

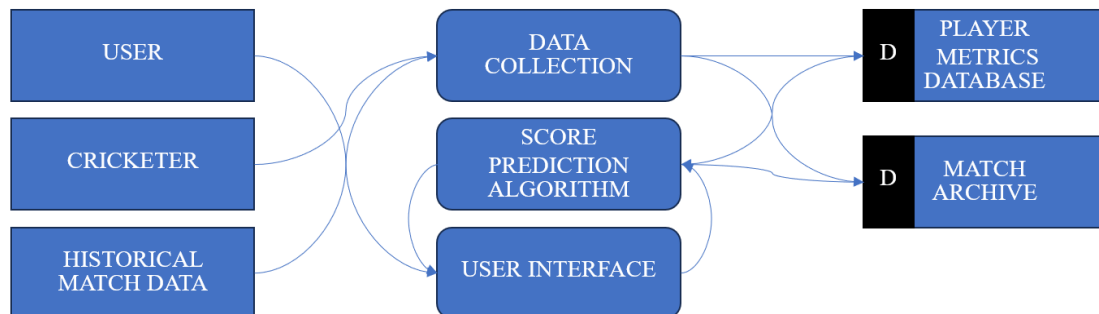
Project Design Phase-II

Data Flow Diagram & User Stories

Date	23 October 2023
Team ID	Team-591627
Project Name	T20 Totalitarian: Mastering Score Predictions
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.



User Stories:

User Type	Functional Requirement (Epic)	User Story Number	User Story/ Task	Acceptance Criteria	Priority	Release
Developer	Project setup and infrastructure	USN-1	As a developer, I need to set up the required infrastructure and environment for data collection, preprocessing, model training, and web deployment. This includes: Procuring necessary hardware or cloud resources. Setting up a development environment with required software and libraries. Establishing a data storage system for collected and processed data. Configuring version control systems for code management. Preparing a web server or cloud hosting for prediction display. Implementing security measures to protect data and the web application. Creating a well-documented project structure and guidelines for the development team.	Hardware and software infrastructure are in place. Data storage and version control systems are functional. Web server or cloud hosting is ready for deployment. Security measures are implemented and tested. Project structure and guidelines are documented.	High	Sprint-1

Customer (Web user)	Data collection	USN-2	As a user, I can submit data like batting team, bowling team, venue, current score, overs done, wickets out and runs scored in last 5 overs.	Can select the teams, input the necessary data and submit it successfully.	High	Sprint-1
Customer (Web user)	Data collection	USN-3	As a user, I can view historical data past match score.	Access past T20 match scores and data via web platform.	Medium	Sprint-2
Customer (Web User)	Prediction Display	USN-3	As a Web User, I want to see predictions for T20 matches on a website so that I can have insights into match outcomes.	<ul style="list-style-type: none"> - The website displays predicted scores for T20 matches. - Predictions are based on historical data and machine learning models. 	High	Sprint-3