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

Date	18 October 2022
Team ID	PNT2022TMID04418
Project Name	PLASMA DONAR APPLICATION
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, name and confirming my password.	2	High	SANJEEVKUMAR R
Sprint-1	Account Activation	USN-2	As a user, I will receive confirmation email once I have registered for the application	1	High	SANJEEVKUMAR R
Sprint-1	Login	USN-3	As a user, I can log into the application by entering email & password	2	High	SANJEEVKUMAR R
Sprint- 2	Dashboard	USN-4	As a user, I can add expenses and income	2	High	SANJEEVKUMAR R
Sprint- 4	Dashboard	USN-5	As a user, I can change my password through reset link from email	1	Low	RICHAR JOYAL G
Sprint- 2	Dashboard	USN-6	As a user, I can view my past expenses and income over a period of time and visualize them	2	High	SANJEEVKUMAR R
Sprint- 4	Notification	USN-7	As a user, when my monthly limit exceeds, I get a email notification	1	Low	RICHAR JOYAL G
Sprint- 4	Dashboard	USN-8	As a user, I can set a monthly expense limit	1	Low	ROHIT M
Sprint- 3	Forget password	USN-9	As a user, I can get a reset password link if I forget it through mail	2	High	RICHAR JOYAL G
Sprint- 3	Forget password	USN-10	As a user, I can change my password if I forget it	2	High	PRANESH T

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	05 Nov 2022
Sprint-3	20	6 Days	07 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	14 Nov 2022	19 Nov 2022	20	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)

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

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.

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