

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID09738
Project Name	Skill / Job Recommender Application
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	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-1		USN-3	As a user, I can register for the application through Facebook	2	Low	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	1	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
	Dashboard	USN-7	As a user, I can access the website in a second.	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-1	Dashboard	USN-8	As a user, If I Logged in correctly, I can view my dashboard and I can navigateto any pages which are already listed there.	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-2	User Profile	USN-9	As a user, I can view and update my details	2	Medium	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-2	Database	USN-10	As a user, I can store my details and data in the website w	2	Medium	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-2	Cloud Storage	USN-11	As a user, I can upload my photo, resume and much more in the website.	1	Medium	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-2	Chatbot	USN-12	As a user, I can ask the Chatbot about latest job openings, which will help me and show the recent job openings based on my profile		High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-2	Identity-Aware	USN-13	As a User, I can access my account by entering by correct login credentials. My user credentials is only displayed to me.	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-3	SendGrid service	USN-14	As a user, I can get a notification or mail about a job opening with the help of sendgrid service.	1	Medium	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-3	Learning Resource	USN-15	As a user, I can learn the course and I will attain the skills which will be useful for developing my technical skills.	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-3	Docker	USN-16	As a user, I can access the website in any device	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-3	Kubernetes	USN-17	As a user, I can access the website in any device	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-3	Deployment in cloud	USN-18	As a user, I can access the website in any device	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-3	Technical support	USN-19	As a user, I can get a customer care support from the website which will solve my queries.	1	Medium	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-4	Unit Testing	USN-15	As a user, I can access the website without any interruption	2	High	Mouli S, Sundaravel T R, Nethaji V,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Rubiga Sri S, Surya C
Sprint-4	Integrationtesting	USN-16	As a user, I can access the website without any interruption	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C
Sprint-4	Systemtesting	USN-17	As a user, I can access the website without any interruption	2	High	Mouli S, Sundaravel T R, Nethaji V, Rubiga Sri S, Surya C

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

Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
20	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
20	6 Days	31 Oct 2022	05 Nov 2022	19	05 Nov 2022
20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
20	6 Days	14 Nov 2022	19 Nov 2022	20	19 Nov 2022

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)

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

Burndown Chart:

