Project Planning Phase

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

Date	19 June 2025
Team ID	LTVIP2025TMID48994
Project Name	ShopSmart: Your Digital Grocery Store Experience

Product Backlog, Sprint Schedule, and Estimation:

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
1	Registration	USN-1	As a user, I can register for the application by entering my email, password, and confirming password.	2	High	Patnam Harika
1	Registration	USN-2	As a user, I will receive a confirmation email once I have registered.	1	High	Patnam Harika
1	Registration (Social Media)	USN-4	As a user, I can register for the application through Gmail.	2	Medium	Patnam Harika
1	Login	USN-5	As a user, I can log in by entering email & password.	1	High	Patnam Harika
2	Registration (Social Media)	USN-3	As a user, I can register through Facebook.	2	Low	Patnam Harika
2	Product Browsing	USN-6	As a user, I can search and filter products by category.	3	High	Patnam Harika
2	Cart Management	USN-7	As a user, I can add items to the cart and adjust quantity.	3	High	Patnam Harika
2	Checkout	USN-8	As a user, I can place an order and choose payment options.	4	High	Patnam Harika

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Member
2	Order Tracking	USN-9	As a user, I can track the order status.	2	Medium	Patnam Harika
2	Admin Management	USN-10	As an admin, I can approve sellers and manage users.	2	Medium	Patnam Harika

Planning Overview:

In order to successfully execute the **ShopSmart** grocery web application, our development team adopted an **Agile Scrum methodology**. The project was broken down into multiple sprints, each lasting 5 days, allowing us to incrementally deliver features with consistent feedback and measurable progress.

Each sprint focused on well-defined **epics** (functional requirements) which were further broken down into **user stories** to ensure clarity, ownership, and precise effort estimation.

Using **story points**, we gauged the complexity and effort for each task, while assigning priorities and distributing work among team members based on their expertise.

The following table outlines the detailed sprint plan, highlighting the epics, user stories, assigned members, priorities, and estimated effort in terms of story points.