

Project Planning Phase

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

| | |
|---------------|---------------------------------|
| Date | 18 October 2022 |
| Team ID | PNT2022TMID14560 |
| Project Name | Personal Expense Tracker |
| 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. | 7 | High | Serjeel, Gokul Raam |
| Sprint-1 | | USN-2 | As a user, I will receive confirmation email once I have registered for the application | 3 | High | Ashok, Gokul |
| Sprint-1 | | USN-3 | As a user, I can register for the application through Gmail | 7 | Medium | Ashok, Gokul |

| Sprint | Functional Requirement (Epic) | User Story Number | User Story / Task | Story Points | Priority | Team Members |
|---------------|--------------------------------------|--------------------------|--|---------------------|-----------------|---------------------|
| Sprint-1 | Login | USN-4 | As a user, I can log into the application by entering email & password | 3 | Medium | Serjeel, Gokul Raam |
| Sprint-2 | Dashboard | USN-5 | As a user, I can enter my income and expenses. | 13 | High | Serjeel |
| Sprint-2 | | USN-6 | As a user, I can enter a limit to set for the expenses | 7 | Medium | Gokul |
| Sprint-3 | Wallet | USN-7 | As a user, I can add money in my wallet | 7 | Medium | Ashok |
| Sprint-3 | Using Sendgrid | USN-8 | As a user, I will get an alert mail when my monthly limit exceeds. | 13 | High | Gokul Raam |
| Sprint-4 | Report Generation | USN-9 | As a user, I can get my monthly report in a spreadsheet format. | 7 | Medium | Ashok |
| Sprint-4 | Graph Charts | USN-10 | As a user, I can get periodical report in Graph format using the data. | 10 | Low | Gokul Raam, Gokul |
| Sprint-4 | Deployment | USN-11 | As a user, I can access my data from anywhere. Deploying the application in cloud. | 3 | High | Serjeel |

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:

Here we have a sprint of duration 6 days, and the velocity of the team is 20(Total Story Points per Sprint)

$$AV = 20/6 = 3.33$$

JIRA – SPRINT PLAN:

Projects / Personal Expense Tracker

Backlog

G

Epic ▾

Insights

▼ SPRINT - 1 24 Oct – 29 Oct (4 issues)

0 0 0 Start sprint ▾

Registration and Login of the User Account Module

PET-39 User Registration

TO DO ▾

PET-40 Verification

TO DO ▾

PET-41 User Registration through Gmail

TO DO ▾

PET-42 User Login

TO DO ▾

+ Create issue

▼ SPRINT - 2 31 Oct – 5 Nov (2 issues)

0 0 0 Start sprint ▾

Dashboard Module - To enter the users' income and expense. To set the monthly limit.

PET-30 Input Expense and Income

TO DO ▾

G

PET-31 Set limit for the Expense

TO DO ▾

+ Create issue

▼ SPRINT - 3 7 Nov – 12 Nov (2 issues)

0 0 0

Start sprint



Wallet - To add money in the wallet. Email Alert - Using Sendgrid, send email alerts if the limit exceeds.

PET-37 Wallet

TO DO ▼



PET-38 Email Alert

TO DO ▼



+ Create issue

▼ SPRINT - 4 14 Nov – 19 Nov (3 issues)

0 0 0

Start sprint



Generation of Report Module and Deploying the application.

PET-34 Report Generation

TO DO ▼



PET-35 Graph Charts

TO DO ▼



PET-36 Deployment

TO DO ▼



+ Create issue

Burndown Chart:

