

## Project Planning Phase

Date	12 February 2026
Team ID	LTVIP2026TMIDS79872
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution.
Maximum Marks	5 Marks

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

Sprint	Epic	USN	User Story / Task	Story Points	Priority
Sprint-1	Registration	USN-1	As a user, I can register and login to access my profile.	3	High
Sprint-1	Discovery	USN-2	As a user, I can browse the food catalog and filter by categories.	5	High
Sprint-1	Admin	USN-3	As an admin, I can access the dashboard to manage users and restaurants.	8	Medium
Sprint-2	Dashboard	USN-4	As a user, I can add products to my cart and view price details.	5	High
Sprint-2	Checkout	USN-5	As a user, I can provide my address and payment method to complete an order.	3	High
Sprint-2	Management	USN-6	As a restaurant owner, I can add and edit food items via the dashboard.	8	Medium

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

Sprint	Total Story Points	Duration	Start Date	End Date	Points Completed
Sprint-1	16	10 Days	18 Feb 2026	27 Feb 2026	16
Sprint-2	16	10 Days	02 Mar 2026	11 Mar 2026	16

### **Velocity Calculations:**

- **Total Story Points:  $16 + 16 = 32$ .**
- **Number of Sprints: 2.**
- **Velocity:  $32/2 = 16$  Story Points per Sprint.**
- **Average Velocity (AV) per day:  $16/10 = 1.6$  points per day.**

### **Technical Logic & Burndown**

**Architecture: MERN Stack (MongoDB, Express, React, Node).**

**Database: MongoDB Cloud with Mongoose schemas for User, Product, and Orders.**

### **Burndown Data (Sprint 1):**

- **Day 0: 16 pts remaining.**
- **Day 5: 8 pts remaining (Authentication & Discovery core complete).**
- **Day 10: 0 pts remaining (Sprint 1 Review).**

<https://www.visual-paradigm.com/scrum/scrum-burndown-chart/>

<https://www.atlassian.com/agile/tutorials/burndown-charts>

Reference:

<https://www.atlassian.com/agile/project-management>

<https://www.atlassian.com/agile/tutorials/how-to-do-scrum-with-jira-software>

<https://www.atlassian.com/agile/tutorials/epics>

<https://www.atlassian.com/agile/tutorials/sprints>

<https://www.atlassian.com/agile/project-management/estimation>

<https://www.atlassian.com/agile/tutorials/burndown-charts>