

## **Project Planning Phase**

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

Date	20 October 2022
Team ID	PNT2022TMID03675
Project Name	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

<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-1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Pradeep S
Sprint-3	Secuirty	USN-2	As a user, I will receive confirmation email onceI have registered for the application	2	High	Pradeep S
Sprint-3	Registration	USN-3	As a user, I can register for the applicationthrough Facebook	1	Low	Pavai Vendhan G
Sprint-1	Registration	USN-4	As a user, I can register for the applicationthrough Gmail	2	Medium	Portia J
Sprint-1	Login	USN-5	As a user, I can log into the application byentering email & password	2	High	Pradeep S
Sprint-2	Dashboard	USN-6	As a user, I can view, edit, delete my expenses and budget.	2	High	Pooja B
Sprint-3	Report	USN-7	As a user, I can group the expenses	1	Medium	Portia J
Sprint-4	In built Calender	USN-8	As a user, I can keep track of the expenses and other financial stuff using the calender.	1	Low	Pavai Vendhan G
Sprint-2	Alert	USN-9	As a user, i should be able to receive alertswhenever i exceed my limit.	2	High	Pradeep S
Sprint-4	Graphical Representation	USN-10	As a user, I can view my expense data in a graphical way.	1	Medium	Pradeep S
Sprint-4	Security	USN-11	As a administrator, i can view if there are anyspam accounts and i should be able to ban them	2	Medium	Pavai Vendhan G
Sprint-4	Help	USN-12	As a customer care executive, I should be ableto receive calls from users for any help.	1	Low	Pooja B
Sprint-3	Chat Bot	USN-13	As a customer, I should be able to chat with the	2	High	Portia J

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
			chat bot regarding any queries.			

### 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	24 Oct 2022	29 Oct 2022		29 Oct 2022
Sprint-2	20	6 Days	31 Oct 2022	05 Nov 2022		05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022		12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022		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>