Project Planning Phase

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

Date	22 October 2023
Team ID	B6599E4A0FF70B2AD844C4FB2D41D4AA
Project Name	Project – The future of work :Data analytics of glass door jobs
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	Data cleaning and collection	USN-1	As a Data Analyst, I want to extract job listings from Glassdoor so that I can analyze job trends..	8	High	Team member1
Sprint-1		USN-2	As a Data Analyst, I want the extracted job data to be cleaned so that the analysis is accurate	5	Medium	Team member2
Sprint-2		USN-3	As a Business Stakeholder, I want to understand the most in-demand job roles so that we can align our business strategy	5	Medium	Team member4
Sprint-2		USN-4	As a Recruiter, I want to know the average salary range for each job role to remain competitive in our hiring proces	8	Medium	Team member5
Sprint-3		USN-5	As a Business Strategist, I want to forecast job trends for the next year based on the current data so that we can prepare for future needs.	13	Low	Team member3

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	2 Days	20 Oct 2023	22 Oct 2023	20	22 Oct 2023
Sprint-2	20	2 Days	20 Oct 2023	22 Oct 2023	20	22 Oct 2023
Sprint-3	20	2 Days	20 Nov 2023	22 Oct 2023	20	22 Oct 2023
Sprint-4	20	2 Days	20 Nov 2023	22 Oct 2023	20	22 Oct 2023

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)

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

ACTUAL VELOCITY :
AV=20/2=10

10 STORY POINTS PER DAY

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