



USE CASE SCENARIOS
“MARKET YARD MANAGEMENT SYSTEM”

COURSE:
IT 314 : Software Engineering

GROUP: 5.13

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❖ Sign Up

➤ Successful Scenario

- The User clicks on the Sign Up button.
- The registration form is displayed.
- The User fills the registration form with relevant details.
- The User clicks on submit.
- The details are submitted.
- Sign Up process is completed.
- User is logged into the system.

➤ Unsuccessful Scenario

- The User clicks on the Sign Up button.
- The registration form is displayed.
- The User fills the registration form with relevant details.
- The User enters incorrect details. The system shows the registration form again with a message to correct the incorrect information.
- User is not logged into the system.

➤ Unsuccessful Scenario

- The User clicks on the Sign Up button.
- The registration form is displayed.
- The User fills the registration form with relevant details.
- The User fails to enter data into any mandatory field. The system shows the registration form again with a message to enter information in the required fields.
- User is not logged into the system.

❖ Log In

➤ Successful Scenario

- The User clicks on the Sign In button.
- Log In details are asked from the user.
- The User enters the username and password.
- The credentials are validated by the system.
- The User is signed in and is shown the dashboard.

➤ Unsuccessful Scenario

- The User clicks on the Sign In button.
- Log In details are asked from the user.
- The User enters the username and password.
- The User has entered incorrect details. The system shows the log in again with a message to input the correct login credentials.
- The User is not signed in.

➤ Unsuccessful Scenario

- The User clicks on the Sign In button.
- Log In details are asked from the user.
- The User enters the username and password.
- The User hasn't been previously registered on the portal. The system would take him to the sign up page and the registration form is displayed. The entered details by the Users are already filled in the required fields of the registration form.
- The User is not signed in.

❖ Update Profile

➤ Successful Scenario

- The User selects Update Profile from the Menu.
- User is shown his current details.
- User selects and edits the fields he wants to update.
- User submits the updated profile.
- System updates the information and the User is displayed his profile page.

➤ Unsuccessful Scenario

- The User selects Update Profile from the Menu.
- User is shown his current details.
- User selects and edits the fields he wants to update.
- The User may have entered incorrect details. The system shows the profile page again with a message to correct the incorrect information.
- System doesn't update the information.

➤ Unsuccessful Scenario

- The User selects Update Profile from the Menu.
- User is shown his current details.
- User selects and edits the fields he wants to update.
- The User removes the data from any mandatory field. The system shows the profile page again with a message to enter information in the required fields.
- System doesn't update the information.

❖ Stock Entry

➤ Successful Scenario

- The User selects the option to add stock to the Mandi.
- He is shown the Stock entry form with fields like, commodity name, selling type, quantity, farmer's name, price quote and payment details.
- The User saves the form.
- The User would submit the form.
- The goods brought in the Mandi are successfully added to the system.
- User is taken to his dashboard.

➤ Unsuccessful Scenario

- The User selects the option to add stock to the Mandi.
- He is shown the Stock entry form with fields like, commodity name, selling type, quantity, farmer's name, price quote and payment details.
- The User selects cancel in which case all the details about the item are erased and he is taken back to his dashboard.
- User is not able to add stock and is taken to his dashboard.

➤ Unsuccessful Scenario

- The User selects the option to add stock to the Mandi.
- He is shown the Stock entry form with fields like, commodity name, selling type, quantity, farmer's name, price quote and payment details.
- The User saves the form.
- The User would submit the form.
- The User enters any data incorrectly or forgets to enter data in any

mandatory field. He is taken back to the form with a message to enter the data correctly.

- User is not able to add stock and is asked to refill the form.

❖ Bargaining

➤ Successful Scenario

- The Customer selects the commodity that he/she wants to buy.
- The trader selling the commodity will be notified about the sale.
- Customer enters the price that he/she wants to buy and the trader enters the selling price.
- Both the entities continue this until a fixed price is decided between them.
- The Customer is taken to the checkout page.

➤ Unsuccessful Scenario

- The Customer selects the commodity that he/she wants to buy.
- The trader selling the commodity will be notified about the sale.
- The Customer or the Seller may enter a negative price, thus they are notified of such a mistake and transaction is put on hold.
- The Customer/Trader is asked to reenter the price.

➤ Unsuccessful Scenario

- The Customer selects the commodity that he/she wants to buy.
- The trader selling the commodity will be notified about the sale.
- Customer enters the price that he/she wants to buy and the trader enters the selling price.
- The Customer or the Trader isn't satisfied with the final price and calls off the deal. Customer is returned to the online marketplace

whereas the Trader is returned to his dashboard.

- The transaction is cancelled.

❖ Invoice Generation

➤ Successful Scenario

- Customer is taken to the Payment Page
- Customer chooses Online method.
- He is taken to the bill generation page and the invoice is generated.
- The customer pays the money through online transaction
- The money is transferred to the seller's account after a certain percentage cut by the Mandi.

➤ Unsuccessful Scenario

- Customer is taken to the Payment Page
- Customer chooses Online method.
- He is taken to the bill generation page and the invoice is generated.
- The customer pays the money through online transaction
- Due to insufficient funds in the User's bank account he isn't able to pay the bill.
- The transaction is cancelled and the User is taken to the checkout page.

➤ Unsuccessful Scenario

- Customer is taken to the Payment Page
- Customer chooses Online method.
- He is taken to the bill generation page and the invoice is generated.
- The customer pays the money through online transaction
- The Money doesn't get transferred because the bank portal may not have supported the transaction due to internal error.

- The transaction is cancelled and the customer is taken to the check-out page.

❖ Price Fluctuation Graph

➤ Successful Scenario

- The User updates the price of the commodities.
- System takes the price as an input and generates the graph for the commodities.

➤ Unsuccessful Scenario

- The User updates the price of the commodities.
- System takes the price as an input and generates the graph for the commodities.
- The Graph won't get published because there is some internal error in the system.

❖ Buying of Goods from Online Marketplace

➤ Successful Scenario

- The User decided to buy a particular commodity.
- He clicks on buy option.
- He is taken to the checkout page

➤ Unsuccessful Scenario

- The User decided to buy a particular commodity.
- He clicks on buy option.
- There may be connectivity issues that may cause the process to be terminated.

❖ Check Out of Goods

➤ Successful Scenario

- Details of the transaction are already filled by the backend system.
- Customer confirms his transaction and chooses to move forward to payment.
- The Goods are deducted from the stock
- Customer is taken to the Payment Page

➤ Unsuccessful Scenario

- Details of the transaction are already filled by the backend system.
- Customer confirms his transaction and chooses to move forward to payment.
- The Goods are deducted from the stock
- There may be connectivity issues that may cause the process to be terminated.

➤ Unsuccessful Scenario

- Details of the transaction are already filled by the backend system.
- Customer confirms his transaction and chooses to move forward to payment.
- If the User cancels, the goods are added to the Mandi, transaction cancelled and the User is taken back to the online marketplace.

❖ Delivery

➤ **Successful Scenario**

- Mandi Staff is notified about the delivery to be made.
- Dispatch Entry made in the System.
- Mandi staff delivers the goods.

➤ **Unsuccessful Scenario**

- Mandi Staff is notified about the delivery to be made.
- Dispatch Entry made in the System.
- There may be connectivity issues that may cause the process to be terminated.
- Mandi staff doesn't deliver the goods.