**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 15 February 2025 |
| Team ID | SWTID1743947156 |
| Project Name | FullStack-Expense-Tracker |
| Maximum Marks | 5 |

**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 | USN-1 | As a user, I can register by entering email, password, and confirming password | 2 | High |  |
| Sprint-1 | Authentication | USN-2 | As a user, I will receive confirmation email after registering | 1 | High |  |
| Sprint-2 | Authentication | USN-3 | As a user, I can log in using my email and password | 2 | Low |  |
| Sprint-1 | |  | | --- | | Dashboard |  |  | | --- | |  | | USN-4 | As a user, I can view a summary of expenses by category and total | 2 | Medium |  |
| Sprint-1 | Login | USN-5 | As a user, I can log into the application by entering email & password | 1 | High |  |
| Sprint-2 | Expense Input | USN-6 | As a user, I can add new expenses with amount, description, and category | 3 | High |  |
| Sprint-2 | Expense Management | USN-7 | As a user, I can edit or delete my previous expense entries | 3 | High |  |
| Sprint-2 | Analytics | USN-8 | As a user, I can see charts or graphs showing expense trends | 4 | Medium |  |
| Sprint-2 | Backend Integration | USN-9 | API endpoints for CRUD operations on expenses | 4 | |  | | --- | | High |  |  | | --- | |  | |  |
| Sprint-2 | Deployment | USN-10 | Deploy frontend and backend with working connectivity (e.g., via Vercel/Render) | 3 | |  | | --- | | Medium |  |  | | --- | |  | |  |

**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 | 1 April 2025 | 7 April 2025 | 8 | 8 April 2025 |
| Sprint-2 | 20 | 7 Days | 8 April 2025 | 15 April 2025 | 17 | 15 April 2025 |

**Velocity:**

(story points per day)



**Total Story Points:** 8 + 17 = 25  
**No. of Sprints:** 2  
**Velocity = Total Story Points / No. of Sprints = 25 / 2 = 12.5 story points/sprint**