**Project Planning Phase**

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

| Date | 15 February 2025 |
| --- | --- |
| Team ID | SWTID1741163012154617 |
| Project Name | Recipe Book |
| Maximum Marks | 5 Marks |
| Team leader  Team member | VAISHNAV K   1. BHARATH V 2. KARTHICK A 3. SADHASIVAM A 4. SIVANINTHA PERUMAL M |

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

**Project Tracker, Velocity & Burndown Chart**

| **Sprint** | **Functional Requirement (Epic)** | **User Story Number** | **User Story / Task** | **Story Points** | **Priority** | **Team Members** |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint-1** | **UI Setup** | **USN-1** | **Set up React.js project structure with necessary dependencies** | **7** | **High** | **Sivanintha perumal** |
| **Sprint-1** | **Home Page & Navigation** | **USN-2** | **Create a homepage displaying recipe categories & trending recipes** | **7** | **High** | **Bharath** |
| **Sprint-1** | **API Integration** | **USN-3** | **Fetch and display recipe data from API** | **6** | **High** | **Bharath** |
| **Sprint-2** | **Recipe Listing** | **USN-4** | **Dynamically list recipes with images and details** | **7** | **High** | **Sadhasivam** |
| **Sprint-2** | **Recipe Details Page** | **USN-5** | **Create a detailed page showing ingredients, instructions, and cooking time** | **7** | **High** | **Karthick** |
| **Sprint-2** | **Filtering Feature** | **USN-6** | **Enable filtering of recipes based on category, ingredients, and time** | **6** | **High** | **Sivanintha perumal** |
| **Sprint-3** | **UI Enhancement** | **USN-7** | **Improve UI/UX with better styling and animations** | **10** | **Medium** | **Sivanintha perumal** |
| **Sprint-3** | **Error Handling** | **USN-8** | **Implement error handling for failed API requests** | **10** | **Medium** | **Karthick** |
| **Sprint-4** | **Search Feature** | **USN-9** | **Allow users to search for recipes by name** | **10** | **High** | **Sadhasivam** |
| **Sprint-4** | **Responsive Design** | **USN-10** | **Ensure responsiveness for mobile & tablet views** | **10** | **Medium** | **Bharath** |

Project Tracker, Velocity & Burndown Chart

| **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 Mar 2025** | **2 Mar 2025** | **20** | **2 Mar 2025** |
| **Sprint-2** | **20** | **6 Days** | **3 Mar 2025** | **4 Mar 2025** | **20** | **4 Mar 2025** |
| **Sprint-3** | **20** | **6 Days** | **5 Mar 2025** | **6 Mar 2025** | **20** | **6 Mar 2025** |
| **Sprint-4** | **20** | **6 Days** | **7 Mar 2025** | **8 Apr 2025** | **20** | **8 Apr 2025** |