

ETRADE—web app

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Test Plan

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

1.	Test Procedure	Refreshed page is displayed
	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.		
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

25.

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

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

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

26.	Test Procedure	Redirect to same screen
	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. 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.