Project Design Phase-II
Data Flow Diagram & User Stories

| Date	15 October 2022
Team ID	PNT2022TMID15512
Project Name	Project – Estimate The Crop Yield Using Data Analytics
Maximum Marks	4 Marks

Data Flow Diagrams:

Simplified Diagram:
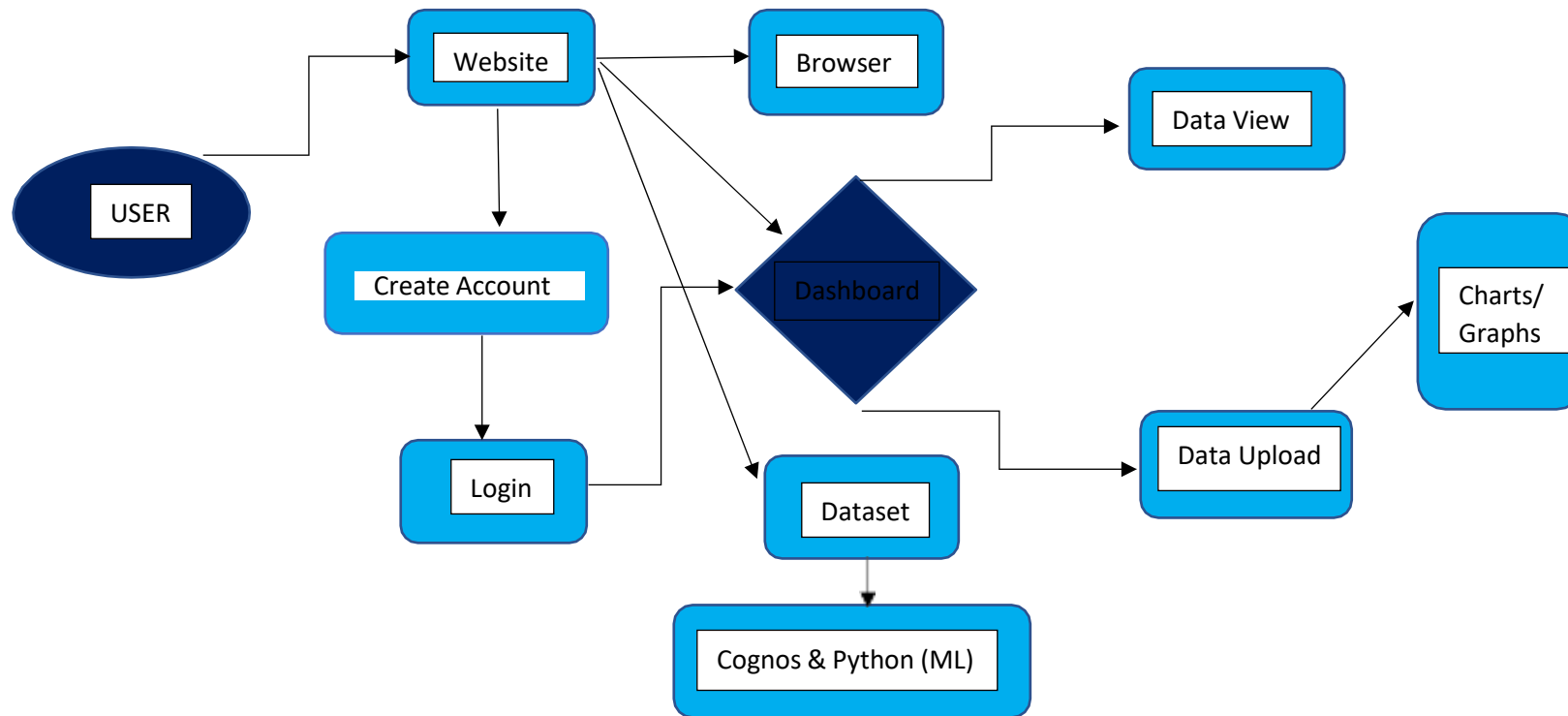
1. User can create account for analysis.
2. User can access application by any browser.
3. Selected data can be extracted.
4. Once user had registered I can login to it by the credentials.
5. User can access the dashboard. There user can view and upload the data
6. The notification for the user by browser on login on application.
7. Extracted data is passed to data analytics for enrichment
8. Enriched data is visualized using the cognos and ML.

DFD Level 0 (Industry Standard):
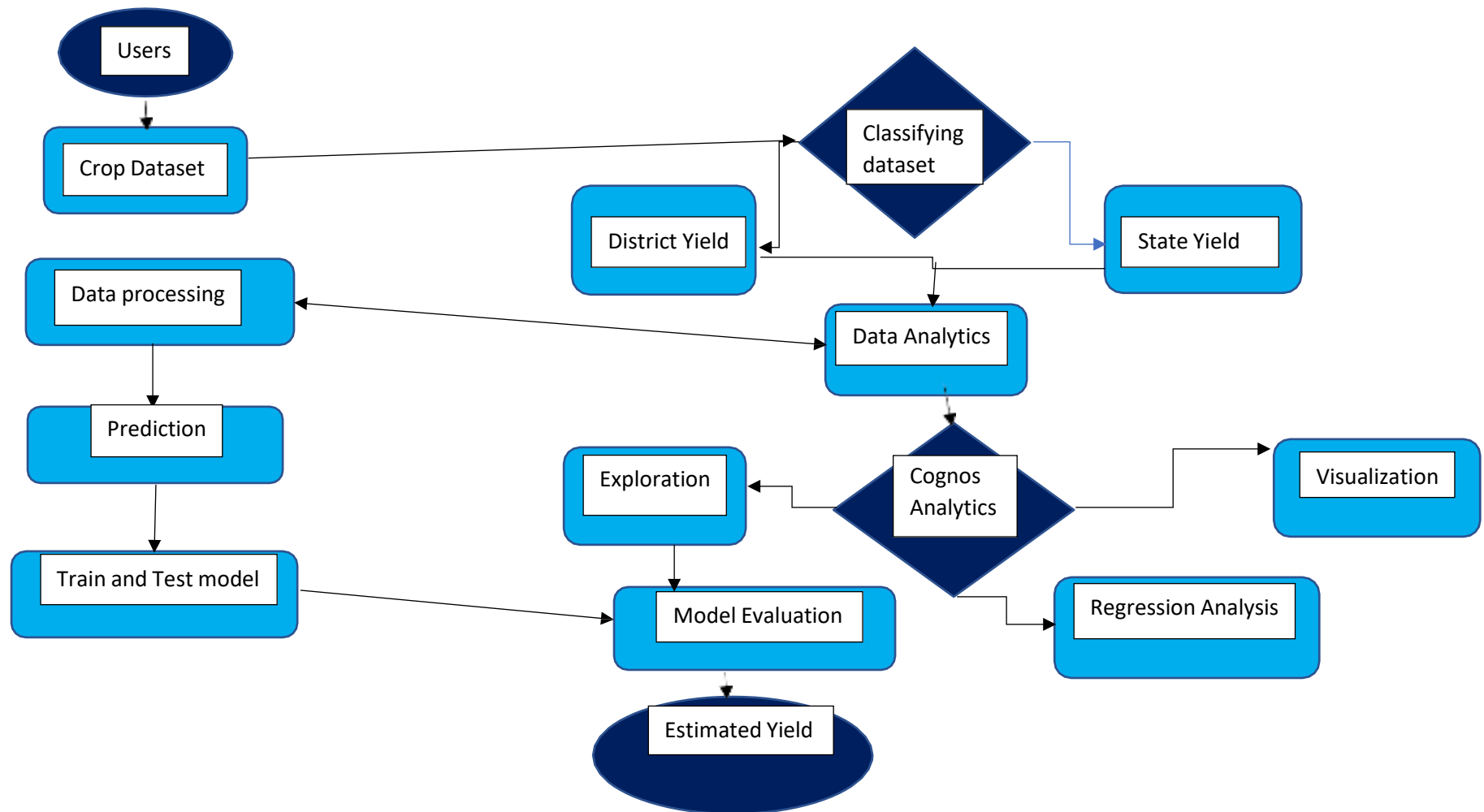
User Stories:

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	I can access the dashboard of mine.		Medium	Sprint-2
Customer (Web user)	Access resources	USN-7	I can use my credentials for accessing my resources.	Other than me, there is less chance to access my resources.	High	Sprint-1
Customer Care Executive		USN-8	As customer care executive I will always be available for the interaction with the customer to clarify the queries.	An executive will note down the customers complaints and solve their problems.	High	Sprint-2
Administrator	Updating data	USN-9	Collecting the data and store it	Checking and updating dataset	High	Sprint-1
Customer tools	Tools	USN-10	I can perform analysis by tools (cognos and with ML)	I have an ease of accessing tools.	High	Sprint-1