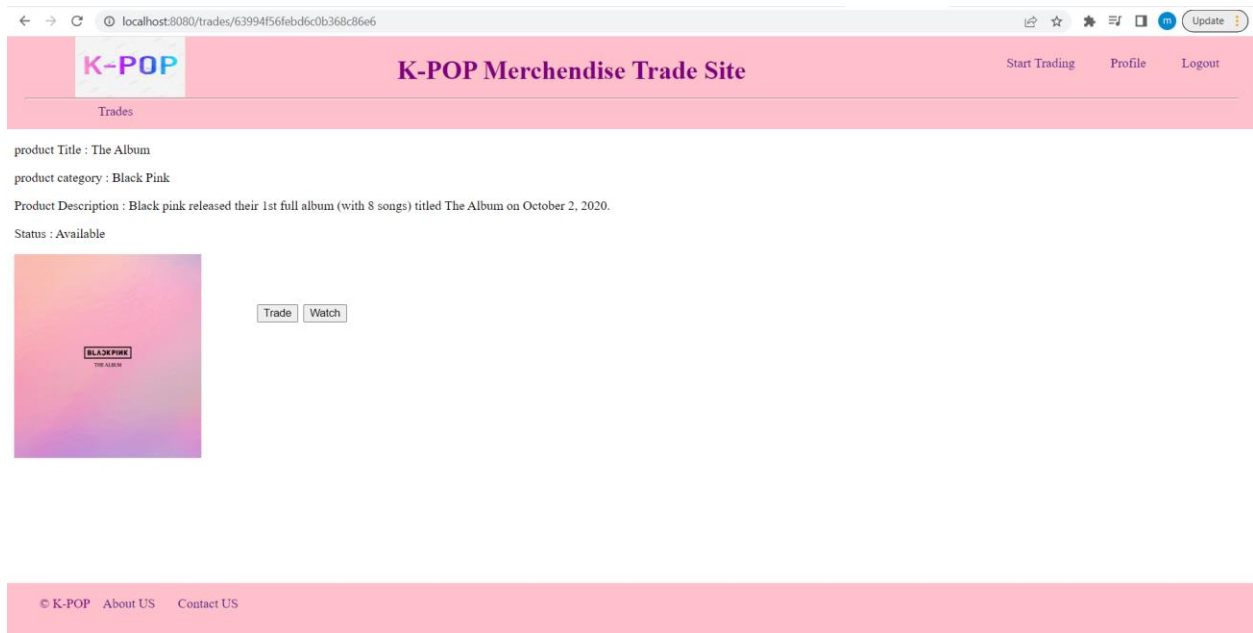
Email Address

Password

[Login](#)

## Offer an item for Trade:

When the user1 trades a product with the item created by user2



In Trade items page it will display the products which are created by that respective user

← → ↻ localhost:8080/trades/63994f56febd6c0b368c86e6/showtrade? ⌵ ☆ ⚙ 📄 📱 🔔 Update



# K-POP Merchandise Trade Site

[Start Trading](#) [Profile](#) [Logout](#)

---

Trades

### Your Trades

Title	Category	Status	
<a href="#">Proof</a>	BTS	Available	<button>Trade Item</button>
<a href="#">Love Yourself</a>	BTS	Available	<button>Trade Item</button>
<a href="#">Born pink</a>	Black Pink	Available	<button>Trade Item</button>

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The profile page of the user1 after the offer is created

← → ↻ localhost:8080/users/profile ⌵ ☆ ⚙ 📄 📱 🔔 Update



# K-POP Merchandise Trade Site

[Start Trading](#) [Profile](#) [Logout](#)

---

Trades

Trade offer sucessfully created for a Trade

### Welcome, Proof

Title	Category	Status	Actions
<a href="#">Proof</a>	BTS	Offer Pending	<button>Update</button> <button>Delete</button> <button>ManageOffer</button>
<a href="#">Love Yourself</a>	BTS	Available	<button>Update</button> <button>Delete</button>
<a href="#">Born pink</a>	Black Pink	Available	<button>Update</button> <button>Delete</button>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**

Title	Category	Status	Actions
<a href="#">The Album</a>	Black Pink	Offer Pending	<button>Cancel Offer</button>

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The manage trade offer page will have the option to cancel the offer created by user1

localhost:8080/trades/63994b35febd6c0b368c868a/manage?

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Manage Trade offer

Your Trade	Offer You Made	
<a href="#">Proof</a>	<a href="#">The Album</a>	Cancel Offer

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User2 profile page: The profile page of user2 after the offer is created by user1

localhost:8080/users/profile

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Welcome, Test

Title	Category	Status	Actions
<a href="#">Face Yourself</a>	BTS	Available	<a href="#">Update</a> <a href="#">Delete</a>
<a href="#">The Album</a>	Black Pink	Offer Pending	<a href="#">Update</a> <a href="#">Delete</a> <a href="#">ManageOffer</a>
<a href="#">Kill This Love</a>	Black Pink	Available	<a href="#">Update</a> <a href="#">Delete</a>

Your Watchlist:

No trades added in the watchlist

Your Offers:

No offers created

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Rejects the Offer: When the user2 rejects the offer created by user1

← → ↻

localhost:8080/trades/63994f56febd6c0b368c85e6/manage?

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👤 Update

K-POP

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Manage Trade

Offer For You

Your Trade Item

Proof

The Album

AcceptReject

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← → ↻

localhost:8080/users/profile

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K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Trade offer has been rejected

Welcome, Test

Title	Category	Status	Actions
<a href="#">Face Yourself</a>	BTS	Available	UpdateDelete
<a href="#">The Album</a>	Black Pink	Available	UpdateDelete
<a href="#">Kill This Love</a>	Black Pink	Available	UpdateDelete

Your Watchlist:

No trades added in the watchlist

Your Offers:

No offers created

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After the offer has been rejected the profile page of user1

The screenshot shows the profile page of user1 on the K-POP Merchandise Trade Site. The page has a pink header with the site logo and navigation links. The main content area is white and contains a welcome message, a table of trades, and sections for watchlist and offers.

**Trades**

Title	Category	Status	Actions
<a href="#">Proof</a>	BTS	Available	<a href="#">Update</a> <a href="#">Delete</a>
<a href="#">Love Yourself</a>	BTS	Available	<a href="#">Update</a> <a href="#">Delete</a>
<a href="#">Born pink</a>	Black Pink	Available	<a href="#">Update</a> <a href="#">Delete</a>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**  
No offers created

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Accept the Offer: User1 created a trade offer

The screenshot shows the profile page of user1 on the K-POP Merchandise Trade Site after creating a trade offer. The page has a pink header with the site logo and navigation links. The main content area is white and contains a welcome message, a table of trades, and sections for watchlist and offers.

**Trades**

Trade offer successfully created for a Trade

**Welcome, Proof**

Title	Category	Status	Actions
<a href="#">Proof</a>	BTS	Offer Pending	<a href="#">Update</a> <a href="#">Delete</a> <a href="#">Manage Offer</a>
<a href="#">Love Yourself</a>	BTS	Available	<a href="#">Update</a> <a href="#">Delete</a>
<a href="#">Born pink</a>	Black Pink	Available	<a href="#">Update</a> <a href="#">Delete</a>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**

Title	Category	Status	Actions
<a href="#">The Album</a>	Black Pink	Offer Pending	<a href="#">Cancel Offer</a>

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User 2 profile page after creating a trade offer again

← → ↺

localhost:8080/users/profile

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Update

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K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Welcome, Test

Title	Category	Status	Actions		
<a href="#">Face Yourself</a>	BTS	Available	Update	Delete	
<a href="#">The Album</a>	Black Pink	Offer Pending	Update	Delete	ManageOffer
<a href="#">Kill This Love</a>	Black Pink	Available	Update	Delete	

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**  
No offers created

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← → ↺

localhost:8080/trades/63994f56febd6c0b368c86e6/manage?

🔖 ☆ ⚙ 📄 📱

Update

K-POP

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Manage Trade

Offer For You	Your Trade Item		
<a href="#">Proof</a>	<a href="#">The Album</a>	Accept	Reject

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The trade offer which is created by the user1 is accepted by user2

localhost:8080/users/profile

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Trade offer has been successfully accepted

Welcome, Test

Title	Category	Status	Actions	
<a href="#">Face Yourself</a>	BTS	Available	<button>Update</button>	<button>Delete</button>
<a href="#">The Album</a>	Black Pink	Traded	<button>Update</button>	<button>Delete</button>
<a href="#">Kill This Love</a>	Black Pink	Available	<button>Update</button>	<button>Delete</button>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**  
No offers created

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Once the trade offer is accepted on the trade details page the user will not be able to see the Trade button


localhost:8080/trades/63994f56febd6c0b368c86e6

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

product Title : The Album  
product category : Black Pink  
Product Description : Black pink released their 1st full album (with 8 songs) titled The Album on October 2, 2020.  
Status : Traded

 Watch

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Cancel the Offer: The user creates a trade offer

← → ↺

localhost:8080/trades/63994bb2febd6c0b368c868f

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K-POP Merchandise Trade Site

Start Trading Profile Logout

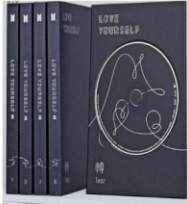
Trades

product Title : Love Yourself

product category : BTS

Product Description : Love Yourself is the fifth mini album by BTS. It was released on September 18, 2017 with DNA serving as the album title track.

Status : Available



Trade

Watch

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← → ↺

localhost:8080/trades/63994bb2febd6c0b368c868f/showtrade?

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K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Your Trades

Title	Category	Status	
<a href="#">Face Yourself</a>	BTS	Available	<div>Trade Item</div>
<a href="#">The Album</a>	Black Pink	Traded	
<a href="#">Kill This Love</a>	Black Pink	Available	<div>Trade Item</div>

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localhost:8080/users/profile

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Update

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K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Trade offer successfully created for a Trade

Welcome, Test

Title	Category	Status	Actions		
<a href="#">Face Yourself</a>	BTS	Offer Pending	Update	Delete	Manage Offer
<a href="#">The Album</a>	Black Pink	Traded	Update	Delete	
<a href="#">Kill This Love</a>	Black Pink	Available	Update	Delete	

**Your Watchlist:**

No trades added in the watchlist

**Your Offers:**

Title	Category	Status	Actions
<a href="#">Love Yourself</a>	BTS	Offer Pending	Cancel Offer

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Canceling offer created by the navigating to Manage trade offer page from the profile page

← → ↻

localhost:8080/trades/63994f0bfebd6c0b368c86e3/manage?

🔖 ☆ ⚙ 📄 🌐

Update

K-POP

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Manage Trade offer

Your Trade	Offer You Made	
<a href="#">Face Yourself</a>	<a href="#">Love Yourself</a>	Cancel Offer

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K-POP Merchandise Trade Site

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[Trades](#)

Trade offer is cancelled

## Welcome, Test

Title	Category	Status	Actions	
<a href="#">Face Yourself</a>	BTS	Available	<a href="#">Update</a>	<a href="#">Delete</a>
<a href="#">The Album</a>	Black Pink	Traded	<a href="#">Update</a>	<a href="#">Delete</a>
<a href="#">Kill This Love</a>	Black Pink	Available	<a href="#">Update</a>	<a href="#">Delete</a>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**  
No offers created

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After creating a trade offer canceling the offer by clicking on the cancel offer button from the profile page

[←](#)
[→](#)
[↻](#)
[localhost:8080/users/profile](#)

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[☆](#)
[⚙️](#)
[📄](#)
[👤](#)
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K-POP Merchandise Trade Site

[Start Trading](#)
[Profile](#)
[Logout](#)

[Trades](#)

Trade offer sucessfully created for a Trade

## Welcome, Test

Title	Category	Status	Actions		
<a href="#">Face Yourself</a>	BTS	Available	<a href="#">Update</a>	<a href="#">Delete</a>	
<a href="#">The Album</a>	Black Pink	Traded	<a href="#">Update</a>	<a href="#">Delete</a>	
<a href="#">Kill This Love</a>	Black Pink	Offer Pending	<a href="#">Update</a>	<a href="#">Delete</a>	<a href="#">ManageOffer</a>

**Your Watchlist:**  
No trades added in the watchlist

**Your Offers:**

Title	Category	Status	Actions
<a href="#">Born pink</a>	Black Pink	Offer Pending	<a href="#">Cancel Offer</a>

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localhost:8080/users/profile
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Update ⌵

K-POP

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Trade offer has been cancelled

Welcome, Test

Title	Category	Status	Actions
<a href="#">Face Yourself</a>	BTS	Available	Update Delete
<a href="#">The Album</a>	Black Pink	Traded	Update Delete
<a href="#">Kill This Love</a>	Black Pink	Available	Update Delete

Your Watchlist:

No trades added in the watchlist

Your Offers:

No offers created

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**Edit functionality:** Updating the trade item after the offer is created.

[←](#)
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localhost:8080/users/profile
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Update ⌵

K-POP

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Trade offer sucessfully created for a Trade

Welcome, Test

Title	Category	Status	Actions
<a href="#">Face Yourself</a>	BTS	Offer Pending	Update Delete ManageOffer
<a href="#">The Album</a>	Black Pink	Traded	Update Delete
<a href="#">Kill This Love</a>	Black Pink	Available	Update Delete







Your Watchlist:


No trades added in the watchlist

Your Offers:

Title	Category	Status	Actions
<a href="#">Born pink</a>	Black Pink	Offer Pending	Cancel Offer

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← → ↻ localhost:8080/trades/63994f0bfebd6c0b368c86e3/edit?       Update



K-POP Merchandise Trade Site

Start Trading Profile Logout

---

Trades

### Edit Trade Details



Category

Title

Image URL

Details







Face Yourself is the third Japanese studio album by South Korean boy band BTS released on April 4, 2018, through Universal.


 

Update

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Modifying the details of the trade item

← → ↻ localhost:8080/trades/63994f0bfebd6c0b368c86e3/edit?       Update



K-POP Merchandise Trade Site

Start Trading Profile Logout

---

Trades

### Edit Trade Details



Category

Title

Image URL

Details

Face Yourself is the third Japanese studio album by South Korean boy band BTS released on April 4, 2018, through Universal.

Update

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localhost:8080/trades/63994f0bfdbd6c0b368c86e3

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K-POP Merchandise Trade Site

Start TradingProfileLogout

Trades

Successfully updated a trade

product Title : Face Yourself updated

product category : BTS

Product Description : Face Yourself is the third Japanese studio album by South Korean boy band BTS released on April 4, 2018, through Universal Music Japan and Def Jam Recordings.

Status : Offer Pending



Edit

Delete

After updating the trade item, the details of the item on the profile page are also updated

localhost:8080/users/profile

K-POP

K-POP Merchandise Trade Site

Start TradingProfileLogout

Trades

Welcome, Test

Title	Category	Status	Actions
<a href="#">Face Yourself updated</a>	BTS	Offer Pending	<div>Update</div> <div>Delete</div> <div>Manage Offer</div>
<a href="#">The Album</a>	Black Pink	Traded	<div>Update</div> <div>Delete</div>
<a href="#">Kill This Love</a>	Black Pink	Available	<div>Update</div> <div>Delete</div>

Your Watchlist:

No trades added in the watchlist

Your Offers:

Title	Category	Status	Actions
<a href="#">Born pink</a>	Black Pink	Offer Pending	<div>Cancel Offer</div>

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**Delete functionality:** Deleting the item after the trade offer is created

← → ↻

localhost:8080/users/profile

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Update

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Welcome, Test

Title	Category	Status	Actions		
<a href="#">Face Yourself updated</a>	BTS	Offer Pending	Update	Delete	Manage Offer
<a href="#">The Album</a>	Black Pink	Traded	Update	Delete	
<a href="#">Kill This Love</a>	Black Pink	Available	Update	Delete	

Your Watchlist:

No trades added in the watchlist

Your Offers:

Title	Category	Status	Actions
<a href="#">Born pink</a>	Black Pink	Offer Pending	Cancel Offer

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← → ↻

localhost:8080/trades

🔖 ☆ ⚙️ 📄 🌐

Update

K-POP Merchandise Trade Site

Start Trading Profile Logout

Trades

Successfully deleted a trade

Select an item

BTS

Proof

Love Yourself

Black Pink

Born pink

The Album

Kill This Love

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## User profile page after deleting the trade item

The screenshot shows the user profile page of the K-POP Merchandise Trade Site. The browser address bar displays 'localhost:8080/users/profile'. The site's header includes the K-POP logo, the site name 'K-POP Merchandise Trade Site', and navigation links for 'Start Trading', 'Profile', and 'Logout'. A 'Trades' link is located below the header. The main content area begins with a 'Welcome, Test' message. Below this is a table listing trade items:

Title	Category	Status	Actions
<a href="#">The Album</a>	Black Pink	Traded	<button>Update</button> <button>Delete</button>
<a href="#">Kill This Love</a>	Black Pink	Available	<button>Update</button> <button>Delete</button>

Below the table, the 'Your Watchlist:' section shows 'No trades added in the watchlist'. The 'Your Offers:' section shows 'No offers created'. The footer contains copyright information and links to 'About US' and 'Contact US'.

## Rate Limit: When too many login attempts are made by the user

The screenshot shows the login page of the K-POP Merchandise Trade Site. The browser address bar displays 'localhost:8080/users/login'. The site's header includes the K-POP logo, the site name 'K-POP Merchandise Trade Site', and navigation links for 'Signup' and 'Login'. A 'Trades' link is located below the header. The main content area displays a '429 Error' message: 'A problem has occurred! Try again. Too many login attempts. Please Try again later.Back to home.' The footer contains copyright information and links to 'About US' and 'Contact US'.

## Explanation:

No additional features and stopping points