

Project Planning Phase

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

Date	05 July 2024
Team ID	SWTID1719923176
Project Name	Project - Freelance Finder : Discovering Opportunities, Unlocking Potential.
Maximum Marks	4 Marks

Product Backlog, Sprint Schedule, and Estimation (2 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1(Frontend)	React Navbar design, Menu design, Infinite Slider, Feature Component Design	USN-1	React Navbar and Menu design	3	High	P R Adithya
		USN-2	Infinite Slider and Feature Component Design	3	Medium	Aryaman Parashar Behera
Sprint-1	React Product Slider, React Fiverr Footer Design, React Fiverr Category Page Design, React Single Product Page Design	USN-3	React List Page using HTML Tables React Chat Page Design React Add New Product Page Design	3	High	SWARNA KAMALAM S
			React Fiverr Category Page Design and Single Product Page Design	3	High	Disha M
Sprint-1	React List Page using HTML Tables, React Chat Page Design, React Add New Product Page Design	USN-4	React List Page using HTML Tables and Chat Page Design	3	High	P R Aditya
			React Add New Product Page Design	3	High	Aryaman Parashar Behera
Sprint-2 (Backend)	Installation, Connection of MongoDB Data Structure.	USN-5	Installation, Connection of MongoDB Data Structure.	2	High	Disha M

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3 (Backend)	API Development and Integration	USN-6	API for User Registration and Login	3	High	P R Adithya, Aryaman Parashar Behera
		USN-7	API for Freelance Job Posting	3	High	SWARNA KAMALAM S, Disha M
Sprint-4 (Testing and Deployment)	Testing and Bug Fixes	USN-8	Frontend Testing	2	Medium	Disha M, Aryaman Parashar Behera
		USN-9	Backend Testing	2	High	SWARNA KAMALAM S, P R Adithya

Project Tracker, Velocity & Burndown Chart: (2 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	12	1 Days	06 July 2024	07 July 2024	12	
Sprint-2	16	2 Days	07 July 2024	09 July 2024	16	
Sprint-3	16	2 Days	09 July 2024	11 July 2024	16	
Sprint-4	6	1 Days	11 July 2024	12 July 2024	6	

Velocity:

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)

$$AV = \frac{\text{sprint duration}}{\text{velocity}} = \frac{20}{10} = 2$$

Burndown Chart:

A burndown 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.visual-paradigm.com/scrum/scrum-burndown-chart/>

<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>