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

Date	28 October 2022
Team ID	PNT2022TMID46374
Project Name	Project – Personal Expense Tracker Application
Maximum Marks	8 Marks

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

Use the below template to create product backlog and sprint schedule

Sprints	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team members
Sprint-1	User Panel	USN-1	The user can register and login into the website, add expenses and see the progress of their expenses.	20	High	MONIKA T SINDHUJA M.K FALILA BANU H MOUNIKA R
Sprint-2	Admin panel	USN-2	The role of the admin is to check about the progress of customers to provide any rewards if savings is increased.	20	High	MONIKA T SINDHUJA M.K FALILA BANU H MOUNIKA R
Sprint-3	Chat Bot	USN-3	The user can directly talk to chatbot regarding the products. Get the suggestions based on information provided by the user.	20	High	MONIKA T SINDHUJA M.K FALILA BANU H MOUNIKA R
Sprint-4	Final delivery	USN-4	Container of applications using docker Kubernetes and deployment of application. Create the documentation and final submit of the application	20	High	MONIKA T SINDHUJA M.K FALILA BANU H MOUNIKA R

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:

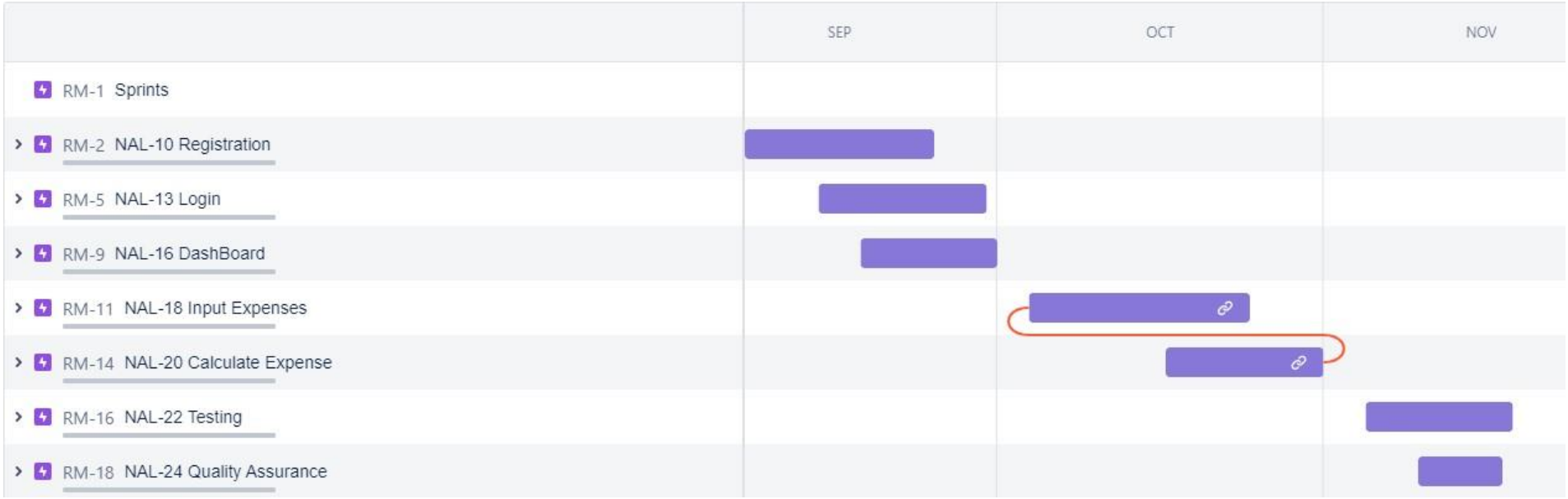
Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity}$$

Sprint	Average Velocity
Sprint-1	6.5
Sprint-2	8
Sprint-3	8.2
Sprint-4	8

Total Average Velocity=7.5

Roadmap:


SEP
OCT
NOV
RM-1 Sprints
RM-2 NAL-10 Registration
RM-5 NAL-13 Login
RM-9 NAL-16 DashBoard
RM-11 NAL-18 Input Expenses
RM-14 NAL-20 Calculate Expense
RM-16 NAL-22 Testing
RM-18 NAL-24 Quality Assurance

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.