Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID53191
Project Name	Project - Personal Expense Tracker
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	Login Page	IM-1	As a user I should be able to register to the app	2	High	Kanyalakshmi G, Arun N R, Dinesh B
Sprint-1	Login Page	IM-2	As a user I should be able to login to the app	2	High	Dinesh B, Harsha TR
Sprint-2	Timeline Page	IM-4	As a user I should be able to access my Timelines tab	3	High	Harsha TR, Kanyalakshmi G
Sprint-2	Timeline Page	IM-5	As a user I should be able to filter according to date	2	High	Dinesh B, Arun N R
Sprint-2	Timeline Page	IM-6	As a user I should be able to see my expenses graph	2	Medium	Harsha TR, Kanyalakshmi G, Dinesh B

Sprint-2	Timeline Page	IM-7	As a user I should be able to see my daily expenditure	5	High	Harsha TR, Arun N R
Sprint-2	Timeline Page	IM-8	As a user I should be able to fix the category of expense	5	High	Dinesh B, Arun N R
Sprint-3	Profile Page	IM-16	As a user I should be able to access my profile page	3	High	Harsha TR, Kanyalakshmi G, Arun N R
Sprint-3	Profile Page	IM-17	As a user I should be able to edit my details	2	Medium	Kanyalakshmi G, Arun N R
Sprint-3	Profile Page	IM-18	As a user I should be able to logout	3	High	Dinesh B, Harsha TR
Sprint-4	Budget Page + Deployment	IM-10	As a user, I can launch the application and add or manage the expenses and get notified for over spent.	3	High	Harsha TR, Kanyalakshmi G, Arun N R, Dinesh B
Sprint-4	Budget Page + Deployment	IM-11	As a user I should be able to access the budgets page	3	High	Harsha TR, Arun N R
Sprint-4	Budget Page + Deployment	IM-12	As a user I should be able to set my monthly budgets	3	High	Dinesh B, Arun N R

Sprint-4	Budget Page + Deployment	IM-13	As a user I should be able to monitor different category of expenses	3	High	Harsha TR, Kanyalakshmi G, Arun N R
Sprint-4	Budget Page + Deployment	IM-14	As a user I should be able to see the graphical representation of my expenses	3	High	Kanyalakshmi G, Arun N R
Sprint-4	Budget Page + Deployment	IM-19	As a user I should be able to use the app on the cloud platform	4	High	Dinesh B, Harsha TR
						Harsha TR, Kanyalakshmi G, Arun N R, Dinesh B

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	7	6 Days	24 Oct 2022	29 Oct 2022	7	- (Meet Planned Date)
Sprint-2	7	6 Days	31 Oct 2022	05 Nov 2022	7	- (Meet Planned Date)
Sprint-3	13	6 Days	07 Nov 2022	12 Nov 2022	13	- (Meet Planned Date)

Sprint-4	8	6 Days	14 Nov 2022	19 Nov 2022	8	- (Meet Planned Date)

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)

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

Average Velocity:

Average points per sprint = (7 + 7 + 13 + 8)/4 = 8.75 **Story**

points per day/Average Velocity = 8.75/6 = 1.46

Burndown Chart:

A burndown 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, burndown charts can be applied to any project containing measurable progress over time.

The burndown chart can only be generated once a sprint or two is completed. It currently doesn't generate a burndown chart. We will upload the same to the Jira Files directory as and when our burndown chart gets updated.