

Project Planning Phase

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

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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Sri sai
Sprint 2	Login	USN-2	As a user, I can log into the application by entering email & password	2	High	Udith ragav
Sprint 2	Dashboard	USN-3	As a user, after logging in, I will be able to enter my budget.	2	High	Vinoth kumar
Sprint 3	Dashboard	USN-4	As a user, I will be able to enter incomes and Expenses	2	High	Vinoth kumar
Sprint 4	Dashboard	USN-5	As a user, I will download my monthly expense reports	2	Medium	Udith ragav
Sprint 1	Support	USN-6	As a user, I will contact customer support for login issues / assistance.	1	Low	Sri sai
Sprint 1	Support	USN-7	As a user, I will contact administrator for critical issues	1	Low	Sarankarthik

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)
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Sprint-1	20	6 Days	1 Oct 2022	6 Oct 2022	10	6 Oct 2022
Sprint-2	20	6 Days	6 Oct 2022	11 Oct 2022	20	11 Oct 2022
Sprint-3	20	18 Days	12 Oct 2022	30 Oct 2022	20	30 Oct 2022
Sprint-4	20	14 Days	1 Nov 2022	14 Nov 2022	20	14 Nov 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)

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

$$Av = 1.8$$