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

Date	18 October 2022
Team ID	B8-2A4E
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	As a user, I can register for the application by entering my email, password, Resume and other educational details and confirming my password.	2	High	Vasagan, Chakravarthy, Silambarasan, Karthik.
Sprint-1	Confirmation	USN-2	As a user, I will receive confirmation email when I have registered for the application	1	High	Vasagan, Chakravarthy, Silambarasan, Karthik.
Sprint-2	Registration	USN-3	As a user, I can register for the application through mobile app or web app.	2	Medium	Vasagan, Chakravarthy, Silambarasan, Karthik.
Sprint-3	Login	USN-4	As a user, I can log into the application by entering email & password.	2	Medium	Vasagan, Chakravarthy, Silambarasan, Karthik.
Sprint-4	Dashboard	USN-5	User can visit new Jobs offers provided by organizations and apply for it.	1	High	Vasagan, Chakravarthy, Silambarasan, Karthik.

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	ChatBot	USN-6	User can get updates for job offers based on their skill sets provided on the profile, and receive messages through chatbot.	2	Medium	Vasagan, Chakravarthy, Silambarasan, Karthik.

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	20	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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 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