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**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

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

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
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	

<b>Sprint</b>	<b>Functional Requirement (Epic)</b>	<b>User Story Number</b>	<b>User Story / Task</b>	<b>Story Points</b>	<b>Priority</b>	<b>Team Members</b>
Sprint-2	Deployment	USN-8	Flask Deployment	5	High	

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

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

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#### **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**