

Specification

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Product backlog:

Actions:

Registration & Log in(Using OAuth)

Login: Users have to log in to do the rest of the actions.

Logout: Users can log out of the system.

Register: A new user can register into the system.

Product stream:

Home_page: The site will redirect to the home page when users log in. The home page displays all items.

Search_page: The users can search specific items through the search page.

Item_page: The page displays the details of the item that the users select.

Follow/ Unfollow:

Followe_page: The users can view the comments or liked items from their following users.

Customer_profile: Customers can navigate to their profile page.

Merchant_profile: the merchant can navigate to their profile page.

Shopping cart:

Shopping_cart: This page displays all the items that customers put into the shopping cart.

Payment: This action lets the user pay for their items.

For the payment processing, we choose to use Paypal with the third-party application
django-paypal.

Order_list: This page displays the history of items that customers purchased.

Sell_list: This page displays the history of items that the merchant sold.

Sprint Backlog:

Registration & Log in

Login,Logout, Register.

Follow/ Unfollow:

Followe_page, Customer_profile, Merchant_profile

Product stream:

Home_page

HTML/CSS

Product Owner:

Name: Yifei Sun

AndrewId: yifeisun

Data Model:

User:

Id:

name:

Customer:

User = foreign_key user

Orders = Manytomany order
Following = onetoone user

Provider:

User = foregin_key user
Sells = Manytomany order

Order

Id = text
Timestamp = datetime
Items = manytomany item

Item

Id = text
Name = text
Picture = image
Description = text
Seller = onetoone client

Media

Id = text
Title = text
Content = media
Timaetamp = datetime
Uploader = onetoone user

Review

Reviewer oneotone user
Timestamp = datetime
Content = text

PayPalPaymentForm

Business = settings.PAYPAL_RECEIVER_EMAIL
Amount transaction amount
Item_name = 'Order {}'.format(order.id)
Currency_code = 'USD'
Notify_url reverse to paypal payment url
Return_url reverse to payment done url
Cancel_return reverse to payment canceled url