Project Planning Phase

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

Date	17 July 2025
Team ID	PNT2025TMID09404
Project Name	iRevolution
Maximum Marks	5 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	**Define Problem/ Problem Understanding**	IDDEAIIII-1	**Specify the Business Problem, Business Requirements, Literature Survey, Social or Business Impact.**	2	High	ARYA NAIK
Sprint-2	**Data Collection and Preparation**	IDDEAIIII-7	**Collect the dataset, Connect datasets with Tableau**	2	High	ARYA NAIK
Sprint-3	**Data Preparation**	IDDEAIIII-26	**Prepare the Data for Visualization**	2	Low	ARYA NAIK
Sprint-4	**Data Visualization**	IDDEAIIII-12	**No of Unique Visualizations**	4	Medium	ARYA NAIK
Sprint-5	**Dashboard**	IDDEAIIII-14	**Responsive and Design of Dashboard**	4	High	ARYA NAIK
Sprint-6	**Story**	IDDEAIIII-16	**No of Scenes of Story**	4	High	ARYA NAIK
Sprint-7	**Performance Testing**	IDDEAIIII-18	**Utilization of Filters, No of Calculation Fields, No of Visualizations/ Graphs**	3	Medium	ARYA NAIK

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-8	**Publishing**	IDDEAIIII-21	**Publishing dashboard and reports to tableau public**	3	Medium	ARYA NAIK
Sprint-9	**Project Demonstration & Documentation**	IDDEAIIII-22	Demonstrating the project	4	High	ARYA NAIK

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	2	9 Days	17-7-2025	25-7-2025	2	25-7-2025
Sprint-2	2	9 Days	17-7-2025	25-7-2025	2	25-7-2025
Sprint-3	2	9 Days	17-7-2025	23-7-2025	2	25-7-2025
Sprint-4	4	9 Days	17-7-2025	23-7-2025	4	25-7-2025
Sprint-5	4	9 Days	17-7-2025	23-7-2025	4	25-7-2025
Sprint-6	4	9 Days	17-7-2025	23-7-2025	4	25-7-2025
Sprint-7	3	9 Days	17-7-2025	23-7-2025	3	25-7-2025
Sprint-8	3	9 Days	17-7-2025	23-7-2025	3	25-7-2025
Sprint-9	4	9 Days	17-7-2025	23-7-2025	4	25-7-2025

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