

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID02089
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	Anagha Nambiar
Sprint-1		USN-2	As a user, I can register for the application through Gmail.	1	Low	Akhila Vignesh
Sprint-1		USN-3	As a user, I will receive a confirmation email once I have registered for the application	1	Low	Akhila Vignesh
Sprint-1		USN-4	As a user, I will have to enter the details specified in my Resume in the form given.	2	High	Anagha Nambiar and Ananthi S
Sprint-1	Login	USN-5	As a user, I can log into the application by entering my email or username & password	1	High	S Dharshini
Sprint-2	Dashboard	USN-6	As a user, I will be able to view my Dashboard along with other services.	2	Medium	Anagha Nambiar and S Dharshini
Sprint-2		USN-6	As a user, I will be able to view the courses for the required skills.	2	Medium	Anagha Nambiar and S Dharshini
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	Ananthi S and Akhila Vignesh

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	Ananthi S and S Dharshini
Sprint-3	Communication	USN-7	As a user, I will be able to chat with a job recommender bot and get suggestions.	3	High	Akhila Vignesh and Anagha Nambiar
Sprint-4		USN-7	As a user, I will be able to search for a job based on filters like gender and salary expectation.	3	High	Anagha Nambiar and S Dharshini
Sprint-4	Notification	USN-8	As a user, I will receive notifications regarding availability.	3	Medium	Akhila Vignesh and Ananthi S

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	6 Days	24 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	20	6 Days	14 Nov 2022	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:

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.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>