**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 30 October 2022 |
| Team ID | PNT2022TMID07222 |
| Project Name | Personal Expense Tracker Application |
| Maximum Marks | 8 Marks |

**Product Backlog, Sprint Schedule, and Estimation (4 Marks)**

Use the below template to create product backlog and sprint schedule

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| Sprint-1 | Registration Page | USN-1 | As a user, I can register for the application by entering my email, password, and confirming my password. | 8 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-1 | Login Page | USN-2 | As a user, I can log into the application by entering email & password | 8 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-1 | Add Transactions | USN-3 | As a user, I can add the day to day expense to the application | 8 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-2 | Delete the expesnse | USN-4 | As a user, I can delete the previously created expenses | 8 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-2 | Passbook | USN-5 | As a user, I can see the time-based history of  expenses. | 4 | High | Narayan Kumar |
| Sprint-3 | Adding the Profile Page | USN-6 | As a user, I can see the see and edit the name, email, Income and Edit the Limit | 4 | Medium | Narayan Kumar,  Shai Prashanth |
| Sprint-3 | Creating Pie Charts based on the expense | USN-7 | As a user, I can view diagrammatic representation of expenses | 6 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-3 | Dashboard | USN-8 | As a user,I can see the Pie Chart, Add transactions Button and Last Few Transactions | 10 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-4 | Sending E-mail | USN-9 | Sending a Email to user when the expense limit reaches it | 4 | High | Narayan Kumar |
| Sprint-4 | Testing | USN-10 | Testing the application with various tools | 8 | High | Narayan Kumar,  Shai Prashanth |
| Sprint-4 | Deployment | USN-11 | Deployment of the Application | 8 | High | Narayan Kumar,  Shai Prashanth |

**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 |

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let’s calculate the team’s average velocity (AV) per iteration unit (story points per day)

