

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

Date	22 October 2022
Team ID	PNT2022TMID39193
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	Sarumathi V Suvithra S
		USN -2	As a user , I will receive a confirmation email once I have registered for the application.	1	Low	Swetha K Sarumathi V
	Login	USN -3	As a user , I can log into the application by entering email and password / Google OAuth.	2	High	Sarumathi V Suvithra S
	Dashboard	USN -4	Logging in takes the user to their dashboard.	1	Low	Swetha K Sarumathi V

Sprint - 2		USN -5	As a user ,I will update my salary at the start of each month.	1	Medium	Suvithra S
		USN -6	As a user , I will set a target/limit to keep track of my expenditure.	1	Medium	Swetha K
	Workspace	USN -7	Workplace for personal expense tracking	1	Medium	Sarumathi V
	Charts	USN -8	Graphs to show weekly and everyday expenditure	2	High	Suvithra S
		USN -9	As a user , I can export raw data as a csv file.	1	Medium	Swetha K

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint - 3	IBM DB2	USN -10	Linking database with dashboard	2	High	Sarumathi V
		USN -11	Making dashboard interactive with JS	2	High	Suvithra S
	Watson Assistant	USN -12	Embedding Chatbot to clarify user's queries.	1	Low	Sarumathi V
	BCrypt	USN -13	Using BCrypt to store passwords securely.	1	Medium	Suvithra S
	SendGrid	USN -14	Using SendGrid to send mail to the user. (To alert or remind)	1	Medium	Swetha K
Sprint - 4	Integration	USN -15	Integrating Frontend and backend.	2	High	Sarumathi V
	Docker	USN -16	Creating Docker image of web app.	2	High	Swetha K

	Cloud Registry	USN -17	Uploading docker image to IBM cloud registry.	2	High	Suvithra S
	Kubernetes	USN -18	Creating a container using docker and hosting the web app.	2	High	Swetha K
	Exposing Deployment	USN -19	Exposing IP/Ports for the site.	1	Medium	Sarumathi V

### 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