

Software Engineering Lab

Functional Requirement Specification (FRS) Document

Friends of Farmers

GID: G02

Name: Rishi Sharma

Reg. No.: 17CO135

1. List of Functional Requirements Completed in Sprint 1

RID	Req. TitleFarmer side interface page 2: Crop image and name	Type of Work	Status	Remarks (if any)
REQ 4.1	Farmer side interface page 2: Crop image and name	UI Design	Completed	NA
REQ 4.2	Farmer side interface page 2: Stock template	UI design	Completed	NA
REQ4.3.1	Farmer side interface page 2: Pending order template main box	UI Design	Completed	NA
REQ4.3.2	Farmer side interfaces page 2: Pending order template. Each user template.	UI Design	Completed	NA

2. Functional Requirements Specification (Sprint I)

REQID: REQ 4.1

TITLE: Crop Image and name

GIST: Here the farmers will be able to add the crops and details selected in the farmer side interface Page 1. In this template, the farmer will see crops image its name which he wants to upload.

RATIONALE: This requirement will help the farmer to get to know that whether he is adding a particular crop incorrect crop section or not.

PRIORITY: It is high because the farmer who is coming to the page should be able to see the image as there are crops with a different name in different places.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma

AUTHOR: Rishi Sharma

REQID: REQ 4.2

TITLE: Stock template

GIST: Here the farmers will be able to see and add the crop. This will contain a box showing word stock present in the leftmost corner with field showing the value of stock and at the leftmost region, there will be an option by clicking which farmer can add stock of crops.

RATIONALE: This requirement will help the farmer to add and see crops in an easy way.

PRIORITY: It is high since is installed the app to sell the crop and he would not be selling 1-2 kg of crops, it is the large amount so he would add some quantity of crops in this section.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma and Consumers

AUTHOR: Rishi Sharma

REQID: REQ 4.3.1

TITLE: Pending order template main box

GIST: This is a scrollable page where several user templates will be available and on clicking each template farmer will be able to see the details of the customer who had taken his/her crop.

RATIONALE: This will help the farmer to get to know about the details of a particular customer who had taken his crop easily.

PRIORITY: It is high because it will be convenient for the farmer to the details of the customer who had taken his/her crop here just by clicking the template.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma

AUTHOR: Rishi Sharma

REQID: REQ 4.3.2

TITLE: Pending order template user order box

GIST: This box will contain details of orders like user name, its address with contact number and order quantity, order price expected delivery time etc. Once the order is completed, orders will be removed from this template.

RATIONALE: Here farmer will be able to look through the order and get to know which all orders are yet to be done.

PRIORITY: It is high because a farmer will be able to know what orders are pending just by clicking the template.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma

AUTHOR: Rishi Sharma

3. List of Functional Requirements for Sprint 2

RID	Req. Title	Type of Work	Source	Remarks (if any)
REQ 1.1	Adding the quantity of crops to database	DB programming	Assigned during Sprint 1 Planning	NA

RED 1.2.1	Providing the name, address of customers from the database to the farmer	DB programming	Assigned during Sprint I Planning	NA
REQ 1.2.2	Providing quantity of crops from the database to the farmer	DB programming	Assigned during Sprint I Planning	NA
REQ 1.2.3	Providing price of crops that customer had taken from the farmer	DB programming	Assigned during Sprint I Planning	NA
REQ 1.3	Save option for the farmer to save the number of the crops, price of the crops to the database he entered	DB programming	Newly introduced by me after Sprint I	NA

4. Functional Requirements Specification (Sprint II)

REQID: REQ 1.1

TITLE: Adding the quantity of crops to database

GIST: Here when the farmer will click on 'add quantity' button the quantity will be added to the database

RATIONALE: It is obvious as data should be stored somewhere otherwise it will be lost after closing the app.

PRIORITY: It is high as the quantity of crops entered by the farmer should be stored so that again when the farmer will add more quantity of crop it should not be from zero.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma

AUTHOR: Rishi Sharma

REQID: REQ 1.2

TITLE: Fetching the details of customers from the database

GIST: All the information of the customer like address, mobile number, quantity, price etc, will be stored in the database

RATIONALE: As it will be convenient for the farmer to get the details of all the customers who had ordered his/her crops.

PRIORITY: It is high as may be in future farmer may need particular customer details for contacting purpose.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma

AUTHOR: Rishi Sharma

REQID: REQ 1.3

TITLE: Save option

GIST: Farmer will be able to save the details like quantity, price of crops to the database

RATIONALE: As it is very important to save the details what farmer has entered otherwise he has to reenter everything of suppose app is closed by mistake.

PRIORITY: It is high because if he/she mistakenly closed the app without saving the details then he/she has to re-enter the details which may be frustrating.

STAKEHOLDERS: Farmers and Consumers

OWNER: Rishi Sharma

AUTHOR: Rishi Sharma

5. Report Summary

When a farmer is going to add the number of crops it will be stored in the database, so that when farmer visit the app again to add more quantity of crops then he will add with the previous quantity stored in the database, the previous quantity may be decreased because a customer has ordered particular crop. Then I am also providing the details of all the customers to the farmer who had brought his crops in the form of templates clicking on which leads to a page where details of the customer will be available.

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