

Project Planning Phase

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

Date	28 October 2022
Team ID	PNT2022TMID07953
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	Priority	Team Members
Sprint-1	Registration	USN-1	UI Creation Creating Registration page, Login page	Medium	HIMA VASINI M ASVITHA K
Sprint-1	Database Connectivity	USN-2	Connecting databasewith UI	High	HIMA VASINI M
Sprint-2	Chatbot Development	USN-3	Building a chatbot	Medium	BARKAVI R ESHASWETHA E
Sprint-2	Integration	USN-4	Integrating chatbot to the HTML page	Low	HIMA VASINI M ESHASWETHA
Sprint-3	View jobs or apply	USN-5	Able to visit application, get recommendations based on job seeker skill and apply if needed.	High	HIMA VASINI M ASVITHA K BARKAVI R ESHASWETHA E

Sprint-3	SendGrid Integration	USN-6	SendGrid Integration with Python Code	Medium	ASVITHA K BARKAVI R
Sprint -4	Upload Image and deployment	USN-7	Upload the image to the IBM Registry and deploy it in the Kubernetes Cluster.	High	ASVITHA K BARKAVI R ESHASWETHA E HIMA VASINI M
Sprint-4	Containerizing and deploying	USN-8	Containerizing app and deploying it in IBM cloud	High	ASVITHA K BARKAVI R ESHASWETHA E HIMA VASINI M

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	3 Days	24 Oct 2022	27 Oct 2022	20	27 Oct 2022
Sprint-2	20	1 Days	1 Nov 2022	2 Nov 2022		
Sprint-3	20	7 Days	3 Nov 2022	10 Nov 2022		
Sprint-4	20	10 Days	11 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)

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

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://makemycharts.atlassian.net/jira/software/projects/HIMAboards/1>

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

