

Project Planning Phase

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

Team ID	PNT2022TMID07356
Project Name	Project - Skill and Job Recommender
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	Registration	USN-1	As a user, I can register for the application by entering my email, phone number, and username.	1	Low	Gopi krishnan M
Sprint-1		USN-2	As a user, I can register for the application through Gmail.	1	Low	Gopi krishnan M

Sprint-1		USN-3	As a user, I will receive a confirmation email once I have registered for the application	1	Low	Gopi krishnan M, Saddala Dhanyasree, Aadhavan R
Sprint-1		USN-4	As a user, I will have to enter the details specified in my Resume in the form given.	2	High	Gopi krishnan M, Saddala Dhanyasree, Aadhavan R
Sprint-1	Login	USN-5	As a user, I can log into the application by entering my email or username & password	1	High	Gopi krishnan M, Saddala Dhanyasree, Aadhavan R, Krishna Kumar S
Sprint-2	Dashboard	USN-6	As a user, I will be able to view my Dashboard along with other services.	2	Medium	Aadhavan R, Krishna Kumar S
Sprint-2		USN-6	As a user, I will be able to view the courses for the required	2	Medium	Gopi krishnan M, Aadhavan R

			skills.			
Sprint-2		USN-7	As a user, I will be able to search for jobs as per the criteria mentioned in my resume.	2	High	Saddala Dhanyasree, Krishna Kumar S

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		USN-7	As a user, I will be able to find government jobs according to my qualifications.	3	High	Gopi krishnan M, Aadhavan R
Sprint-3	Communication	USN-7	As a user, I will be able to chat with a job recommender bot and get suggestions.	3	High	Gopi krishnan M, Saddala Dhanyasree ,Aadhavan R, Krishna Kumar S
Sprint-4		USN-7	As a user, I will be able to chat with a job recommender	3	High	Gopi krishnan M, Saddala Dhanyasree

			bot and get suggestions.			,Aadhavan R, Krishna Kumar S
Sprint-4	Notification	USN-8	As a user, I will receive notifications regarding availability	3	Medium	Saddala Dhanyasree ,Aadhavan R

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)	Story Points Completed (as on Planned End Date)
Sprint-1	20	6 Days	24 Oct 2022	29Oct2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	5Nov2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov2022	12Nov2022		
Sprint-4	20	6 Days	14Nov 2022	19Nov2022		

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:

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>