

## Project Planning Phase

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

|               |                 |
|---------------|-----------------|
| Date          | 10-4-2025       |
| Team ID       | SWTID1743605259 |
| Project Name  | ShopEZ          |
| Maximum Marks | 5 marks         |

### Product Backlog & Sprint Schedule

| 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 |
|----------|---|--------|--------------|---------------|---|

## Summary Metrics

- **Sprint Duration:** 22 March 2025 – 12 April 2025 (22 days total)
- **Total Story Points Completed:** 31
- **Velocity:**  
Total Story Points / Number of Sprints =  $31 / 4 = 7.75$
- **Average Velocity (AV):**  
Total Days / Velocity =  $22 / 7.75 \approx 2.84$  days per story point