**Project Planning Phase**

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

| **Team ID** | **LTVIP2025TMID20429** |
| --- | --- |
| **Project Name** | ShopEZ: One Stop Shop For Online Purchases |
| **Date** | 19 July 2025 |
| **Maximum Marks** | 5 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 | Data Collection | USN-1 | Collection of Data | 2 | High |  |
| Sprint-1 | Data Collection | USN-2 | Loading Data | 1 | Medium |  |
| Sprint-1 | Data Preprocessing | USN-3 | Handling Missing Values | 3 | High |  |
| Sprint-1 | Data Preprocessing | USN-4 | Handling Categorical Values | 2 | Medium |  |
| Sprint-2 | Model Building | USN-5 | Model Building | 5 | High |  |
| Sprint-2 | Model Building | USN-6 | Testing Model | 3 | Medium |  |
| Sprint-2 | Deployment | USN-7 | Working HTML Pages | 3 | High |  |
| Sprint-2 | Deployment | USN-8 | Flask Deployment | 5 | High |  |

**Project Tracker, Velocity & Burndown Chart (4 Marks)**

| **Sprint** | **Total Story Points** | **Duration** | **Sprint Start Date** | **Sprint End Date (Planned)** | **Story Points Completed** |
| --- | --- | --- | --- | --- | --- |
| Sprint-1 | 8 | 5 Days | 01 Aug 2025 | 05 Aug 2025 | 8 |
| Sprint-2 | 16 | 5 Days | 06 Aug 2025 | 10 Aug 2025 | 16 |

**Velocity Calculation:**

**Velocity = Total Story Points Completed / Number of Sprints**

* Total Story Points = 8 + 16 = **24**
* Number of Sprints = 2
* **Velocity = 24 / 2 = 12 Story Points per Sprint**