SOFTWARE ENGINEERING

Farmer Subsidy System

Use Case Scenario

GROUP 3.8

TEAM DETAILS

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1. **Sign Up**

1.{Successful Scenario for Farmer} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in
3. The user selects for sign up.
4. The system asks for the details of the user like name,mobile number, state, district, village, category of farmer,gender,qualification,land holding and sector and sets a password to his account.
5. The user enters all the details correctly and selects submit.
6. The user successfully registers into our system.
7. The user gets automatically logged into the system.

2.{**Unsuccessful Scenario} :**

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or login
3. The user selects for sign up.
4. The system asks for the details of the user like name, mobile number, state, district,village,category of farmer,gender,qualification,land holding and sector and a password to his account.
5. The user enters a mobile number which may exceed 10 digits.
6. The system throws an error.
7. The user is not able to register into the system.

3.{**Unsuccessful Scenario} :**

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in
3. The user selects for sign up.
4. The system asks for the details of the user like name, mobile number, state, district,village,category of farmer,gender,qualification,land holding and sector and a password to his account.
5. The user sets a password that does not match the criteria.
6. The system throws an error.
7. The user is not able to register into the system.

2. Log In

1.{Successful Scenario for Farmer} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters the mobile number and password.
5. The system authenticates his details by verifying with list of authenticated ids.
6. The user successfully logs in to his profile.

2.{Successful Scenario for Government} :

1. The use case starts when a user accesses and connects to our system's website .
2. The user selects for sign in.
3. The system asks for credentials and the user enters the username and password.
4. The system authenticates his details by verifying with list of authenticated ids.
5. The user successfully logs in to his profile.

3.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters incorrect credentials like mobile number and password.
5. The user fails to log in to his profile.

4.{Unsuccessful Scenario} :

1. The use case starts when a user accesses our system's website and he may not be able to connect to the system's website as the server may be down .
2. The user fails to log in to his profile.

3. Documents Management

1.{Successful Scenario for Farmer} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user selects the option of documents.
6. The till date documents of the user are displayed.
7. The user uploads all the necessary documents like aadhar card , land certificate and receipt if necessary, for each document uploaded a unique id is assigned.
8. If the subsidy is sanctioned the necessary receipts are sent to the user else there is no receipt that the the user can view.

2.{Successful Scenario for Government} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign sign in.
3. The system asks for credentials and the user enters correct credentials like mobile number and password.
4. The user selects my documents from the menu.
5. The system displays all the documents that the farmer(user) has uploaded so far as well as the receipts of subsidies that have been sanctioned to the user. These receipts are added here by the Farmer Database.
6. The user selects the option to upload the documents.
7. The documents get uploaded and gets added to the government side's document list as it will undergo verification by the government employee.
8. The system, displays all the documents that need to be verified to the government employee.
9. The government employee chooses to approve or disapprove the document
10. Accordingly, alert is generated.

2.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.

5. The user selects the option of upload documents.
6. The user uploads all the necessary documents like aadhar card , land certificate and receipt if necessary.
7. The size of document exceeds the threshold of document upload.
8. The document fails to upload

3.{**Unsuccessful Scenario}** :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user selects the option of upload documents.
6. The user uploads all the necessary documents like aadhar card , land certificate and receipt if necessary.
7. The user cancels upload.

4.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user uploads all the necessary documents like aadhar card , land certificate and receipt if necessary.
6. The user fails to upload the documents because there is a server error.

4. Update Profile

1.{Successful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects My Profile

6. Selects which field he wants to update and then updates the field successfully.

2.{Unsuccessful Scenario}:

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the option of My Profile.
6. Selects which field he wants to update.
7. He then selects the cancel option and is redirected to the profile page with none of the information saved.

3.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the option of My Profile
6. Selects which field he wants to update.
7. The user may update a value which doesn't match the criteria of the field.
8. An error is displayed and the update is unsuccessful

5. Apply for Subsidy:

1.{Successful Scenario for farmer} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the apply for subsidy icon
6. Then the list of different types of subsidies are displayed.
7. The user selects a type of subsidy

8. The system checks from the details provided by farmer like soil,climate,category and subsidies are suggested to the farmer.
9. Relevant schemes are displayed with their scheme ids.
10. The user then chooses a scheme.
11. The user then applies for the subsidy.
12. The user clicks on the submit and subsidy is applied for subsidy successfully.

2.{Successful Scenario for Government} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign in.
3. The system asks for credentials and the user enters correct credentials like mobile number and password.
4. The user then selects one of the subsidy requests.
5. The government employee approves the subsidy request,
6. The farmer gets the alert message "Subsidy sanctioned".
7. The subsidy request gets removed from the government employee's list of subsidy request. Subsidy database gets updated.

3.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the apply for subsidy icon
6. The user then chooses a subsidy from the dropdown.
7. The user then clicks on the cancel option.

4.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the apply for subsidy icon
6. The user chooses a subsidy from the dropdown.

7. There user clicks on submit and an error is thrown that not all necessary documents to apply for the subsidy have been uploaded.
8. The application for subsidy is unsuccessful.

6. Track your Subsidy

1.{Successful Scenario for Farmer} :

1. The use case starts when a user accesses and connects to our system's website
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the track your subsidy information .
6. The system then displays the status of the subsidy.

2.{Successful Scenario for Government}:

1. The use case starts when a user accesses and connects to our system's website
2. The system asks for sign in.
3. The system asks for credentials and the user enters correct credentials like mobile number and password.
4. The user selects track your subsidy option from the menu.
5. The government employee will select a farmer whose subsidy request has been approved but not yet delivered from the list.
   He will update the status of subsidy.This will generate an alert to the farmer displaying the current status of subsidy.

2.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the track your subsidy information .
6. The system may throw an error since there are no subsidy requests to track.

3.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user then selects the track your subsidy information .
6. The system may not display the status because of a server error.

7. Subsidy Information

1.{Successful Scenario for Farmer} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user selects the subsidy information icon.
6. The current details of the subsidy are displayed.

2.{Successful Scenario for Government} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The government adds a new subsidy scheme information.And then submits the information.The subsidy information on the page gets updated
6. The government edits a current subsidy scheme information.And then submits the information.The subsidy information on the page gets updated.
7. The government removes a current subsidy scheme information. And then submits The subsidy information on the page gets updated wherein the selected scheme has been removed.
8. The updated subsidy information gets displayed.

3.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The subsidy information may not be displayed because there may be an error when the client is uploading the information.

4.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The subsidy information may not be displayed because of a server error.

8.Manage Alerts

1.{Successful Scenario for Farmer} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user gets notified if there are any new schemes or any of his documents have been approved
6. Hence the user is alerted

2.{Successful Scenario for Government} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign in.
3. The system asks for credentials and the user enters correct credentials like mobile number and password.

4. The user gets notified if there are pending requests
5. Hence the requests are then looked into.

3.{Unsuccessful Scenario} :

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user selects manage alerts icon
6. Alerts are not displayed as the system has not received any alerts at all.

4.{Unsuccessful Scenario}:

1. The use case starts when a user accesses and connects to our system's website .
2. The system asks for sign up or sign in.
3. The user selects for sign in.
4. The system asks for credentials and the user enters correct credentials like mobile number and password.
5. The user selects manage alerts icon.
6. The user may not receive any alerts due to server error.