Project Planning Phase

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

Date	18 October 2022
Team ID	PNT2022TMID16565
Project Name	Project – Personal Expense Tracker
Maximum Marks	8 Marks

Project 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 Page	IM-1	As a user I should be able to register to the app	2	High	Balaji, hemanath
Sprint -1	Login Page	IM-2	As a user I should be able to login to the app	2	High	Balaji, hari haran
Sprint -1	Profile Page	IM-3	As a user I should be able to access my profile page	2	High	Hari haran, kiran
Sprint -1	Profile Page	IM-4	As a user I should be able to edit my details	2	Medium	Kiran, hemanath
Sprint -1	Profile Page	IM-5	As a user I should be able to logout	2	High	Balaji , hari haran
Sprint -2	Home Page	IM-6	As a user I should be able to add my expenses	3	Medium	Balaji, kiran
Sprint -2	Home Page	IM-7	As a user I should be able to see my daily expenditure	2	High	Hemanath, kiran
Sprint -2	Home Page	IM-8	As a user I should be able to edit or delete my expenses	2	High	Hemanath, hari haran
Sprint -2	Income Page	IM-9	As a user I should be able to add my income	2	Medium	Balaji, hemanath, kiran
Sprint -2	Income Page	IM-10	As a user I should be able to edit my income	2	Medium	Hari haran, kiran

Sprint							
Sprint -3	Expenses Page	IM-11	As a user I should be able to set my cycle size	3	High	Hemanath, hari haran ,kiran
Sprint -3	Expenses Page	IM-12	As a user I should be able to set my threshold limit	3	High	Hari haran, hemenath, kiran
Sprint -3	Expenses Page	IM-13	As a user I should be notified if for over spent	3	High	Balaji,kiran
Sprint -4	Deployment	IM-14	As a user I should be able to monitor different categories of expense	2	Medium	Balaji, hari haran
Sprint -4	Deployment	IM-15	As a user I should be able to use the app on the cloud platform	3	High	Balaji, kiran
Sprint -4	Deployment+ Home Page	IM-16	As a user I should be able to see the graphical representation of my expenses	3	High	Hari haran, kiran

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	10	6 Days	24 Oct 2022	29 Oct 2022	10	27 Oct 2022
Sprint-2	11	6 Days	30 Oct 2022	4 Nov 2022	11	2 Nov 2022
Sprint-3	9	6 Days	6 Nov 2022	12 Nov 2022	9	10 Nov 2022
Sprint-4	10	6 Days	12 Nov 2022	18 Nov 2022	8	16 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)

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

Average Velocity:

Average Points per sprint = (10+11+9+8)/4=9.5

Story points per day/average velocity = 9.5/6.5=1.461

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 all upload the same to the Jira Files directory as and when our burndown chart gets updated.