

## Project Planning Phase

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

Date	19 October 2023
Team ID	PNT2022TMID 590947
Project Name	Project – Express Eats
Maximum Marks	8 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	Project setup & Infrastructure	USN-1	Set up the development environment with the required tools and frameworks to start the app development.	1	High	Yash
Sprint-1	User Authentication and Onboarding	USN-2	Implement user registration and login and develop user onboarding screens.	2	High	Shivanshu
Sprint-1	Restaurant and Menu Management	USN-3	Design database schema for restaurant data and create a menu management system.	4	High	Ishali
Sprint-2	Real-time Order Tracking & Ratings and Reviews	USN-4	Develop order status updates for drivers. Create a feedback system for customers and restaurants.	3	Medium	Yash
Sprint-2	Advanced Search and Filters & bug fixes	USN-5	Implement advanced search options based on cuisine, price, distance, etc. Identify and fix any bugs or issues.	2	Medium	Shivanshu
Sprint -3	Performance Optimization and Scalability and Server Load Testing	USN-6	Optimize the app's performance for various devices & test the app's scalability under heavy load.	1	Medium	Ishali
Sprint -3	Documentation, Final Testing, and Deployment	USN-7	Create user guides and documentation and perform a final round of testing.	1	Low	Shivanshu

**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	07	6 Days	18 Oct 2023	23 Oct 2023	15	09 November 2023
Sprint-2	06	6 Days	24 Oct 2023	30 Oct 2023		
Sprint-3	02	6 Days	02 Nov 2023	07Nov 2023		

**Velocity:**

Imagine we have a 10-day sprint duration, and the velocity of the team is 20 (points per sprint). Let's calculate the team's average velocity (AV) per iteration unit (story points per day)

$$AV = \frac{sprint\ duration}{velocity} = \frac{20}{10} = 2$$

$$AV = 18/15 = 1.2$$

### 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.

#### Sprint burndown

BETA ? v


0 points done, 10 points to go



PLANNING

 Timeline


 Backlog

 Board

DEVELOPMENT

 Code

 Project pages

 Add shortcut

 Project settings

Projects /Express Eats

## All sprints

ID



Epic ▾

Sprint ▾

### TO DO 3

implement advanced search option based on cuisine, price, distance, etc. identify and fix any bugs or issues

SEARCH OPTION



1



Optimize the app's performance for various devices & test the app's scalability under heavy load. Create user guides and documentation and perform a final round of testing.

OPTIMIZATION



1



### IN PROGRESS 1

Develop order status updates for delivery agent and create feedback system for customer for restaurant and delivery agent and restaurant for delivery agent

STATUS AND HISTORY



1



### DONE ✓

Implement user registration and sign in and forget password page with OTP verification. create database schema for restaurant data and create menu management system.

APP DESIGN AND FIREBASE



1

