

Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID48527
Project Name	Project - Cloud Application Development - Skill / Job Recommender Application
Maximum Marks	8 Marks

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

Use the below template to create a 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 name, email, phone number, and password.	8	High	Kavin, Sunilprasad, Nithish, Govindaraj
Sprint-4		USN-2	As a user, I can register through Chatbot.	1	Low	Govindaraj
Sprint-1	Login	USN-1	As a user, I can log into the application by entering my email & password.	5	High	Kavin, Sunilprasad, Nithish, Govindaraj
Sprint-2	Notification	USN-1	As a registered user, I can get notifications for jobs/course recommendations based on my skills through calls and WhatsApp.	1	High	Kavin, Sunilprasad, Nithish, Govindaraj
Sprint-3		USN-2	As a registered user, I can get notifications for jobs/course recommendations through Email.	1	High	Kavin, Sunilprasad, Nithish, Govindaraj
Sprint-1	Recommendation	USN-1	As a user, I can view job recommendations or courses to improve myself on the website.	3	Medium	Kavin, Sunilprasad,

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
						Nithish, Govindaraj
Sprint-1	Contact registered users	CCESN-1	As a customer care executive, I can talk to the registered users to know their skill levels and their interest.	2	High	Kavin, Sunilprasad, Nithish, Govindaraj
Sprint-1	Monitoring the user onboarding	ASN-1	As an administrator, I monitor whether a user completes his profile once he registered.	1	High	Kavin, Sunilprasad, Nithish, Govindaraj

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	19	6 Days	24 Oct 2022	29 Oct 2022	00	15 Nov 2022
Sprint-2	01	6 Days	31 Oct 2022	05 Nov 2022	00	16 Nov 2022
Sprint-3	01	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	01	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>