**USE CASES FOR AUTOMATED RATION CARD SYSTEM**

1) Use Case 1: Login

Primary Actor: User, FPS owner, Admin (Government)

Main Scenario:

1. The Primary actor opens the automated ration card system website.
2. The Primary actor goes to the login page.
3. The Primary actor provides the required credentials in the form.
4. The Primary actor can now access the features available to him

Alternate Scenario:

1. Scenario 1: The credentials provided are wrong, the primary actor is requested to provide the right details.
2. Scenario 2: Network failure due to no internet access. The Primary actor won’t be able to login.

2) Use Case 2: Register

Primary Actor: User, FPS owner, Admin (Government)

Main Scenario:

1. The Primary actor opens the automated ration card system website.
2. The Primary actor goes to the registration page.
3. The Primary actor provides the required credentials in the form.
4. The Primary actor clicks on submit button, now the account is created and the Primary Actor is logged in.

Alternate Scenario:

1. Scenario 1: The credentials provided are wrong, the primary actor is requested to provide the right details.
2. Scenario 2: The account with same details already exists, the user is asked to choose a different detail (for example, username).
3. Scenario 3: Network failure due to no internet access. The Primary actor won’t be able to register.

3) Use Case 3: Withdraw Ration

Primary Actor: Ration Card User

Main Scenario:

1. The User after logging in chooses withdraw ration option.
2. The User chooses the ration he needs to withdraw and the quantity of the ration.
3. The User pays the money and buys the ration.
4. The Users ration quota is updated.

Alternate Scenario:

1. Scenario 1: The user does not have any ration quota left, he will be unable to buy ration.
2. Scenario 2: Network failure due to no internet access. The User won’t be able to withdraw ration.

4) Use Case 4: View Ration Card details

Primary Actor: Ration Card User

Main Scenario:

1. The User after logging in chooses ration card details option.
2. The User is able to access all the details about his family, ration card quota left, etc.

Alternate Scenario:

1. Scenario 1: Network failure due to no internet access. The User won’t be able to see his ration card details

5) Use Case 5: Modify Stock

Primary Actor: FPS owner

Main Scenario:

1. The FPS owner after logging in chooses modify stock option.
2. The FPS owner can add stock as per the requirement/scenario.
3. The FPS can choose the save option and the database gets updated.

Alternate Scenario:

1. Scenario 1: Network failure due to no internet access. The FPS won’t be able to modify his stock details.

6) Use Case 6: View Transaction Details

Primary Actor: FPS owner

Main Scenario:

1. The FPS owner after logging in choose view transaction details option.
2. The FPS owner can get the transaction details of the stock he has in his shop.

Alternate Scenario:

1. Scenario 1: Network failure due to no internet access. The FPS won’t be able to see the transaction details.

7) Use Case 7: Modify FPS details

Primary Actor: Admin

Main Scenario:

1. The Admin after logging in can choose to modify the FPS details.
2. The Admin can choose to add/update/delete a FPS.
3. The admin can choose to save the alteration.
4. The admin can monitor the FPS and issue inspection reports
5. The admin can also send circulars to the FPS.

Alternate Scenario:

1. Scenario 1: Network failure due to no internet access. The Admin won’t be able to modify FPS details.

8) Use Case 8: Add/Modify Ration Card Holder

Primary Actor: Admin

Main Scenario:

* The Admin after logging in can choose to Add/modify ration card holders.
* The Admin can select the ration card holder by his id number and modify his details or add/remove ration card holders.

Alternate Scenario:

1. Scenario 1: Network failure due to no internet access. The Admin won’t be able to add/modify the ration card holder.