

**Project Design Phase-II**  
**Data Flow Diagram & User Stories**

Date	23 October 2023
Team ID	Team-592736
Project Name	Octagon Oracle(UFC Fight Forecast)
Maximum Marks	4 Marks

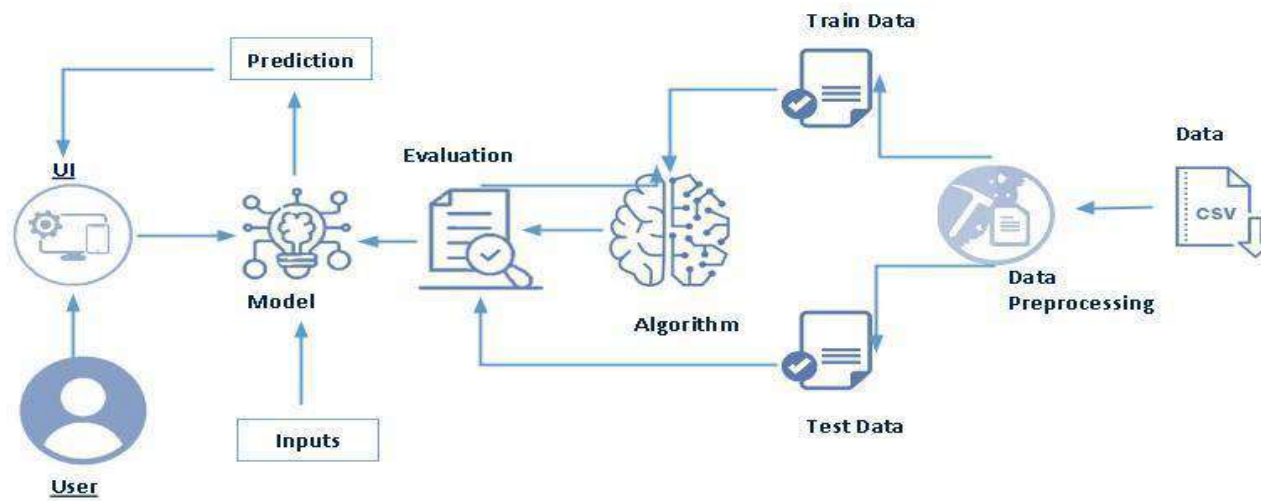
**Data Flow Diagrams:**

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.

The UFC Fight Predictor is an advanced predictive model designed to forecast the outcomes of UFC fights using a combination of statistical analysis, machine learning algorithms, and historical fight data. By examining key fighter metrics such as age, height, weight, striking accuracy, submission attempts, and takedown ratio, the predictor can identify patterns and trends that influence fight outcomes. This tool serves as a valuable resource for UFC fans, bettors, analysts, and researchers, enabling them to make more informed predictions, enhance their viewing experience, and gain insights into the dynamics of UFC fights. The UFC Fight Predictor empowers users with a deeper understanding of fighter performance and contributes to the overall excitement and engagement with the sport.

**Team Members: Samarth Gakhar(21BCE0898) and Neelay Yadav(21BCE0180)**

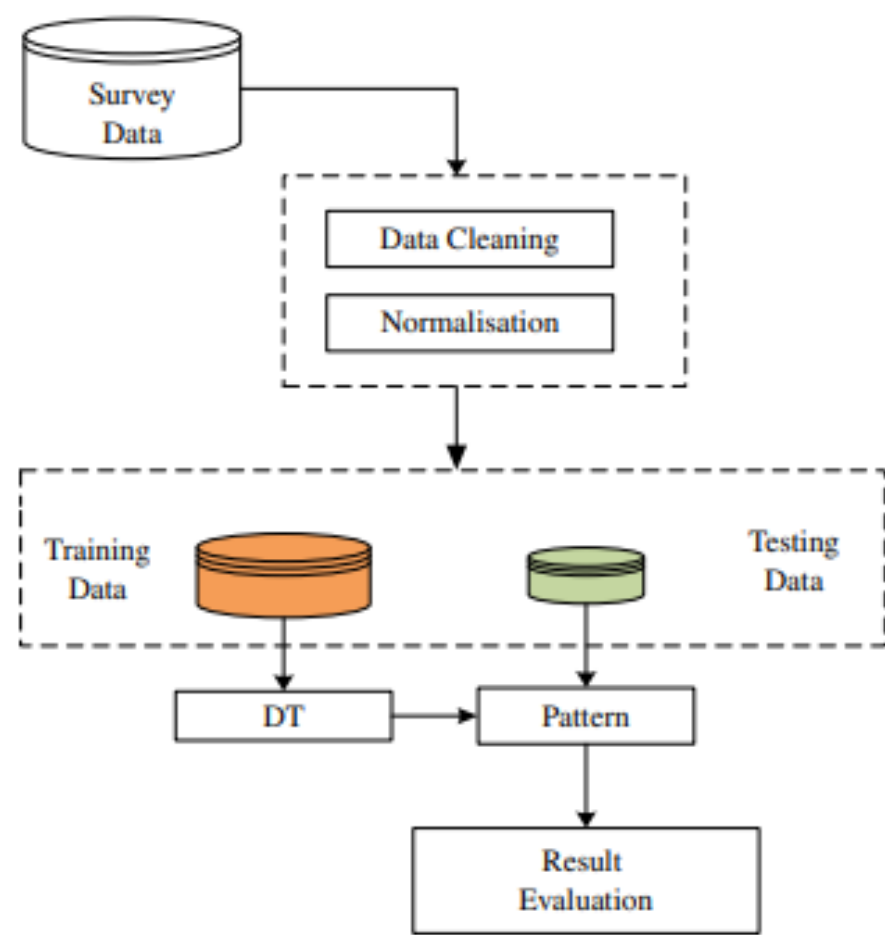
### Flow:



### Project Flow:

- User interacts with the UI to enter the input.
- Entered input is analyzed by the model which is integrated.
- Once model analyzes the input the prediction is showcased on the UI

**DFD(Level 0)**



### User Stories:

Use the below template to list all the user stories for the product.

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
Customer (Mobile user)	Registration Confirmation Email	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
Customer (Mobile user)	Registration via Facebook	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
Customer (Mobile user)	Registration via Gmail	USN-4	As a user, I can register for the application through Gmail	I can register & access the dashboard via Gmail	Medium	Sprint-1
Customer (Mobile user)	Login	USN-5	As a user, I can log into the application by entering email & password	I can log on to the system	High	Sprint-1
Customer (Mobile user)	Dashboard	USN-6	As a user, I can view the upcoming UFC fights on the dashboard.	I can view the predictions of upcoming UFC fights on the dashboard.	High	Sprint-1
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 access my account / dashboard	High	Sprint-1

Customer Care Executive	Manage Users	USN-8	As a user, I can register for the application through Gmail	I can block or unblock users.	Medium	Sprint-2
Administrator	Manage Users	USN-9	As an administrator, I can view all the users of the application.	I can delete users	Medium	Sprint-2
Administrator	Manage Predictions	USN-10	As an administrator, I can view all the predictions of upcoming UFC fights.	I can edit or delete predictions.	Medium	Sprint-2

