Project Design Phase-II

Data Flow Diagram & User Stories

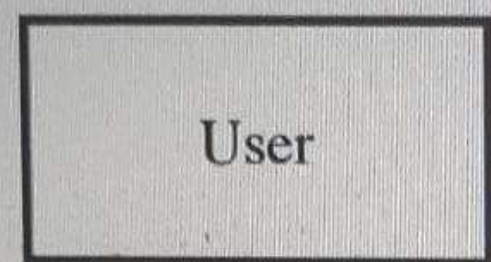|	
Date	13 October 2022
Team ID	PNT2022TMID44400
Project Name	Estimate The Crop Yield Using Data Analytics
Maximum Marks	4 Marks

User Stories

User type	Functional Requirement(Epic)	User Story Number	User Story/ Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Registration	-USN 1	As a user, I can register for the application by entering my email, password, and confirming my password.	I can access my account / dashboard	High	Sprint-1
		-USN 2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & click confirm	High	Sprint-1
		-USN 3	As a user, I can register for the application through Facebook	I can register & access the dashboard with Facebook Login	Low	Sprint-2
		-USN 4	As a user, I can register for the application through Gmail	I can able to go through the cart	Medium	Sprint -1
	Login	-USN 5	As a user, I can log into the application by entering email & password	I can reset my password If I have forgotten my password	High	Sprint -1
	My account	-USN 6	As a user ,I can view my personal information	I can edit my profile photo and email.i can logout of the application from my account	High	Sprint-2

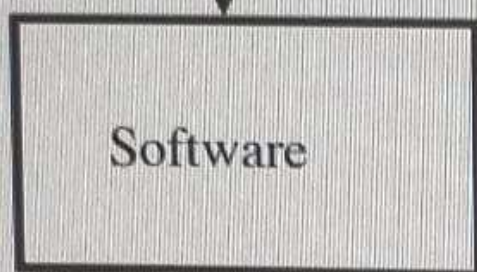| User type	Functional Requirement(Epic)	User Story Number	User Story/Task	Acceptance criteria	Priority	Release
Customer(Web user)	Registration	-USN 7	As a user ,I can register for the application by entering my email ,password and confirming my password	I can upload a profile photo and add my name to the account	Medium	Sprint -1
Customer Care Executive	Communication	-USN 8	As a user, i can provide support systems for companies that often communicate with the customers	I can maintain strong relationships with customer and client ,so I can ease their queries and increase productivity	High	
Administrator	Chief Executive	-USN 9	As an administrator ,I can modify the list of products .so I can adjust our offerings overtime	Add or remove products.modify product images.select a category for the products.modify category taxonomy	High	Sprint -1
Estimator	Estimation	-USN 10	As a user,i can see all the items we will try to estimate this session.	I have a feel for the size of the various items in the product based	Medium	Sprint -1

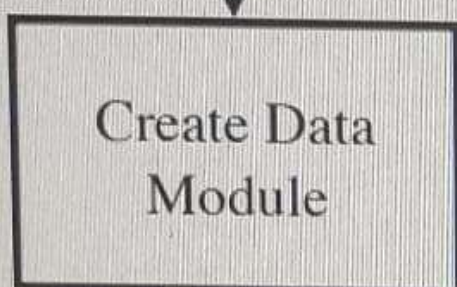| User type	Functional Requirement(Epic)	User Story Number	User Story/ Task	Acceptance criteria	Priority	Release
Moderator	Mediator	-USN 11	As a user, i can invite estimators by giving them a url where they can access the product	I can answer question about the current product such as" does this include…"	High	Sprint -1

Data Flow Diagrams:

A Data Flow Diagram (DFD) is a traditional visual representation of the information flows within a system. A neat and clear DFD can depict the right amount of the system requirement graphically. It shows how data enters and leaves the system, what changes the information, and where data is stored.
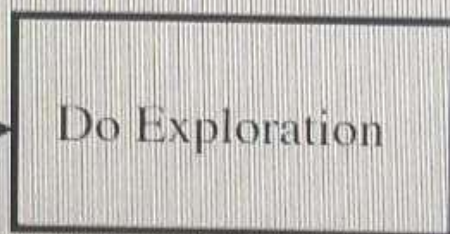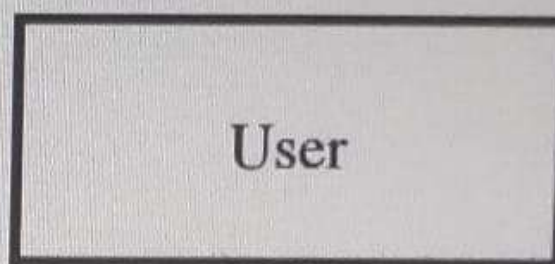
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┌─────────────┐                          ┌─────────────┐
│             │                          │             │
│    User     │                          │    User     │
│             │                          │             │
└──────┬──────┘                          └──────▲──────┘
       │                                        │
    Dataset                                     │
       │                                 ┌──────┴──────┐
       ▼                                 │             │
┌─────────────┐                          │  Dashboard  │
│             │                          │             │
│  Software   │                          └──────▲──────┘
│             │                                 │
└──────┬──────┘                          ┌──────┴──────┐
       │                                 │             │
       ▼                                 │  Software   │
┌─────────────┐                          │             │
│             │                          └──────▲──────┘
│ Create Data │                                 │
│   Module    │                          ┌──────┴──────┐
│             │                          │ Creation of │
└──────┬──────┘                          │ Estimate the Crop │
       │                                 │ Yield Dashboard │
       │                                 └──────▲──────┘
       │        ┌──────────────┐                │
       └───────▶│              │────────────────┘
                │Do Exploration│
                │              │
                └──────────────┘
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