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

Date	18 October 2022
Team ID	PNT2022TMID15893
Project Name	Personal Expense Tracker
Maximum Marks	8 Marks

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

Team Members:

VN – Vayugandla Neelima

VLS – Vankadaru Leela Sathvika

PS – Pragnasya S

SS – Shaik Safeena

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.	4	High	PS, VLS
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	2	High	PS, VLS
Sprint-1		USN-3	As a user, I can register for the application through Gmail	2	Medium	PS, VLS
Sprint-1	Login	USN-4	As a user, I can log into the application by entering email & password	4	High	VN, SS
Sprint-1	Dashboard	USN-5	As a user, I can navigate the different features of the application. I can get the overview of the expenses.	4	High	PS, VN, SS, VLS

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Profile	USN-6	As a User, I can view and change my profile settings.	2	Medium	VN, SS
Sprint-2	Track Expenses Page	USN-7	Consolidated view of all expense related operations and data	7	High	PS, VLS
Sprint-2	Track Expenses – Add Expenses	USN-8	As a user, I can able to add the new expenditure details	7	High	PS, SS
Sprint-2	Track Expenses - Graph	USN-9	As a user, I can able to get the details of the expenses in the form of a graph.	6	Low	SS, VN
Sprint-3	Track Savings Page	USN-10	Consolidated view of all savings related operations and data	7	High	PS, VLS
Sprint-3	Track Savings – Add Personal Income Details	USN-11	As a user, I can able to add a various income details.	7	High	SS, VN
Sprint-3	Track Savings – Graph	USN-12	As a user, I can able to get the details of various card payment details in the form of a graph	6	Low	SS, VN, VLS
Sprint-4	Track Reminders Page	USN-13	Consolidated view of all reminders related operations and data	6	High	PS, VLS
Sprint-4	Reminders – Add Remainder	USN-14	As a user, I can be able to add new reminders for payments in my application.	6	High	PS, VN
Sprint-4	Reminders -Add Recurring Reminder	USN-15	As a user, I can be able to add new reminders for recurring payments such as EMIS and loans in my application.	4	Medium	SS, VN
Sprint-4	Loan Tracker Graph	USN-16	As a user, I can be able to get the details of the loan in the form a graph	4	Low	SS, VLS

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

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)

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

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.

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Sprint
PETA Sprint 1 ⌄

Estimation field
Time ⌄

Date - October 24th, 2022 - November 29th, 2022

— **Remaining work**
Hours of work left to complete this sprint

— **Guideline**
Ideal burn rate

Today

Original estimate (Hours)

0.8

0.6

0.4

0.2

0

Oct 25   Oct 29   Nov 01   Nov 05   Nov 09   Nov 13   Nov 17   Nov 21   Nov 25   Nov 29