

Project Planning Phase
Sprint Delivery Plan

Date	12 Nov 2022
Team ID	PNT2022TMID21350
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	Deepthi
		USN-2	As a user, I can register for the application through the Gmail.	3	High	Kanmani
	Confirmation	USN-3	As a user, I will receive confirmation email once I have registered for the application.	4	High	Deepthi
	Login	USN-4	As a user, I can log into the application by entering email & password.	3	High	Swetha
	Connecting to IBM DB2	USN-3	Linking database to store and verify login credentials of users.	3	High	Ajai Saikumar
	Dashboard	USN-5	Logging in takes to the dashboard. Dashboard is used to access all the services provided to the user.	4	High	Ajai saikumar
	Workspace	USN-1	Workspace for personal expense tracking.	6	High	Imran Khan
	Charts	USN-2	Creating various graphs and statistics of customer's data,	4	Medium	Kanmani

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

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	1 Nov 2022
Sprint-2	20	6 Days	02 Nov 2022	05 Nov 2022	20	12 Nov 2022
Sprint-3	20	6 Days	09 Nov 2022	12 Nov 2022	20	14 Nov 2022
Sprint-4	20	6 Days	16 Nov 2022	19 Nov 2022	20	19 Nov 2022

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).

Velocity:

$$AV = \text{Sprint Duration} / \text{Velocity} = 20 / 6 = 3.3$$

