Project Planning Phase

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

Date	1 November 2022
Team ID	PNT2022TMID47414
Project Name	Skill and 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		USN-1	As a user, Create Flask Project, Create IBM cloud account, Install IBM cloud CLI	2	High	S.Dharshini V.Chitra banu B.Durga V.Janci
Sprint-1		USN-2	Docker CLI Installation,create account in send grid	1	High	S.Dharshini V.Chitra banu B.Durga V.Janci
Sprint-2		USN-3	create UI to Interact with application,create IBMDb2 and connect with Python	2	Low	S.Dharshini V.Chitra banu B.Durga V.Janci
Sprint-3		USN-4	Sendgrid integration with python code,Building Chatbot and integrate to App	2	Medium	S.Dharshini V.Chitra banu B.Durga V.Janci
Sprint-4		USN-5	Containerize the App,Upload image to IBM container Registery,Deploy in Kubernets Cluster	1	High	S.Dharshini V.Chitra banu B.Durga V.Janci

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members

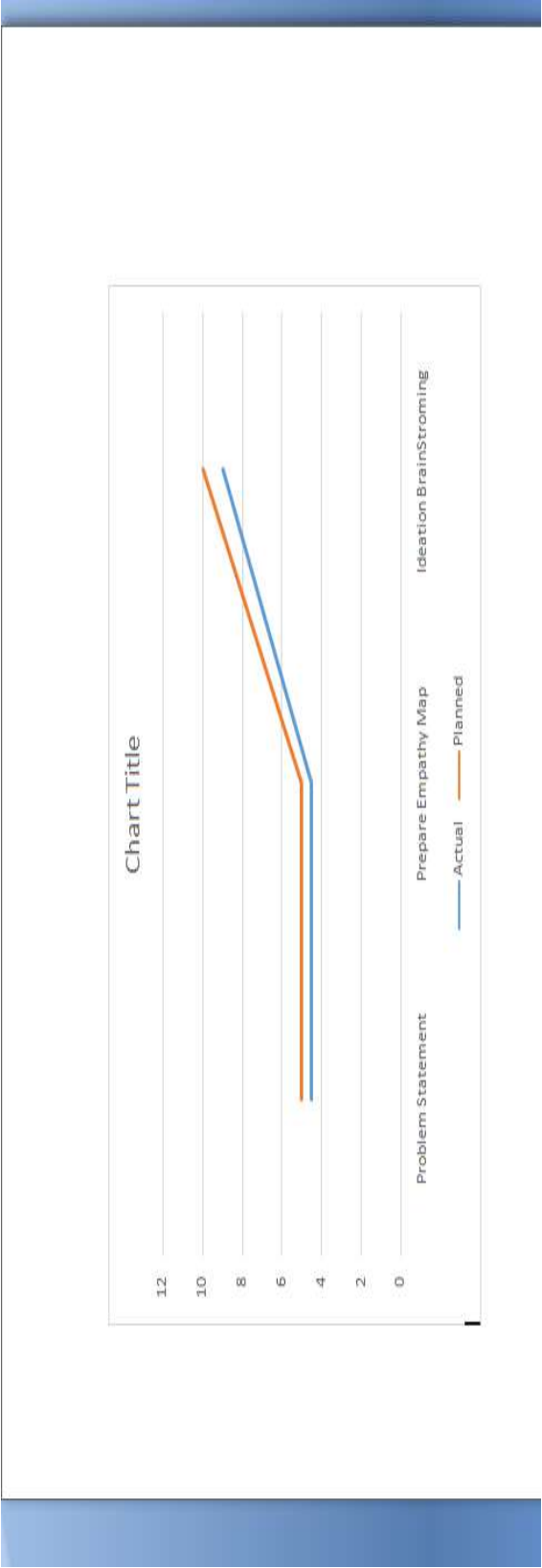## Project Tracker, Velocity & Burndown Chart: (4 Marks)

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

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:

Chart Title

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
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