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

Date	16 November 2022
Team ID	PNT2022TMID18265
Project Name	Project – Skill/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	Story Points	Priority	Team Members
Sprint-1	Registration	USN-1	UI Creation, Creating Registration page, Login page.	3	Medium	Poongkalai J, Snegha R, Bhargavi S, Shrivarshni G, Akshaya K M
Sprint-1	Database Connectivity	USN-2	Viewing and applying jobs Connecting UI with Database.	2	High	Bhargavi S, Shrivarshni G, Akshaya K M
Sprint-2	Send Grid Integration	USN-3	Send Grid Integration with python code.	2	Low	Poongkalai J, Snegha R
Sprint-2	Chatbot Development	USN-4	Building a chatbot.	1	High	Poongkalai J, Snegha R, Akshaya K M
Sprint-3	Integration and Containerization	USN-5	Integrating chatbot to the HTML page and containerizing the app.	2	Medium	Poongkalai J, Bhargavi S, Shrivarshni G, Akshaya K M
Sprint-4	Upload Image and deployment	USN-6	Upload the image to the IBM Registry and deploy it in the Kubernetes Cluster.	3	High	Poongkalai J, Snegha R, Bhargavi S, Shrivarshni G

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	09 Nov 2022	15 Nov 2022		
Sprint-4	20	6 Days	17 Nov 2022	23 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 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