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

Date	18 October 2022
Team ID	PNT2022TMID15308
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	Story points	Priority	Team members
Sprint-1	Registration	USN-1	As a user, I can register for the application by entering my email, and password, and confirming my password.	5	High	Charan Madhan Mohan Rajasimman
Sprint-1	Verification	USN-2	As a user, I will receive a confirmation email once I have registered for the application	5	High	Madhan Mohan Ajaykrishnan
Sprint-2	Registration	USN-3	As a user, I can register for the application through Gmail	3	Medium	Rajasimman Charan
Sprint-2	Login	USN-4	As a user, I can log into the application by entering email & password	5	High	Ajaykrishnan Charan
Sprint-3	Dashboard	USN-5	As a user, I can access my dashboard after signing in.	8	High	Rajasimman
Sprint-3	Profile	USN-6	As a user, I can set up a profile, and basic details.	5	Medium	Madhan Mohan Charan
Sprint-4	Upload	USN-7	As a user, I will upload my resume, certificates, and other requirements.	2	High	Ajaykrishnan
Sprint-4	Salary	USN-8	As a user, I will be able to know the salary for my job	8	Medium	Charan Madhan Mohan

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story points	Priority	Team members
						Rajasimman Ajaykrishnan

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	24 Nov 2022

Velocity:
Imagine we have a 10-day sprint duration. 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)

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

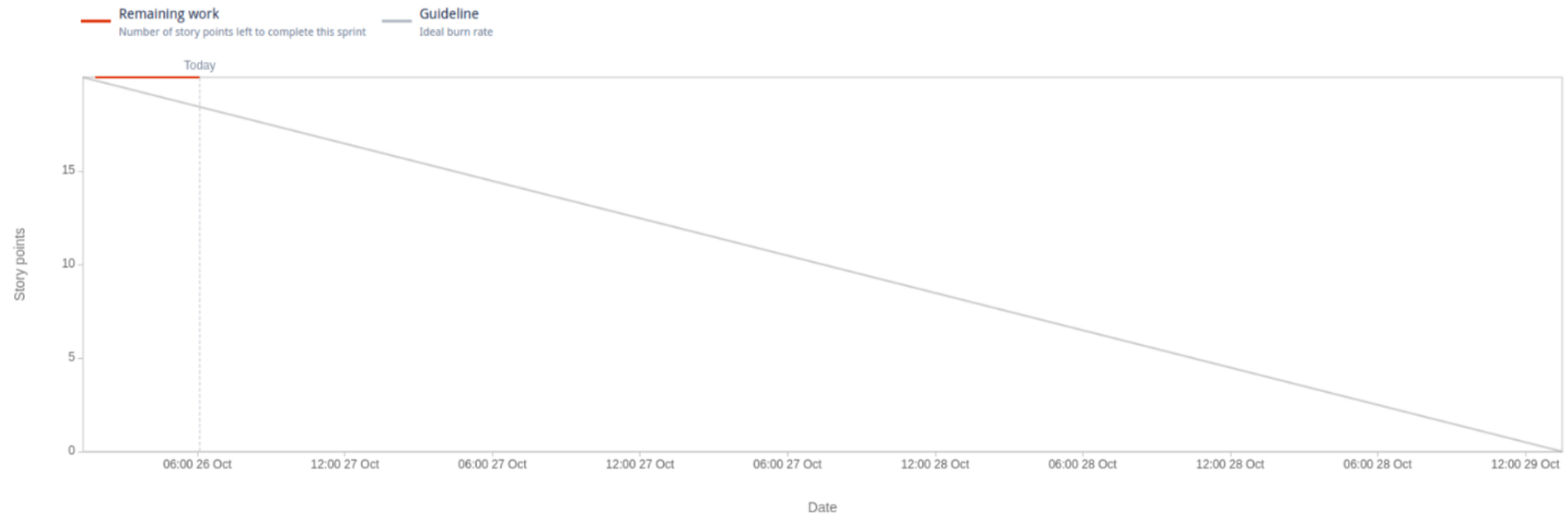| Sprint	Total story points	Duration	Average velocity
Sprint 1	20	6 Days	20 / 6 = 3.33
Sprint 2	20	6 Days	20 / 6 = 3.33
Sprint 3	20	6 Days	20 / 6 = 3.33
Sprint 4	20	6 Days	20 / 6 = 3.33
Total	80	24 Days	80 / 24 = 3.33

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.

Sprint
PET Sprint 1 ⌄

Estimation field
Story points ⌄

Date - 26 October 2022 - 29 October 2022

Remaining work
Number of story points left to complete this sprint

Guideline
Ideal burn rate

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