

Project Planning Phase

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

Date	15 February 2025
Team ID	PNT2025TMID09535
Project Name	iRevolution : A data driven exploration of Apple iPhone impact in India
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation (4 Marks)

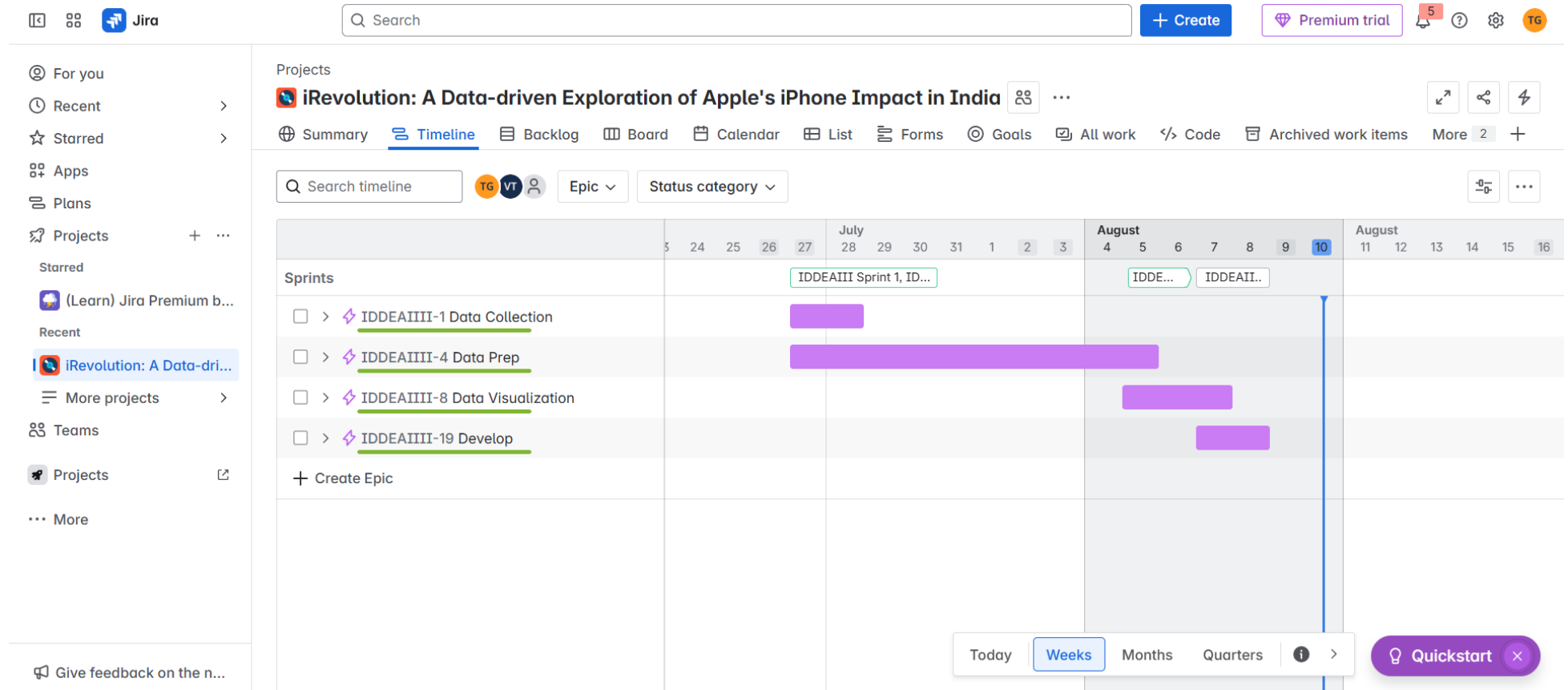
Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Data Collection	IDDEAIIII-2	Gathering Data	1	Medium	Tanushree
Sprint-1		IDDEAIIII-3	Loading Data	1	Medium	Tanushree
Sprint-2	Data Prep	IDDEAIIII-5	Handling Missing Values	3	Medium	Tanushree
Sprint-2		IDDEAIIII-6	Creating Fields	3	Medium	Tanushree
Sprint-2		IDDEAIIII-7	Handling Inconsistencies	3	Medium	Tanushree
Sprint-3	Data Visualization	IDDEAIIII-9	KPI	3	Medium	Tanushree
Sprint-3		IDDEAIIII-10	Model Specification	3	Medium	Tanushree
Sprint-3		IDDEAIIII-11	Bar Chart	1	Medium	Tanushree
Sprint-3		IDDEAIIII-12	Tree Map	2	Medium	Tanushree
Sprint-3		IDDEAIIII-13	Bubble Chart	2	Medium	Tanushree
Sprint-3		IDDEAIIII-14	Line Bar Chart	2	Medium	Tanushree
Sprint-3		IDDEAIIII-15	Donut Chart	1	Medium	Tanushree

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-3		IDDEAIIII-16	Line Chart	1	Medium	Tanushree
Sprint-3		IDDEAIIII-17	Text Table	3	Medium	Tanushree
Sprint-3		IDDEAIIII-18	Map	2	Medium	Tanushree
Sprint-4	Develop	IDDEAIIII-22	Dashboard	5	Medium	Tanushree
Sprint-4		IDDEAIIII-23	Story	5	Medium	Tanushree

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	2 Day	27 July 2025	28 July 2025	2	28 July 2025
Sprint-2	9	4 Days	28 July 2025	30 July 2025	9	30 July 2025
Sprint-3	20	6 Days	31 July 2025	05 August 2025	20	05 August 2025
Sprint-4	10	2 Days	07 August 2025	08 August 2025	10	08 August 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)

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

$$= 41 / 10$$

$$= 10.25$$

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>