

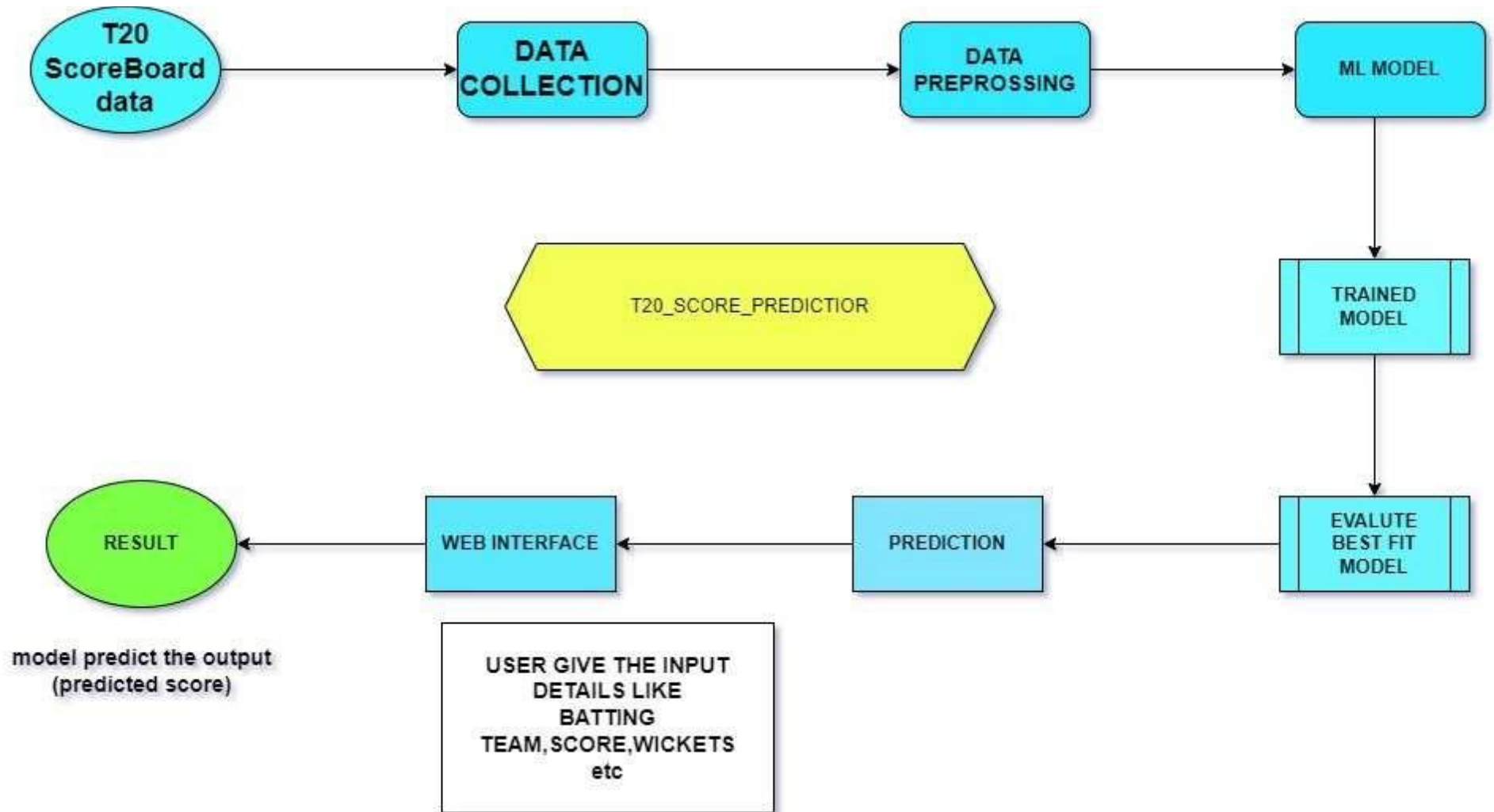
Project Design Phase-II
Data Flow Diagram & User Stories

Date	20 October 2023
Team ID	592000
Project Name	Project -T20 Totalitarian Mastering Score predictor
Maximum Marks	4 Marks

Data Flow Diagrams:

THIS DFD OUTLINES THE KEY COMPONENTS, PROCESSES, AND DATA FLOWS IN T20 SCORE PREDICTION. IT SHOWCASES THE INTERACTIONS BETWEEN USER AND MODEL, HOW PREDICT FROM CURRENT SITUATIONS, AND THE DATA INVOLVED, PROVIDING AN EFFECTIVE VISUAL REPRESENTATION OF YOUR PROJECT'S DATA FLOW.

A Data Flow Diagram (DFD) visually represents the flow of data within a system. In the context of a T20 score prediction ML model, the steps involved can be illustrated through a DFD. Here's a simplified representation. This DFD provides a high-level overview of the key steps involved in T20 score prediction, from data processing to real-time predictions, and user interaction. Depending on the complexity of your system, you may expand each step into more detailed processes and data flows.



DATAFLOW Diagram of T20_Score_prediction

User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Customer (Mobile user)	Directly interact with model	USN-1	As a customer, I want to get an estimate of the prediction of the score at the end of innings	1. I should be able to input the batting team Bowling team, score, venue, wickets left and overs etc 2. System will provide predicted score at end of innings	High	Sprint-1
		USN-2	As a user, I want to receive timely notifications or updates during live matches so that I stay informed about changing predictions and match dynamics	1. I should understand how the predicted score will be changed.	medium	Sprint-1
Customer (Web user)	Directly interact with model	USN-3	As a user, I want an intuitive and userfriendly interface so I can easily navigate and interact with the prediction model.	1. I should be able to input the batting team Bowling team, score, venue, wickets left and overs etc 2. System will provide predicted score at end of innings	high	Sprint-2

Admin	Upload historical T20_score data and graphs	USN-4	As an admin, I want to upload historical T20_score data to improve predictive accuracy	1. I should be able to upload CSV files containing past T20_score data. 2. The system should process and store this data for model training. 3. A confirmation of successful upload should be provided	HIGH	SPRINT-1
Data analyst	View prediction accuracy	USN-5	As a data analyst, I want to view the accuracy of shipping predictions.	1. The system should provide a dashboard with prediction accuracy metrics. 2. Accuracy metrics should include measures like Mean Absolute Error (MAE) and Root Mean Squared Error (RMSE).	MEDIUM	SPRINT-1
Cricket Team Analyst:	Understanding The strategies of match	USN-6	As a cricket team analyst, I want detailed insights into opposing team strategies and key player performances to assist our team in strategic planning and decision-making.	1. The data analyst should be able to access this information easily. 2. I will change only bowling team and predict the strength of batting team from the application	MEDIUM	SPRINT_2