

## Project Planning Phase

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

Date	20 October 2022
Team ID	PNT2022TMID14670
Project Name	Project – Personal Expense Tracker Application
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Shanmathi
Sprint 2	Login	USN-2	As a user, I can log into the application by entering email & password	2	High	Bhavika
Sprint 2	Dashboard	USN-3	As a user, after logging in, I will be able to enter my budget.	2	High	Kiruthika
Sprint 3	Dashboard	USN-4	As a user, I will be able to enter incomes and Expenses	2	High	Keerthana
Sprint 4	Dashboard	USN-5	As a user, I will download my monthly expense reports	2	Medium	Bhavika
Sprint 1	Support	USN-6	As a user, I will contact customer support for login issues / assistance.	1	Low	Shanmathi
Sprint 1	Support	USN-7	As a user, I will contact administrator for critical issues	1	Low	Keerthana

**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	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)

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

$$Av = 1.8$$