

Project Planning Phase

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

Date	18 November 2023
Team ID	Team-592784
Project Name	Project - Restaurant Recommendation System
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Ideation Phase	USN-1	Complete all the template in the Ideation Phase and submit it to the Github Repo	2	Medium	Prajwal
Sprint-2	Project Design Phase	USN-2	Complete all the template in the Project Design Phase and submit it to the Github Repo	2	Medium	Anish
Sprint-3	Project Planning Phase	USN-3	Complete all the template in the Project Planning Phase and submit it to the Github Repo	2	Medium	Aditya

Sprint-4	Model Building	USN-4	Build the AI model for Recommender System	3	High	Aditya
Sprint-5	Back end web application	USN-5	Build the Web application	3	High	Anish
Sprint-6	Front End Development	USN-6	Web development to integrate the model with UI	3	High	Prajwal
Sprint-7	Performance and Testing	USN-7	Check for the performance of the code and test the result.Upload the necessary document in git repo	2	Medium	Aditya
Sprint-8	Final Submission	USN-8	Final report making and Submitting	3	High	Anish Prajwal

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

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	1 Day	12 Nov 2023	12 Nov 2023	20	12 Nov 2023
Sprint-2	20	2 Days	19 Nov 2023	20 Nov 2023	20	20 Nov 2023
Sprint-3	20	2 Days	13 Nov 2023	14 Nov 2023	20	14 Nov 2023

Sprint-4	20	2 Days	15 Nov 2023	16 Nov 2023	20	16 Nov 2023
Sprint-5	20	2 Days	16 Nov 2023	18 Nov 2023	20	18 Nov 2023
Sprint-6	20	2 Days	18 Nov 2023	19 Nov 2023	20	19 Nov 2023
Sprint-7	20	2 Days	19 Nov 2023	20 Nov 2023	20	20 Nov 2023
Sprint-8	20	2 days	20 Nov 2023	21 Nov 2023	20	21 Nov 2023

Velocity:

Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = 160/15 = 10.667$$

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.

Burndown Chart

