

**Project Planning Phase**  
**Project Planning (Product Backlog, Sprint Planning, Stories, Story points)**  
**Milestone & Activity List**

Date	9 november 2022
Team ID	PNT2022TMID26452
Project Name	Personal Expenses 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 , new password and confirming the same password.	2	High	Suriya
		USN -2	As a user , I will receive confirmation email once I have registered for the application.	1	Low	Thamizh chelvan
	Login	USN -3	As a user , I can log into the application by entering email and password / Google OAuth.	2	High	Saran
	Dashboard	USN -4	Logging in takes the user to their dashboard.	1	Low	Ruhit krishnan
Sprint - 2		USN -5	As a user ,I will update my salary at the start of each month.	1	Medium	suriya
		USN -6	As a user , I will set a target/limit to keep track of my expenditure.	1	Medium	Ruhit krishnan
	Workspace	USN -7	Workplace for personal expense tracking	1	Medium	suriya
	Charts	USN -8	Graphs to show weekly and everyday expenditure	2	High	Saran
		USN -9	As a user , I can export raw data as csv file.	1	Medium	Thamizhchelvan saran

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Sprint - 3	IBM DB2	USN -10	Linking database with dashboard	2	High	Suriya
		USN -11	Making dashboard interactive with JS	2	High	thamizhchelvan
	Watson Assistant	USN -12	Embedding Chatbot to clarify user's queries.	1	Low	Saran Thamizhchelvan
	BCrypt	USN -13	Using BCrypt to store passwords securely.	1	Medium	ruhit
	SendGrid	USN -14	Using SendGrid to send mail to the user. (To alert or remind)	1	Medium	Suriya
Sprint - 4	Integration	USN -15	Integrating frontend and backend.	2	High	thamizhchelvan
	Docker	USN -16	Creating Docker image of web app.	2	High	Saran Thamizhchelvan
	Cloud Registry	USN -17	Uploading docker image to IBM cloud registry.	2	High	Saran ruhit
	Kubernetes	USN -18	Creating container using docker and hosting the webapp.	2	High	Suriya
	Exposing Deployment	USN -19	Exposing IP/Ports for the site.	1	Medium	Ruhit suriya

## **PHASE 1:**

- Register for the application by entering email , new password and confirming the same password
- Receive confirmation email once I have registered for the application.
- Log into the application by entering email and password / Google Auth

## **PHASE 2:**

- Update the salary at the start of each month.
- Set a target/limit to keep track of expenditure
- Track the expense
- Graphs to show weekly and everyday expenditure

## **PHASE 3:**

- Linking database with dashboard
- Chatbot linking to clear user queries
- Secure the passwords
- Reminder alerts to user

## **PHASE 4:**

- Integration
- Use Docker and IBM cloud to host the web app