PROJECT STATUS REPORT

Project Name	Spectoclava-A recommender and matchup analysis system	Reporting Period
Sport	Cricket	
Team members	• P Sai Charan • Pranit Prasant Pai • Muhammad Ashar Reza • Pratham Shetty • Saksham Alok	06/06/2023 - 08/09/2023

HIGHLIGHTS

- Successfully obtained a huge dataset required for the project through web scraping
- Came up with a statistical model based on bernoulli's trial that gives matchup data which is in line with the actual statistics

CHALLENGES

- Data set had to be cleaned thoroughly
- We have successfully managed to clean the data set in order to obtain the right results

STATUS UPDATES

Task or Deliverable	Task Owner	Status	Notes
• Web scraping • Data cleaning • Statistical model	• Web scraping- Sai Charan • Data cleaning- Ashar • Statistical model- Pranit, Pratham	DONE	We have managed to scrape the data successfully and also clean it. We have managed to implement bernoulli's

player vs player matchup	• player vs player matchup-Pranit, Saksham, Ashar, Charan, Pratham		statistical model to give favourable results
• team vs team matchup • user friendly frontend	• Team Matchup - Everyone • user friendly frontend - Everyone	**ONGOING**	after a successful result of Virat Kohli vs Mitchell Starc matchup we are now working on India vs australia matchup to recommend the best batsmen in the game.
None	None	**STUCK**	-
None	None	ARCHIVED	-

NEXT STEPS

Action Items

Task or Deliverable	Task Owner
Web Scraping	P Sai Charan
Data Cleaning	Md Ashar Reza
Statistical Model	Pranit Pai, Pratham Shetty
Player vs Player Matchup	Pranit, Charan, Ashar, Pratham, Saksham

Team vs Team Matchup	Pranit, Charan, Ashar, Pratham, Saksham
Frontend	Saksham, Charan, Pranit

Pending Issues

- To come up with a machine learning algorithm that successfully predicts matchups
- To create a visually appealing frontend
- Testing of the model

Mentor in charge

Faculty in Charge: Dr Bharathi R and Dr Sandesh BJ

Comments given by the faculty-The faculty gave us valuable advice in order to read through enough research papers, including a paper published by our mentor, Dr Sandesh BJ. We received valuable tips on how to solve a small problem first and then extend it to the larger data set.