

## Project Planning Phase

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

Name	Harini K B
Roll No	194022
Date	08 NOVEMBER 2022
Team ID	PNT2022TMID11417
Project Name	Project - Personal Expense Tracker Application
Maximum Marks	8 Marks

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

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.	3	High	Harini Aathi Sri
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	3	High	Harini Aathi Sri
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	5	High	Harini Aathi Sri
Sprint-1	Dashboard & Logout	USN-4	As a user, once I logged in I can access all the features of the web app and Logout once I completed all the work.	5	High	Harini Aathi Sri
Sprint-1		USN-5	Once logged In, Keep me logged for few hours to avoid repeated login if the page is refreshed	4	Medium	Harini Aathi Sri
Sprint-2	Expense	USN-6	Add total income for the month and Allow for edit option	6	High	Deeparekha Jasmine Priya
Sprint-2		USN-7	Split the total income based on usage like entertainment, food, shopping etc.	2	Low	Deeparekha Jasmine Priya
Sprint-2		USN-8	Add the day to day expense.	6	High	Deeparekha Jasmine Priya
Sprint-2		USN-9	Display the user added expense	6	High	Deeparekha Jasmine Priya
Sprint-3		USN-10	Filter the expense data based on criteria	6	Medium	Harini Aathi Sri

Sprint-3	Charts	USN-11	As a user I can display it in graphs	4	Low	Harini Aathi Sri
Sprint-3	Alerts	USN-12	As a user I create custom alert for the balance	10	High	Harini Aathi Sri
Sprint-4	Deployment	USN-13	As a user I should able to access it anywhere in the net	20	High	Deeparekha Jasmine Priya

**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	3 Days	8 Nov2022	9 Nov 2022	20	9 Nov 2022
Sprint-2	20	3 Days	9 Nov 2022	10 Nov 2022	20	10 Nov 2022
Sprint-3	20	4 Days	10 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	12 Nov 2022	13 Nov 2022	20	13 Nov 2022

**Velocity:**

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

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).