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

Date	07 November 2022
Team ID	PNT2022TMID22090
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

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.	5	High	Roja.K
Sprint-1		USN-2	As a user, I will receive confirmation email once I have registered for the application	5	High	Keerthi.V
Sprint-1	Login	USN-3	As a user , I can log in using email and password	5	High	Maha Lakshmi.P
Sprint-1	Dashboard	USN-4	As a user , I am directed to dashboard after logging in	5	High	Roshini.P
Sprint-2	Charts	USN-5	Creating graphs and statistics of customer data	10	Medium	Keerthi.V, Roja.K
Sprint-2	Connecting to IBM DB2	USN-6	Connecting to the database	10	High	Roshini.P, Maha Lakshmi.P
Sprint-3	Watson Assistant	USN-7	Chat Bot for personal expense tracker	10	High	Keerthi.V
Sprint-3	SendGrid	USN-8	Creating SendGrid account for sending mail about their expense to customers.	5	High	Maha Lakshmi.P
Sprint-3		USN-9	Integrate Front end and Back End	5	High	Roshini.P , Roja.K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-4	Docker	USN-10	Creating image of website using docker	5	High	Roshini.P
Sprint-4	Cloud Registry	USN-11	Uploading docker image to IBM Cloud registry	5	High	Maha Lakshmi.P
Sprint-4	Kubernetes	USN-12	Container creation using the docker image and hosting the site	10	High	Roja.K, Keerthi.V

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 Oct 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)

$$AV = \text{Sprint duration} / 6 = 20/6 = 3.33$$