Project Planning Phase

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

Date	21 October 2023
Team ID	20979A7A3AF46B4BFBD4E6887F9CEE4D
Project Name	The Future of Work : Data Analysis of Glassdoor 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 retrieval and processing	USN-1	As a Data Analyst, I want to retrieve job data from Glassdoor so that I can analyze it for trends and insights.	2	High	4

Sprint-1		USN-2	Analyst, I want to analyze job market gaps by comparing job supply and demand to help bridge the imbalance.	1	High	4
Sprint-2		USN-3	As a Data Analyst, I want to clean and preprocess Glassdoor job data to ensure accuracy and consistency in my analysis.	3	High	4
Sprint-2		USN-4	As a Data Analyst, I want to analyze Glassdoor job data to identify trends, high-demand roles, and salary insights.	3	Medium	4
Sprint-3	Job search and evaluation	USN-5	I want to search for jobs on Glass door and evaluate them based on company culture, benefits, and employee reviews.	3	High	4
Sprint-4	HR Manager	USN-6	I want to perform competitive analysis by comparing our company's Glassdoor ratings and reviews with industry competitors.	2	Medium	4

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 Sep 2023	30 Sep 2023	20	30 Sep 2023
Sprint-2	20	6 Days	1 Oct 2023	07 Oct 2023	20	07 Oct 2023
Sprint-3	20	6 Days	08 Oct 2023	14 Oct 2022	20	14 Oct 2022
Sprint-4	20	6 Days	14 Oct 2022	21 Oct 2022	20	21 Oct 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-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