Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID591132
Project Name	Project - Dissecting Digital Landscape
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	Historical Development	USN-1	Collect historical data of Twitter for growth analysis	3	High	Jigyasa
Sprint-1	Historical Development	USN-2	Create a timeline of Twitter's major milestones	2	Medium	
Sprint-1	User Demographics	USN-3	Analyze user demographics on Twitter. See demographic trends over time on Twitter	3	Medium	
Sprint-2	Societal Influence	USN-4	Study the influence of Twitter on societal discussions	3	High	Shreya
Sprint-2	Societal Influence	USN-5	Track key influencers on Twitter	2	Medium	
Sprint-2	Political Roles	USN-6	Analyze the political roles on Twitter	3	High	
Sprint-3	Commercial Ramifications	USN-7	Understand the commercial implications of social media	3	High	Ishika
Sprint-3	Policy Development	USN-8	Receive policy recommendations based on findings	3	High	
Sprint-3	Policy Development	USN-9	Get insights for informed decisions regarding social media	2	Medium	

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	20 Oct 2023	25 Oct 2023	20	25 Oct 2023
Sprint-2	20	6 Days	24 Oct 2023	3 Nov 2023		
Sprint-3	20	6 Days	30 Oct 2023	7 Nov 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)

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

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