Project Planning Phase
Project Planning Template (Product Backlog, Sprint Planning, Stories, Story points)

Date	18 October 2022
Team ID	Team-592649
Project Name	T20 Totalitarian: Mastering Score Predictions
Maximum Marks	8 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration	T20-USN-1	As a user, I can register for the T20 application by entering my email, password, and confirming my password.	2	High	Siddharth, Abinesh
Sprint-1	Registration	T20-USN-2	As a user, I will receive a confirmation email once I have registered for the T20 application.	1	High	Rupa Krishna, Rakesh

Sprint-2	Prediction	T20-USN-3	As a user, I can predict scores for T20 matches in the application.	3	Medium	Siddharth
Sprint-2	Prediction	T20-USN-4	As a user, I can view predictions made by other users.	2	Low	Abinesh
Sprint-3	Leaderboard	T20-USN-5	As a user, I can view the leaderboard to see the top predictors in the T20 application.	2	High	Rupa Krishna
Sprint-3	Authentication	T20-USN-6	Enhance user authentication for better security.	2	High	Rakesh
Sprint-4	Notifications	T20-USN-7	As a user, I receive notifications for match results and leaderboard updates.	3	Medium	Siddharth, Rakesh
Sprint-4	Dashboard	T20-USN-8	As a user, I can access a personalized dashboard with a summary of my predictions and performance.	4	High	Abinesh, Rupa Krishna

Project Tracker, Velocity & Burndown Chart: (4 Marks)

Velocity:

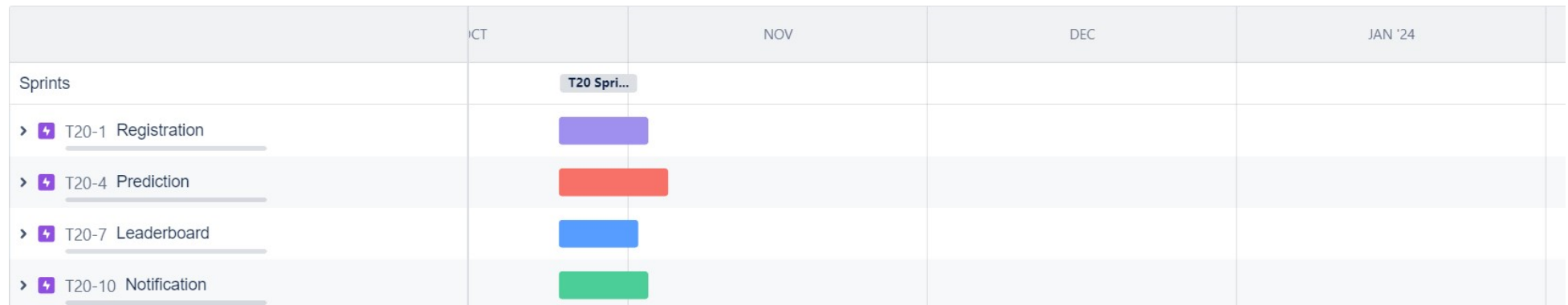| Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	15	04 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	18	11 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Average Velocity= 73/4

Average Velocity=18.25

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

https://www.atlassian.com/agile/tutorials/burndown-charts

Reference:

https://www.atlassian.com/agile/project-management

https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software

https://www.atlassian.com/agile/tutorials/epics

https://www.atlassian.com/agile/tutorials/sprints

https://www.atlassian.com/agile/project-management/estimation

https://www.atlassian.com/agile/tutorials/burndown-charts