

Software Engineering Lab

Non-Functional Requirement Specification (NFRS) Document

Friends of Farmers

GID: G02

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1. List of Non-Functional Requirements

NRID	Req. Title	Type of Work	Type of NFR	Remarks (if any)
NREQ01	Increasing the number of crops to 10 crops	Programming	Scalability	NA
NREQ02	Each field value must be easily editable.	UI design	Usability	NA
NREQ03	Providing the option for farmer to add the price of crop in per KG in edit text	Programming	Scalability	NA
NREQ04	Adding the date when customer had taken the crop from the farmer	Programming	Scalability	NA
NREQ05	There will be limit for adding the maximum the quantity of crops	Programming	Scalability	NA

2. Non-Functional Requirements Specification

NREQID: NREQ01

TITLE: Increasing the number of crops to 10 crops.

Tag: Scalability of app.

AMBITION: To ensure that farmer can add more number of crops as possible.

SCALE: Time in seconds for 10 crops.

METER: Time Interval between farmer clicking on option for particular crop till the farmer sees the crop page.

MINIMUM: 5 second for each crop.

TARGET: 3 second for each crop.

OUTSTANDING: 1 second for each crop.

NREQID: NREQ02

TITLE: On clicking the edit button in every field, each field value must be editable.

Tag: Usability of app.

AMBITION: To ensure that users can edit fields as easily as possible.

SCALE: Time and effort have taken by a novice the user to edit his details.

METER: Among 10 novice users time interval is time between user logins to its profile page and till he has done editing his details.

MINIMUM: 5 farmers find crop page editing intuitive.

TARGET: 7 farmers find crop page editing intuitive.

OUTSTANDING: all farmers find crop page editing intuitive.

NREQID: NREQ03

TITLE: Providing the option for farmer to add the price of crop in per KG in edit text.

Tag: Scalability of data.

AMBITION: To ensure that the farmer should enter the price of crop in per Kg format.

SCALE: Price of crop entered per Kg.

METER: Price entered should be floating value not string.

MINIMUM: 1-500 Rs per Kg.

TARGET: 1-1000 Rs per Kg.

OUTSTANDING: 1- 10000 Rs per Kg.

NREQID: NREQ04

TITLE: Adding the date when customer had taken the crop from the farmer.

Tag: Scalability of data.

AMBITION: To allow the farmer to see the date when customer had taken the crop from him/her..

SCALE: Time to open the page to see the details of customer.

METER: Among 10 novice farmers time interval is time between farmer clicking page to see the details of customer till the detail page is opened.

MINIMUM: 5 users find user detail page intuitive.

TARGET: 7 users find user detail page intuitive.

OUTSTANDING: all users find user detail page intuitive.

NREQID: NREQ05

TITLE: There will be limit for adding the maximum the quantity of crops.

Tag: Scalability of app.

AMBITION: To ensure that farmer must not enter the value which is very big.

SCALE: Maximum quantity of crops farmer can add in the 'enter quantity' edit text.

METER: Quantity entered by the farmer should be integer and very large.

MINIMUM: 1 - 100 Kg.

TARGET: 1 - 5000 Kg.

OUTSTANDING: 1 - 10000 Kg.

3. Report Summary

In this Sprint, I am increasing the number of crops so farmer should have more crops to enter and also customer should have more number of crops to buy. Then all the items entered by the farmer are editable so that he/she may edit whenever want or if mistakenly entered the details. Then the date when the customer had taken the crop from the farmer had included so that he should know when the customer had actually had taken the crop from him/her for some query. Then i had put a restriction on the quantity of crop the farmer can enter also the price of crop he/she can enter so that he must not enter the invalid values.

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