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

Date	20 February 2026
Team ID	TVIP2026TMIDS41611
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	5 Marks

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

Use the below template to create product backlog and sprint schedule

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration & Authentication	USN-1	As a user, I can register with email, password, and confirm password.	2	High	Eswar& Gowthami
Sprint-1	Registration & Authentication	USN-2	As a user, I receive email verification after registration.	3	High	Eswar& Gowthami
Sprint-1	Registration & Authentication	USN-3	As a user, I receive phone OTP verification for account security.	3	High	Eswar& Gowthami
Sprint-1	Login & Access Control	USN-4	As a user, I can log in using email and password.	1	Medium	Eswar& Gowthami
Sprint-1	Login & Access Control	USN-5	As the system, I enforce role-based access (USER/RESTAURANT/STAFF/ADMIN).	5	High	Eswar& Gowthami
Sprint-1	Profile Management	USN-6	As a user, I can update profile details and upload profile image.	3	High	Navitha& Bindhu
Sprint-1	Account Recovery	USN-7	As a user, I can reset forgotten password via email flow.	3	High	Gowthami
Sprint-1	Restaurant Onboarding	USN-8	As a restaurant owner, I can register restaurant and submit for admin approval.	5	High	Navitha& Bindhu
Sprint-1	Restaurant Management	USN-9	As a restaurant owner, I can update restaurant profile details.	3	High	Navitha& Bindhu
Sprint-1	Food/Menu Management	USN-10	As a restaurant owner, I can create/update/delete food items.	3	Medium	Navitha& Bindhu

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Food Availability	USN-11	As a restaurant owner, I can toggle food availability for ordering.	1	Medium	Navitha& Bindhu
Sprint-1	Cart Management	USN-12	As a user, I can add/view/remove items in cart.	3	Medium	Eswar& Gowthami
Sprint-1	Checkout	USN-13	As a user, I can place an order from cart with delivery details.	5	High	Eswar& Gowthami
Sprint-2	Order Lifecycle	USN-14	As restaurant/staff, I can update order status through fulfillment stages.	3	High	Navitha& Bindhu
Sprint-2	Staff Management	USN-15	As an owner, I can invite staff with secure token and onboard them.	5	High	Eswar& Gowthami
Sprint-2	Staff Workflow	USN-16	As staff, I can request status changes subject to owner approval.	3	High	Eswar& Gowthami
Sprint-2	Payments	USN-17	As a user, I can initiate Razorpay payment during checkout.	3	High	Eswar& Gowthami
Sprint-2	Payments	USN-18	As the system, I verify payment signature and sync order/payment status.	3	High	Eswar& Gowthami
Sprint-2	Order Tracking	USN-19	As a user, I can view my order history and current order status.	5	High	Eswar& Gowthami
Sprint-2	Subscription Model	USN-20	As a restaurant owner, I can subscribe/cancel plans (FREE/BASIC/PREMIUM).	3	Medium	Eswar
Sprint-2	Subscription Enforcement	USN-21	As the system, I enforce plan limits for menu and staff features.	3	Medium	Eswar& Gowthami
Sprint-2	Reviews	USN-22	As a user, I can create/update/delete food reviews and ratings.	3	High	Navitha& Bindhu
Sprint-2	Admin Analytics	USN-23	As admin, I can view revenue, order distribution, and performance KPIs.	5	High	Gowthami
Sprint-2	Admin Operations	USN-24	As admin, I can manage users, restaurants, foods, and orders.	3	High	Eswar& Gowthami
Sprint-2	Notifications	USN-25	As the system, I can send email/SMS notifications (SendGrid/Twilio).	2	Low	Gowthami

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

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	40	10 Days	1 FEB 2026	29 Oct 2022	40	10 FEB 2026
Sprint-2	37	10 Days	10 FEB 2026	05 Nov 2022	37	20 FEB 2026

Velocity

- Total completed points = 40+37= 77

- Number of sprints = 2

- Team velocity = 77 / 2 = 38.5 story points per sprint
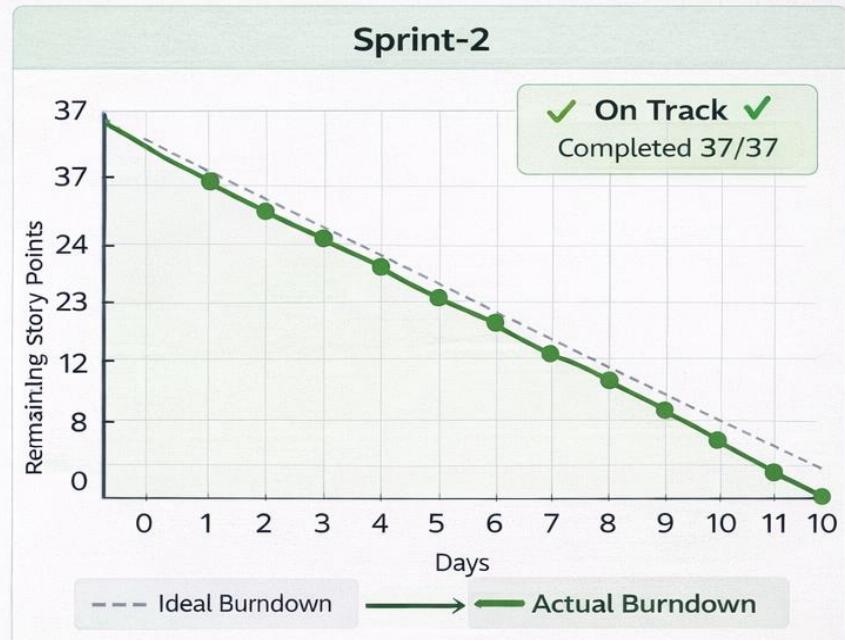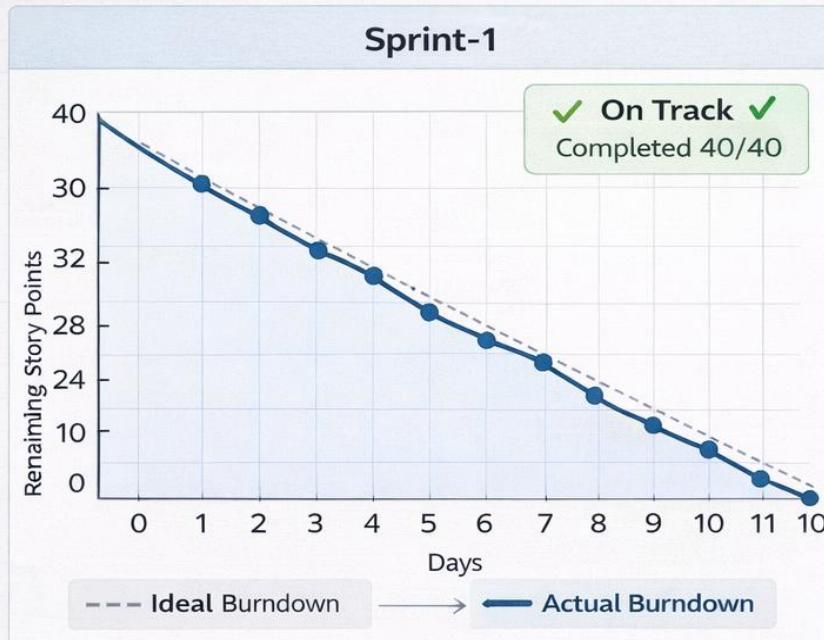
Average Velocity per Day

- Sprint duration = 10 days

- AV per day = 38.5 / 10 = 3.85 story points/day

- If target velocity is fixed at 40, then AV/day = 40 / 10 = 4 story points/day

Burndown Chart:

A burn down chart is a graphical representation of work left to do versus time. It is often used in agile software development methodologies such as Scrum. However, burn down charts can be applied to any project containing measurable progress over time.

OrderOnTheGo — Sprint Burndown Chart (Sprint-1 & Sprint-2)

Sprint-1

✓ **On Track** ✓
Completed 40/40

Remaining Story Points

Y-axis: 40, 30, 32, 28, 24, 10, 0
X-axis (Days): 0 1 2 3 4 5 6 7 8 9 10 11 10

- - - Ideal Burndown ⟶ Actual Burndown

Sprint-2

✓ **On Track** ✓
Completed 37/37

Remaining Story Points

Y-axis: 37, 37, 37, 24, 23, 12, 8, 0
X-axis (Days): 0 1 2 3 4 5 6 7 8 9 10 11 10

- - - Ideal Burndown ⟶ Actual Burndown

Sprint-1 (1 FEB 2026 — 10 FEB 2026)

Total Story Points: 40	Duration: 10 Days
Story Points Completed: 40	Status: Completed on schedule

Sprint-2 (10 FEB 2026 — 20 FEB 2026)

Total Story Points: 37	Duration: 10 Days
Story Points Completed: 37	Status: Completed on schedule

📈 **Team Velocity:** 38.5 story points/sprint
🕐 **Average Daily Velocity:** 3.85 story points/day
👥 **Team:** Eswar; Gowthami, Navitha, Bindhu

✓ Both sprints completed on schedule. Team velocity is healthy at 38.5 story points per sprint with consistent daily progress of =3.85 story points/day.