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

Date	18 October 2022
Team ID	PNT2022TMID32918
Project Name	Project – Skill/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, password, and confirming my password.	2	High	4
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	4
Sprint-2		USN-3	As a user, I can register for the application through Facebook	3	Low	4
Sprint-1		USN-4	As a user, I can register for the application through Gmail	2	Medium	4
Sprint-1	Login	USN-5	As a user, I can log into the application by entering email & password	2	High	4
Sprint-2	Dashboard	USN-6	As a user, I can search for jobs through this application	3	Medium	4
Sprint-3	Dashboard	USN-7	As a user, I can upload the resume	4	High	4
Sprint-3		USN-8	As a user , I can see the suggestions for the jobs	2	Medium	4
Sprint-3		USN-9	As a user, I should be able to specify the domain	4	High	4
Sprint-4	Database	USN-10	As a user, details should be saved in the DB	4	High	4

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Chat Bot	USN-11	As a user, I should be able to chat with the application	3	Medium	4

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	8	6 Days	24 Oct 2022	29 Oct 2022		
Sprint-2	6	6 Days	31 Oct 2022	05 Nov 2022		
Sprint-3	10	6 Days	07 Nov 2022	12 Nov 2022		
Sprint-4	7	6 Days	14 Nov 2022	19 Nov 2022		

Velocity:

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{8}{6} = 1.33$$

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{6}{6} = 1$$

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{10}{6} = 1.66$$

$$AV = \frac{\text{Sprint Duration}}{\text{Velocity}} = \frac{7}{6} = 1.167$$

$$AV = \frac{1.33 + 1 + 1.66 + 1.167}{4} = \frac{5.157}{4} = 1.28$$

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.