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

Date	7 April 2025
Team ID	SWTID1742575574
Project Name	Grocery webapp
Maximum Marks	5 Marks

Product Backlog, Sprint Schedule, and Estimation

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members
Sprint-1	Registration & Login	USN-1	As a user, I can register using email and password	2	High	Neelam
Sprint-1		USN-2	As a user, I will receive a confirmation email after registering	1	Medium	Neelam
Sprint-1		USN-3	As a user, I can log in using email and password	1	High	Neelam

Sprint-1	Homepage & Search	USN-4	As a user, I can browse grocery categories and view listed items	2	High	Riya
Sprint-1		USN-5	As a user, I can search products by name	2	High	Riya
Sprint-2	Cart & Checkout	USN-6	As a user, I can add items to my cart	2	High	Riya
Sprint-2		USN-7	As a user, I can view and update my cart items	2	High	Riya
Sprint-2		USN-8	As a user, I can checkout and place orders	3	High	Neelam, Somya
Sprint-3	Seller Dashboard	USN-9	As a seller, I can login and add/update products	3	High	Somya
Sprint-3		USN-10	As a seller, I can manage stock and view orders	3	Medium	Somya
Sprint-3	Admin Panel	USN-11	As an admin, I can manage users and sellers	2	Medium	Deorshi
Sprint-4	Payments & Enhancements	USN-12	As a user, I can securely pay using Razorpay or Stripe	4	High	Somya

Sprint- 4		USN-13	As a user, I can chat with a support bot	2	Low	Deorshi
Sprint- 4		USN-14	As a user, I can track delivery status	2	Medium	Riya

Project Tracker, Velocity & Burndown Chart:

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed
Sprint-1	8	5 Days	22 March 2025	26 March 2025	8
Sprint-2	7	6 Days	27 March 2025	1 April 2025	7
Sprint-3	8	6 Days	3 April 2025	9 April 2025	8
Sprint-4	8	3 Days	9 April 2025	12 April 2025	8

- Sprint Duration: 22 March 2025 to 12 April 2025 = 22 days total

- Total Story Points Completed: 31

- Velocity: Total Story Points / Number of Sprints = 31 / 4 = 7.75

$$AV = \frac{sprint\ duration}{velocity}$$

AV = 22 / 7.75 = 2.84