

# *eMarcedo* — an *eBay* clone web app

Guntakanti Sai Koushik — 180050035

Potta Nayan Akarsh — 180050074

Mekala Anmol Reddy — 180050059

Mavuri Siva Krishna Manohar — 180050057

## Test Plan

1.

Requirement	Creating a new account for non-user
Use case	Account for a user
Inputs	Valid name, email-id, password, re-enter password, phone number, location, balance
Outputs	Account is successfully created message is displayed
Backend changes	New row is inserted into person table
Test Procedure	Gets logged in and redirected to home screen

2.

Requirement	Creating a new account for non-user
Use case	Account for a user
Inputs	Invalid value or no value for atleast one of the following name email-id, password, re-enter password, phone number, location, balance
Outputs	Invalid details message is displayed
Backend changes	No change
Test Procedure	Refreshed version of the same page with previously entered details

3.

Requirement	Logging in
Use case	Logging in credentials
Inputs	Valid email, password
Outputs	Successfully Logged in
Backend changes	No change
Test Procedure	Gets Logged in and Home screen is loaded

4.

Requirement	Logging in
Use case	Logging in credentials
Inputs	Invalid or no value for email or password
Outputs	Invalid details message is displayed
Backend changes	No change
Test Procedure	Refreshed page is displayed

5.

Requirement	Logging out
Use case	Log out
Inputs	Log out button is clicked
Outputs	Successfully logged out
Backend changes	No change
Test Procedure	Logged out and redirected to login screen

6.

Requirement	Go to home screen
Use case	Enter home
Inputs	logo button is pressed
Outputs	NA
Backend changes	No change
Test Procedure	Redirected to home screen

7.

Requirement	Modify balance
Use case	Adding Balance
Inputs	Positive credit value
Outputs	Successfully credited the entered amount
Backend changes	balance is updated in Person table
Test Procedure	Redirected to home screen

8.

Requirement	Modify balance
Use case	Adding Balance
Inputs	Non-positive credit value
Outputs	invalid credit value is entered
Backend changes	No change
Test Procedure	Redirect to same screen

9.

Requirement	Add new item for auction
Use case	Upload Auction
Inputs	Valid name, description, price, quantity, phys_prod, quantity, delivery_factor, tags
Outputs	Item added successfully message is displayed
Backend changes	New row is added to auction_item table
Test Procedure	New row is entered into the auction_item table

10.

Requirement	Add new item for auction
Use case	Upload Auction
Inputs	Invalid or no value for atleast one of the following name, description, price, quantity, phys_prod, quantity, delivery_factor, tags
Outputs	Invalid details message is displayed
Backend changes	No change
Test Procedure	Refreshed version of the same page with previously entered details

11.

Requirement	Add new item for direct sale
Use case	Upload Direct Sale
Inputs	Valid name, description, price, quantity, physical, quantity, delivery_factor, tags
Outputs	Item added successfully message is displayed
Backend changes	New row is entered into the direct_sale_item table
Test Procedure	Redirected to home screen

12.

Requirement	Add new item for direct sale
Use case	Upload direct sale
Inputs	Valid name, description, price, quantity, physical, quantity, delivery_factor, tags
Outputs	Invalid details message is displayed
Backend changes	No change
Test Procedure	Refreshed version of the same page with previously entered details

13.

Requirement	View sale or bid
Use case	View an auction item
Inputs	Click on a sale in the home page or in the search results and user is the seller of that auction item
Outputs	Details of that item are displayed
Backend changes	No change
Test Procedure	Seller auction item view screen is displayed

14.

Requirement	View sale or bid
Use case	View a direct sale item
Inputs	Click on a sale in the home page or in the search results and user is the seller of that direct sale item
Outputs	Details of that item are displayed
Backend changes	No change
Test Procedure	Seller directly sold item view screen is displayed

15.

Requirement	View sale or bid
Use case	View an auction item
Inputs	Click on a sale in the home page or in the search results and user is the buyer of that auction item
Outputs	Details of that item are displayed
Backend changes	No change
Test Procedure	Buyer auction item view screen is displayed

16.

Requirement	View sale or bid
Use case	View a direct sale item
Inputs	Click on a sale in the home page or in the search results and user is the buyer of that direct sale item
Outputs	Details of that item are displayed
Backend changes	No change
Test Procedure	Buyer directly sold item view screen is displayed

17.

Requirement	Removing an item from sale
Use case	Delete an auction item
Inputs	select delete option on the product description page
Outputs	Product removed successfully message is displayed
Backend changes	remove row corresponding to the item from auction_item table and update amount_on_hold(from person table) of buyers who placed bid for that item
Test Procedure	Redirect to home page

18.

Requirement	Removing an item from sale
Use case	Delete a direct sale item
Inputs	select delete option on the product description page
Outputs	Product removed successfully message is displayed
Backend changes	remove row corresponding to the item from direct_sale_item table
Test Procedure	Redirect to home page

19.

Requirement	Search for an item
Use case	Search
Inputs	item name, search tags etc entered in search bar of homepage
Outputs	List of products found by search algorithm, if no product is found then display a message telling the same.
Backend changes	No change
Test Procedure	Redirect to Search screen

20.

Requirement	Place order for a direct sale item
Use case	Place a direct order
Inputs	Click on BUY button on the product details page and sufficient funds available for the buyer
Outputs	Order placed successfully message is displayed
Backend changes	update status of item from direct_sale_item table and update on_hold_balance of buyer from person table
Test Procedure	Redirect to same screen

21.

Requirement	Place order for a direct sale item
Use case	Place a direct order
Inputs	Click on BUY button on the product details page but insufficient funds for the buyer
Outputs	Insufficient funds message is displayed
Backend changes	No change
Test Procedure	Reload the same page

22.

Requirement	Bid for an auction item
Use case	Bid
Inputs	bid value, bid mode, limit and sufficient funds available for the buyer
Outputs	Placed bid successfully message is displayed
Backend changes	update on-hold balance of the buyer from person, and new entry to bid table and update auction_item table entry with new value of best bid and best bidder
Test Procedure	Redirect to same screen

23.

Requirement	Bid for an auction item
Use case	Bid
Inputs	bid value, bid mode, limit but insufficient funds for the buyer
Outputs	Insufficient funds message is displayed
Backend changes	No change
Test Procedure	Reload the same page

24.

Requirement	Update Bid
Use case	Update bid
Inputs	new bid value, bid mode, bid limit and sufficient funds for the buyer
Outputs	Bid value updated successfully
Backend changes	update bid_value in bid table and update on_hold_balance of the buyer in person table and update best bidder and best bid in auction_item
Test Procedure	Redirect to same screen with updated details

25.

Requirement	Update Bid
Use case	Update bid
Inputs	new bid value, bid mode, bid limit but insufficient funds for the buyer
Outputs	Insufficient funds message is displayed
Backend changes	No change
Test Procedure	Redirect to same screen

26.

Requirement	Close bidding
Use case	Close bidding
Inputs	Atleast one bid is present and end bidding button is clicked
Outputs	Auction ended successfully
Backend changes	update entry in auction_item with status as "auctioned" and change status of non best bids as "rejected" and best bid as "accepted" in bids table
Test Procedure	Redirect to home screen

27.

Requirement	Close bidding
Use case	Close bidding
Inputs	No bid is present and end bidding button is clicked
Outputs	No bid is present message is displayed
Backend changes	No change
Test Procedure	Redirect to same screen

28.

Requirement	Update the delivery status
Use case	Update delivery status
Inputs	Seller clicks on next stage button
Outputs	Status updated successfully message is displayed
Backend changes	update entry in auction_item with new status
Test Procedure	Redirect to same screen

29.

Requirement	Buyer confirms delivery
Use case	Buyer confirms delivery
Inputs	Click on confirm delivery button button
Outputs	receipt containing the information related to the item is displayed
Backend changes	update entry in auction_item with new status as "delivered" and update amount_on_hold and balance for the buyer in person table
Test Procedure	Redirect to home screen

We plan to do the testing manually.