Project Planning Phase
Sprint Delivery Plan

Date	18 OCTOBER 2022
Team ID	PNT2022TMID33480
Project Name	Project – Personal Expense Tracker Application
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	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	3	High	Chandru
		USN-2	As a user, I can register for the application through the Gmail.	3	High	Devaprasath
	Confirmation	USN-3	As a user, I will receive confirmation email once I have registered for the application.	4	High	Gokulprasath
	Login	USN-4	As a user, I can log into the application by entering email & password.	3	High	Deepan
	Connecting to IBM DB2	USN-3	Linking database to store and verify login credentials of users.	3	High	Deepan
	Dashboard	USN-5	Logging in takes to the dashboard. Dashboard is used to access all the services provided to the user.	`4	High	Chandru
	Workspace	USN-1	Workspace for personal expense tracking.	6	High	Devaprasath
	Charts	USN-2	Creating various graphs and statistics of customer's data,	4	Medium	Deepan

Sprint 2	Connecting to IBM DB2	USN-3	Linking database with dashboard.	5	High	Deepan
		USN-4	Making dashboard interactive with JS.	5	High	Deepan
Sprint-3		USN-1	Wrapping up the server side works of frontend.	5	Medium	Chandru
	Watson Assistant	USN-2	Creating Chatbot for expense tracking and for clarifying user's query.	4	Medium	Chandru
	SendGrid	USN-3	Using SendGrid to send mail to the user about their expenses.	5	High	Chandru
		USN-4	Integrating both frontend and backend.	6	High	Deepan
Sprint-4	Docker	USN-1	Creating image of website using docker.	5	High	Deepan
	Cloud Registry	USN-2	Uploading docker image to IBM Cloud registry.	5	High	Chandru
	Kubernetes	USN-3	Create container using the docker image and hosting the site.	5	High	Chandru
	Exposing	USN-4	Exposing IP/Ports for the site.	5	High	Devaprasath

Project Tracker, Velocity & Burndown Chart: (4 Marks)
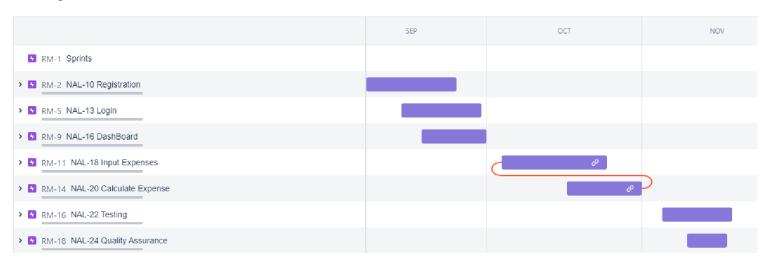
Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	20	6 Days	26 Oct 2022	29 Oct 2022	20	29 Oct 2022
Sprint-2	20	6 Days	02 Nov 2022	05 Nov 2022	20	05 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	12 Nov 2022	20	12 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	19 Nov 2022	20	19 Nov 2022

Velocity

We have a 6-day sprint duration, and the velocity of the team is 20 (points per sprint). Calculating the team's average velocity (AV).

AV = **Sprint Duration/Velocity = 20/6= 3.33**

Roadmap

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.

Burndown Chart