IChoose (e-commerce website)

Team details:(group no:114)

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Module-1
- **Registration and login**
- **Seller Interface**
  - **Show, filter and search products**
  - **Add products**
  - **Apply for loans**
  - **Accept the customization request**
  - **Business statistics**
- **Status (Done): Registration, login, show and add products are completed, Apply for loans, Accept the customization request.**
- **Status (pending): Business statistics**

Module-2
- **Pooling interface**
  - **Offline wallet**
  - **Distribution of money to all members who apply loan**
  - **Add/delete/edit cards by loaners**
  - **Wallet management by Admin**
  - **Payment through stripe**
- **Status(Done): backend (full), frontend (partially)**
- **status(pending):some parts of user interface**

Module-3
- **Buyer Interface**
  - **Add to cart**

- ○ **Wishlist**
- ○ **Shipping details**
- ○ **Search**
- ○ **Customization requests**
- ○ **Review/Rating**
- **Status(Done): add to cart ,wishlist,Customization requests,Search and ui**
- **status(pending):Shipping details,Review/Rating**

Module-4

- **Profile page**
- **Seller verification app**
  - ○ **Verifies details of seller**
  - ○ **Add staff**
- **Status(Done): Add staff,Profile page**
- **Status(pending):Verify details of seller**

For End Sem Evaluation:

Module-5

- **Recommendation system**
- **Status (pending): Not yet started**

Module-6

- **Delivery app**
- **Order request details**
- **Tracking status**
- **Status(pending): Not yet started**

Module-7

- **Sentiment analysis of products**
- **Status(pending) : Not yet started**

Module-8:

- **Data analysis**
- **Status(pending) : Not yet started**

Data Schema:

- **User:**
  - **Password : String**
  - **Last_login : Date**
  - **Is_superuser : Boolean**
  - **Username : String**
  - **Email : String**
  - **First_name : String**
  - **Last_name : String**
  - **Is_staff : Boolean**
  - **Is_active : Boolean**
  - **Date_joined : Date**
  - **mobile : String**
  - **address : String**
  - **Bank_details : String**
  - **Verification_status : Boolean**
  - **verification_applied : Boolean**

- **User_details (abstract model)**
  - **User_id: Integer**
  - **User_name: String**
  - **Email: String**
  - **Phone_number: String**

Lender's Interface:

- **Offline wallet**
  - **Lender_details : object(user_detaisl)**
  - **Price : Integer**
- **Cards**
  - **lender_details : object(user_details)**
  - **No_of_cards : Array(Integers)**
  - **Price : Array(Integers)**
- **Loanmodel**
  - **lender_details : object(user_details)**
  - **Product_details : object(product)**
  - **Loan_money : Integer**
  - **Loan_sanction : Integer**

Seller's Interface:

- ### Seller verification
  - ○ **Seller_details : object(user_details)**
  - ○ **Phone_number : String**
  - ○ **address_line_1 : String**
  - ○ **address_line_2 :String**
  - ○ **City : String**
  - ○ **state : String**
  - ○ **pincode : String**
  - ○ **purpose : String**
  - ○ **Images : Array(String)**
  - ○ **files : Array(String)**
  - ○ **Verification_step_1 : Boolean**
  - ○ **Verification_step_2 : Boolean**
  - ○ **Verification_step_3 : Boolean**

- ### Product_order (abstract model)
  - ○ **Product_id : Integer**
  - ○ **buyer_details:Object(user_details)**
  - ○ **seller_details : Object (user_details)**
  - ○ **date_of_order :Date**
  - ○ **told_date_of_order :Date**
  - ○ **date_of_delivery :Date**
  - ○ **order_details:List of string**
  - ○ **quantity :Integer**
  - ○ **payment_status :Boolean**
  - ○ **delivery_status :Boolean**

- ### Seller
  - ○ **Seller_details : object(user_details)**
  - ○ **Product_orders : Array(product_order)**

- ### Product
  - ○ **seller_details : Object (user_details)**
  - ○ **product_title : String**
  - ○ **category_1 : String**
  - ○ **category_2 : String**
  - ○ **product_description : String**
  - ○ **images : Array(Array(String))**
  - ○ **Product_quantity_available : Array(Object)**
  - ○ **Additional_information : String**
  - ○ **Product_customisation_available : Array(Object)**
  - ○ **Additional_customization_information : String**
  - ○ **Orders : Array(product_order)**
  - ○ **rating_comments : Array(object(rating_comments))**

Buyer's Interface:

- **Rating_Comments(abstract model)**
  - **product_id: Integer**
  - **Buyer_details : Object (user_details)**
  - **Comment : String**
  - **Verified_user:boolean**
  - **Like:boolean**
  - **rating:ratingfield(range=5)**
- **Shipping details:**
  - **buyer_details:object(user_details)**
  - **products_ordered :Array(string)**
  - **deliveryName : String**
  - **Phone_number : String**
  - **address_line_1 : String**
  - **address_line_2 :String**
  - **City : String**
  - **state : String**
  - **pincode : String**
- **Buyer:**
  - **Buyer_details : Object (user_details)**
  - **order:Array(product_order)**
  - **Shipping_details : Object(Shipping_details)**
  - **wish_list: Array(Integer)**
  - **add_to_cart: Array(Integer)**
  - **rating_comments : Array(object(rating_comments))**