

Project Planning Phase

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

Date	23 October 2022
Team ID	PNT2022TMID43362
Project Name	Project – 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	Kotamreddy Aishika
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	4	High	Darshini
Sprint-2		USN-3	As a user, I can register for the application through Facebook	3	Low	Poornakala
Sprint-3		USN-4	As a user, I can register for the application through Gmail	5	Medium	Sri Prashiddhi
Sprint-3	Login	USN-5	As a user, I can log into the application by entering email & password	7	High	Kotamreddy Aishika
Sprint-2	Dashboard	USN-6	As a user, I can access my dashboard after signing in.	4	High	Poornakala
Sprint-4	Access	USN-7	As a user, I can setup a profile, and basic details by signing in.	3	Medium	Darshini
Sprint-4		USN-8	As a user, I will upload my resume, certificates, and other requirements.	8	Low	Sri Prashiddhi

Sprint-1	Chatbot	USN-8	As a user, I can seek guidance from the customer care executive.	5	Medium	Darshini
Sprint-2	DBMS	USN-9	As a administrator, I can keep the applications of your organization relies on running.	6	High	Kotamreddy Aishika

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	11	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	13	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	12	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	11	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)

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

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>

