Project Planning Phase

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

Date	23 October 2022
Team ID	PNT2022TMID42796
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**	**Story Points**	**Priority**	**Team Members**
Sprint-1	Registration	USN-1	Creating Login page Creating Registration page	10	High	J.Navin Sashaang R.Ramanadevi
Sprint-1	Database Connectivity	USN-2	To Store details of the customer Connecting UI with Database	10	Medium	J.Dhanya R.Ramanadevi
Sprint-2	SendGrid Integration	USN-3	SendGrid Integration with python code	10	Low	J.Navin Sashaang A.Praveen kumar
Sprint-2	Chatbot Development	USN-4	Building Chatbot Using IBM Watson assistant	10	High	J.Dhanya R.Ramanadevi
Sprint-3	Job Recommender UI	USN-5	Building UI for Skill and Job Recommender Application	10	High	J.Navin Sashaang R.Ramanadevi
Sprint-3	API	USN-6	Connecting UI with indeed API	10	Medium	J.Navin Sashaang J.Dhanya
Sprint-4	Integration and Containerisation	USN-7	Integrating Chatbot to Web UI and Containerising the app	10	High	A.Praveen kumar J.Dhanya

Sprint-4	Upload image and deployment	USN-8	Upload image to the IBM Registry and deploy it in the Kubernate Cluster	10	High	J.Navin Sashaang R.Ramanadevi

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	25 Oct 2022	29 Oct 2022		
Sprint-2	20	6 Days	30 Oct 2022	03 Nov 2022		
Sprint-3	20	6 Days	06 Nov 2022	11 Nov 2022		
Sprint-4	20	6 Days	13 Nov 2022	17 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-burndownchart/

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