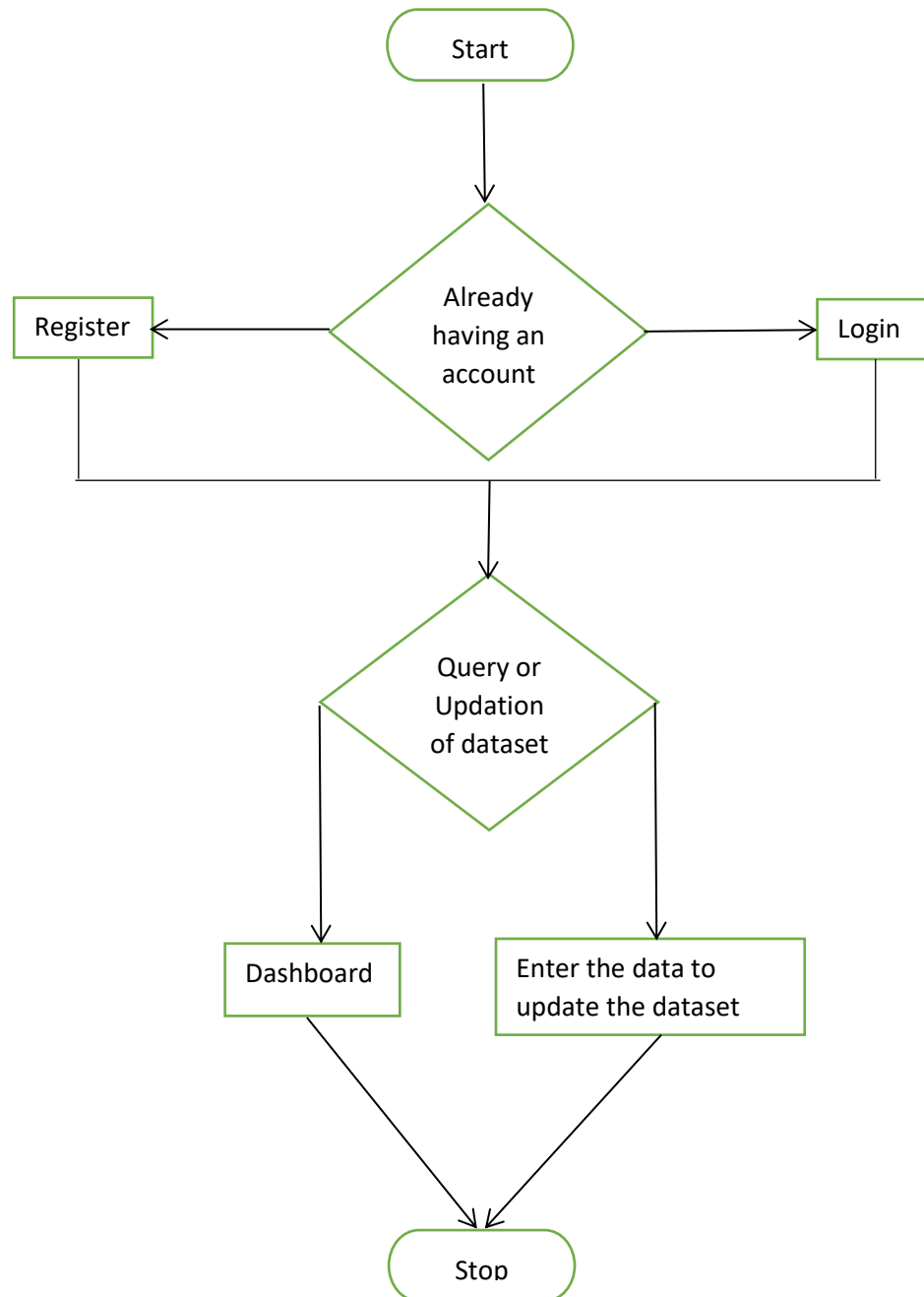| Date	31 October 2022
Team ID	PNT2022TMID14659
Project Name	Estimate the crop yield using Data Analytics
Maximum Marks	4 Marks

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.

Simplified Flow

```
                          ┌─────────┐
                          │  Start  │
                          └────┬────┘
                               │
                               ▼
                           ◇ Already
         ┌──────────┐      having an      ┌─────────┐
         │ Register │ ◄──  account   ──►  │  Login  │
         └────┬─────┘         ◇           └────┬────┘
              │                                 │
              └─────────────┬───────────────────┘
                            │
                            ▼
                        ◇ Query or
                         Updation
                        of dataset ◇
                       ╱           ╲
                      ▼             ▼
              ┌───────────┐   ┌──────────────────┐
              │ Dashboard │   │ Enter the data to│
              └─────┬─────┘   │ update the dataset│
                    │         └────────┬─────────┘
                    └────────┬─────────┘
                             ▼
                         ┌────────┐
                         │  Stop  │
                         └────────┘
```
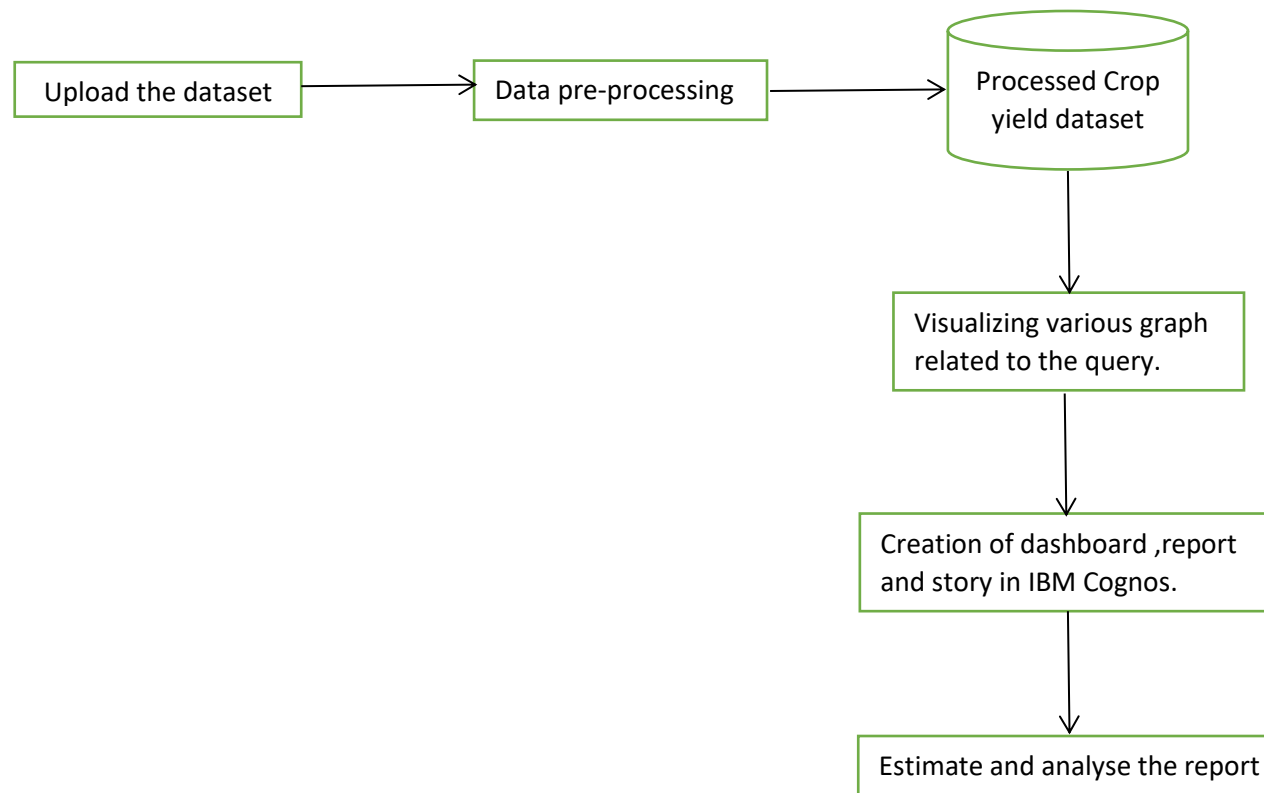
User Stories

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		Medium	Sprint-1
	Login	USN-5	As a user, I can log into the application by entering email & password		High	Sprint-1
	Dashboard	USN-6	As a user, I can access the dashboard to get insights on a particular crop or region		Medium	Sprint-2
Customer (Web user)	Activity	USN-7	As a user, I can register for the application through any web-browser	I can get a pop-up or a notification from the browser about the login	Low	Sprint-1
Customer Care Executive	Access Resources	USN-8	As a user, I can use my login credentials in the web-application to access the available resources	No one else can login into my account without the knowledge of user	High	Sprint-1
Administrator	Set events	USN-9	As a user, I can plan some events for the upcoming days or a to-do list for a day		High	Sprint-2
Customer	Tools	USN-10	I can perform the analysis I want using the filter tool in the Dashboard	I have an ease of accessing tools	High	Sprint-1