

Project Planning Phase

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

Date	29 October 2022
Team ID	PNT2022TMID53371
Project Name	Skill and Job Recommender Application
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	Acceptance criteria	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.	I can access my account /dashboard	High	Pranav,Manoj ,Madhu
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	I can receive confirmation email & clickconfirm	High	Pranav, Manoj .
Sprint-2		USN-3	As a user, I can register for the application through Face book	I can register & access the dashboard with Face book Login	Low	Manoj, Pranav.
Sprint-1		USN-4	As a user, I can register for the application through Gmail	I can register and access the dashboard with Gmail	Medium	Manoj ,Roshini, Pranav, Madhu
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	I can register and access the dashboard with email	High	Pranav, Madhu
Sprint-1	Dashboard	USN-6	As a user, I can access my dashboard after signing in, where I could interact with the Chatbot	I can access my account / dashboard	High	Pranav, Manoj, Roshini
Sprint-1	Authentication Authorisation	USN-7	As a user, I will check whether the data provided will be safe and secure	I can provide all the details For authentication	Medium	Roshini, Madhu
Sprint-2	Customers issues	USN-8	Develops customer service guidelines and writes them up for all employees to follow	I can get the queries and doubts cleared by customer care	Low	Madhu, Manoj

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		
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)

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

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.

