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

Date	05 July 2024
Team ID	SWTID1720076571
Project Name	SB Foods - Food Ordering App
Maximum Marks	4 Marks

Sprint Plan Template for SB Foods E-commerce System

Sprint 1

Functional Requirement: User Registration and Login

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-1	As a user, I can register for the application by entering my email, password, and confirming my password.	2	High	Mounika, Sunil
USN-2	As a user, if my username and password are correct I will login into system	1	High	Sankalp
USN-4	As a user, I can register for the application through sign up page.	2	Medium	Mounika, Sunil
USN-3	As a user, I can log into the application by entering my email & password.	1	High	Sankalp, Mohith

Functional Requirement: Admin Management

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-5	As an admin, I can add/delete restaurants and manage categories.	3	Medium	Mohith

Sprint 2

Functional Requirement: Product Catalog

User Story Number	User Story / Task	Story Points	Priority	Team Members

USN-6	As a user, I can browse a comprehensive product catalog with detailed descriptions, customer reviews, pricing, and discounts.	5	High	Mounika, Sunil
USN-7	As a user, I can search for products by name, category, or restaurant.	3	Medium	Sankalp, Mohith

Functional Requirement: Cart Management

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-8	As a user, I can add products to my cart.	2	High	Mohith
USN-9	As a user, I can view and manage the products in my cart.	2	High	Sankalp

Sprint 3

Functional Requirement: Order Placement

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-10	As a user, I can provide shipping address, payment method, and specific product requirements on the order details page.	3	High	Mounika, Sunil
USN-11	As a user, I can review all pertinent information about my order before placing it.	2	Medium	Sankalp

Functional Requirement: Secure Checkout

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-12	As a user, I can securely checkout with my personal information handled securely.	4	High	Mohith, Sunil

Sprint 4

Functional Requirement: Order Confirmation and Details

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-13	As a user,i can see my confirmation of my order	1	High	Mounika
USN-14	As a user, I can review all details about my order, including shipping, payment, and product requests.	2	Medium	Sankalp, Mohith

Functional Requirement: Restaurant Dashboard

User Story Number	User Story / Task	Story Points	Priority	Team Members
USN-15	As a restaurant owner, I can add and manage multiple product listings.	4	High	Sunil, Mohith
USN-16	As a restaurant owner, I can view order history and monitor customer activity.	3	Medium	Sankalp
USN-17	As a restaurant owner, I can access order details for all purchases.	2	Medium	Mounika, Sunil

Sprint	Total story points	Duration	Sprint Start Date	Sprint End date	Story Points Completed (as on Planned End Date)	Sprint Release Date (Actual)
Sprint-1	5					
Sprint-2	4					
Sprint-3	3					
Sprint-4	5					

Proposed Solution Template:

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	The primary problem SB Foods aims to solve is the inefficiency and inconvenience in the current online food ordering systems. Customers often face difficulties in finding a diverse range of food items from various restaurants in one place, encountering issues with order placements, payments, and receiving inaccurate or delayed order details
2.	Idea / Solution description	SB Foods provides a comprehensive online platform that connects users with a wide array of restaurants offering diverse food items. The solution includes features such as an extensive product catalog with detailed descriptions, a seamless order placement process, secure and efficient checkout, order confirmation, and a robust restaurant dashboard for managing orders and customer interactions.

3.	Novelty / Uniqueness	SB Foods stands out due to its integrated approach to combining a vast product catalog from multiple restaurants with a user-friendly interface. The platform also offers unique features like real-time order tracking, detailed customer reviews, personalized recommendations, and promotional offers. The restaurant dashboard is designed to provide comprehensive tools for restaurants to manage their listings and analyze customer behavior efficiently.
4.	Social Impact / Customer Satisfaction	By providing an easy-to-use platform, SB Foods enhances the overall dining experience for customers, making it convenient to order from a variety of restaurants. It also supports local restaurants by offering them a broader reach and tools to manage their business effectively. This contributes to increased customer satisfaction through timely deliveries, accurate order details, and secure transactions, leading to a positive social impact by promoting local businesses and ensuring customer satisfaction.
5.	Business Model (Revenue Model)	SB Foods operates on a commission-based revenue model, where a percentage of each transaction goes to the platform. Additionally, revenue is generated through premium listings for restaurants, advertising spaces on the platform, and subscription plans for advanced restaurant management tools. Customers might also be offered loyalty programs and premium memberships for exclusive deals and faster delivery options.

6.	Scalability of the Solution	The SB Foods platform is designed to be highly scalable, capable of accommodating a growing number of users and restaurants. The architecture allows for easy integration of new features, expansion to new geographic areas, and handling increased traffic during peak hours. The use of cloud-based services ensures that the platform can scale dynamically to meet demand, making it suitable for both small-scale local operations and large-scale international expansions.

Customer Problem Statement Template:

Problem Statement (PS)	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	A busy professional with limited time for meal preparation	Quickly and easily order food from a diverse range of restaurants with detailed descriptions and reviews to ensure quality	I face difficulties in finding a platform that offers a wide selection of food items from multiple restaurants in one place	Existing food ordering platforms do not provide a comprehensive catalog with detailed descriptions and customer reviews	Frustrated and dissatisfied due to the inefficiencies and inconveniences in the ordering process
PS-2	A student with a hectic schedule	Ensure that my orders are accurate, timely, and securely processed with minimal hassle	Often encounter issues with the order placement process, such as unclear item descriptions, inaccurate order details, or complicated payment methods	There is a lack of efficient and secure checkout processes that ensure personal information safety and swift transactions	Anxious about the accuracy and security of my orders and personal information

Functional Requirements:

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)
FR-1	User Registration	Registration through Gmail
FR-2	Product Catalog	Browse products by category Search products by name View product details, reviews, and pricing
FR-3	Cart Management	Add products to cart View and manage cart contents Update product quantities in cart
FR-4	Order Placement	Enter shipping address Select payment method Review order before placing
FR-5	Order Confirmation and Details	Receive order confirmation notification View order details post-purchase
FR-6	Restaurant Dashboard	Add and manage product listings View order history and customer activity Access detailed order information

3Non-functional Requirements

FR No.	Non-Functional Requirement	Description
NFR-1	**Usability**	The system should be easy to use and navigate, providing a seamless user experience for both customers and restaurant owners.
NFR-2	**Security**	The system must ensure the security of user data, including personal and payment information, through encryption and secure protocols.
NFR-3	**Reliability**	The system should be reliable, ensuring consistent performance and uptime, minimizing errors and downtime.
NFR-4	**Performance**	The system must perform efficiently, with fast load times and quick response to user actions, even during peak usage times.
NFR-5	**Availability**	The system should be available 24/7, ensuring users can access the platform and its features at any time without interruptions.
NFR-6	**Scalability**	The system should be scalable to handle increasing numbers of users, restaurants, and transactions without compromising performance.