

## Project Planning Phase

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

Date	22 October 2022
Team ID	PNT2022TMID13990
Project Name	Project - Personal Expense Tracker
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	Kishore C Kaushik S
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	Kiranraja PS Kishore C
Sprint-2		USN-3	As a user, I can register for the application through Social media accounts	2	Low	Kaushik S Naveen kumaran R
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	2	Medium	Kiranraja P S
Sprint-2	Dashboard	USN-5	Once logged in , based on user's expenses and data records , graphical representation is achieved	4	High	Kiranraja PS Kishore C Kaushik S Naveen kumaran R

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Financial account	USN-6	As a user, I can add and remove any financial accounts	2	High	Kiranraja PS Kishore C Kaushik S
Sprint-3	Notifications	USN-7	As a user, I can receive alerting notifications on untracked expenses	2	High	Kaushik S
Sprint-3		USN-8	As a user, I can receive suggesting notifications for saving and earning money	2	Medium	Kishore C
Sprint-4	Security	USN-9	As a user, I am assured for linking my financial accounts securely	4	High	Kiranraja PS Kishore C Kaushik S Naveen kumaran R
Sprint-4	Customer care	USN-10	As a user, I can access the customer care for any queries and issues regarding the applications	2	Medium	Naveen kumaran R

**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	3	6 Days	24 Oct 2022	29 Oct 2022	3	29 Oct 2022
Sprint-2	2	6 Days	31 Oct 2022	05 Nov 2022	2	05 Nov 2022
Sprint-3	3	6 Days	07 Nov 2022	12 Nov 2022	3	12 Nov 2022
Sprint-4	2	6 Days	14 Nov 2022	19 Nov 2022	2	19 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)

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

### **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>