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

Date	28 October 2022
Team ID	PNT2022TMID15428
Project Name	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	UI Creation Creating Registration page, Login page	10	Medium	1)Sunandh Kumar, 2)Haneesh Chowdary, 3)Singam Siva Sai Ganesh, 4)Gnaneswara Sai.
Sprint-1	Database Connectivity	USN-2	Viewing and applying jobs Connecting UI with Database	10	High	1)Sunandh Kumar, 2)Haneesh Chowdary, 3)Singam Siva Sai

						Ganesh, 4)Gnaneswara Sai.
Sprint-2	SendGrid Integration	USN-3	SendGrid Integration with Python Code	10	Low	1)Sunandh Kumar, 2)Haneesh Chowdary, 3)Singam Siva Sai Ganesh, 4)Gnaneswara Sai.
Sprint-2	Chatbot Development	USN-4	Building a chatbot	10	High	1)Sunandh Kumar, 2)Haneesh Chowdary, 3)Singam Siva Sai Ganesh, 4)Gnaneswara Sai.
Sprint-3	Integration and Containerisation	USN-5	Integrating chatbot to the HTML page and containerizing the app.	20	Medium	1)Sunandh Kumar, 2)Haneesh Chowdary, 3)Singam Siva Sai Ganesh, 4)Gnaneswara Sai.
Sprint-4	Upload Image and deployment	USN-6	Upload the image to the IBM Registry anddeployit in the Kubernetes Cluster.	10	High	1)Sunandh Kumar, 2)Haneesh Chowdary, 3)Singam Siva Sai

						Ganesh, 4)Gnaneswara Sai.

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	04 NOV 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)

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

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 methodologiessuchas Scrum. However, burn down charts can be applied to any project containing measurable progress over time.