**Project Planning Phase**

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

|  |  |
| --- | --- |
| Date | 26-05-2025 |
| Team ID | PNT2025TMID09488 |
| Project Name | Groceries Site Using MERN Stack |
| Marks | 5 Marks |

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

**Product Backlog & Sprint Schedule**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Functional Requirement(Epic)** | **User Story Number** | **User Story/Task** | **Story Points** | **Priority** | **Team Members** |
| **Sprint-1** | User Authentication | **USN-1** | As a user, I can sign up and log in securely. | **3** | **High** | **Ritesh Behera, Akshay Mali** |
|  |  | **USN-2** | As a user, I can reset my password via email. | **2** | **Medium** | **Sayali Ganoje,Vaishnavi Devale** |
| **Sprint-2** | Product Browsing | **USN-3** | As a user, I can browse available grocery items with filters (e.g., category). | **3** | **High** | **Akshay Mali, Sayali Ganoje** |
|  |  | **USN-4** | As a user, I can search for grocery items using keywords. | **2** | **High** | **Ritesh Behera, Vaishnavi Devale** |
| **Sprint-3** | Cart & Order Management | **USN-5** | As a user, I can add items to my cart and update quantities. | **3** | **High** | **Sayali Ganoje,Ritesh Behera** |
|  |  | **USN-6** | As a user, I can place an order and choose payment options (COD/online). | **3** | **High** | **Vaishnavi Devale,Akshay Mali** |
|  |  | **USN-7** | As an admin, I can manage incoming orders and update order status. | **2** | **Medium** | **Akshay Mali,Ritesh Behera** |
| **Sprint-4** | Admin Panel & Review System | **USN-8** | As an admin, I can add, update, or delete grocery products. | **3** | **High** | **Vaishnavi Devale,Sayali Ganoje** |
|  |  | **USN-9** | As a user, I can leave a review for a product after purchase. | **2** | **Medium** | **Ritesh Behera,Akshay Mali,Vaishnavi Devale,Sayali,Ganoje** |
|  |  | **USN-10** | As a user, I can view my order history and track orders. | **2** | **Medium** | **Akshay Mali,Ritesh Behera,Sayali Ganoje,Vaishnavi Devale** |

**Project Tracker, Velocity & Burndown Chart**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date(Planned)** | Story Points Completed (on Planned End Date) | Sprint Release Date (Actual) |
| **Sprint-1** | **20** | **6-Days** | **1 May 2025** | **2 June 2025** | **20** | **2 June 2025** |
| **Sprint-2** | **20** | **6-Days** | **3 May 2025** | **4 June 2025** | **20** | **4 June 2025** |
| **Sprint-3** | **20** | **6-Days** | **5 May 2025** | **6 June 2025** | **20** | **6 June 2025** |
| **Sprint-4** | **20** | **6-Days** | **7 May 2025** | **8 June 2025** | **20** | **8 June 2025** |