Ideation Phase

Brainstorm & Idea Prioritization Template

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

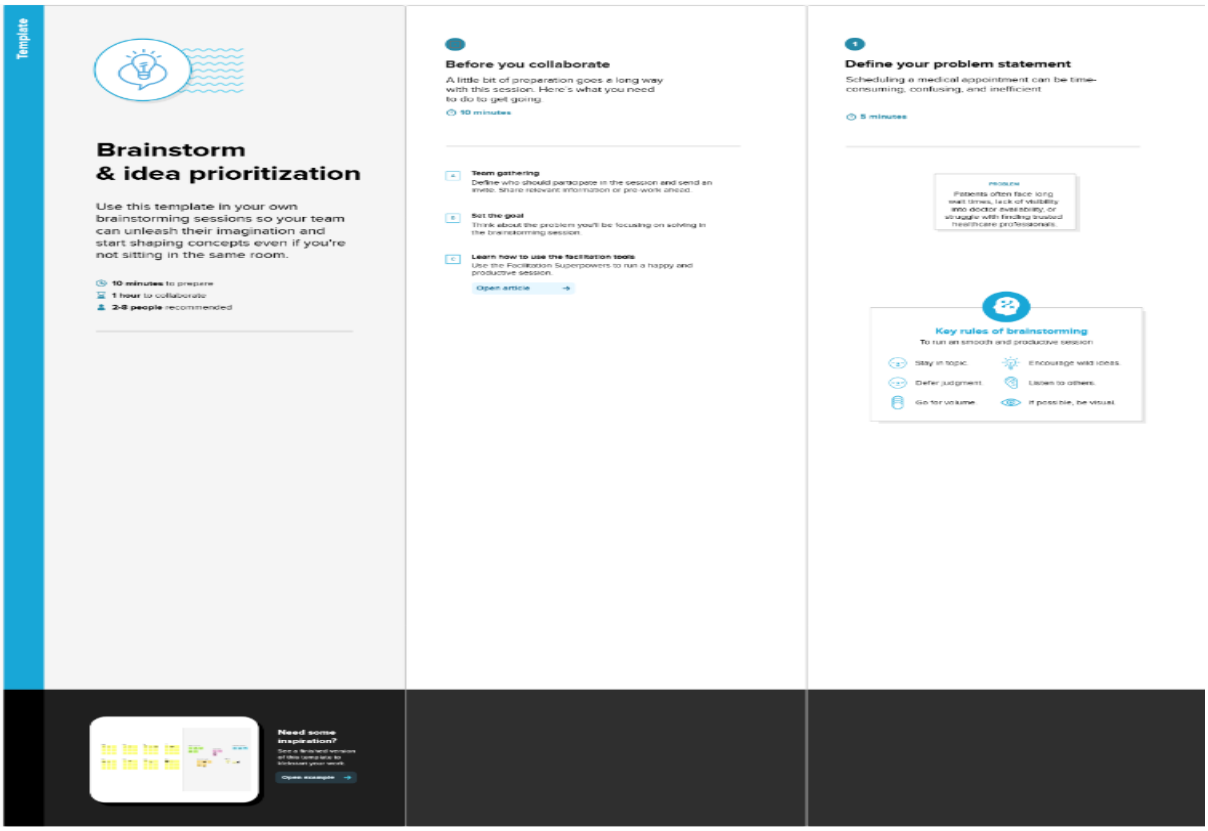
Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

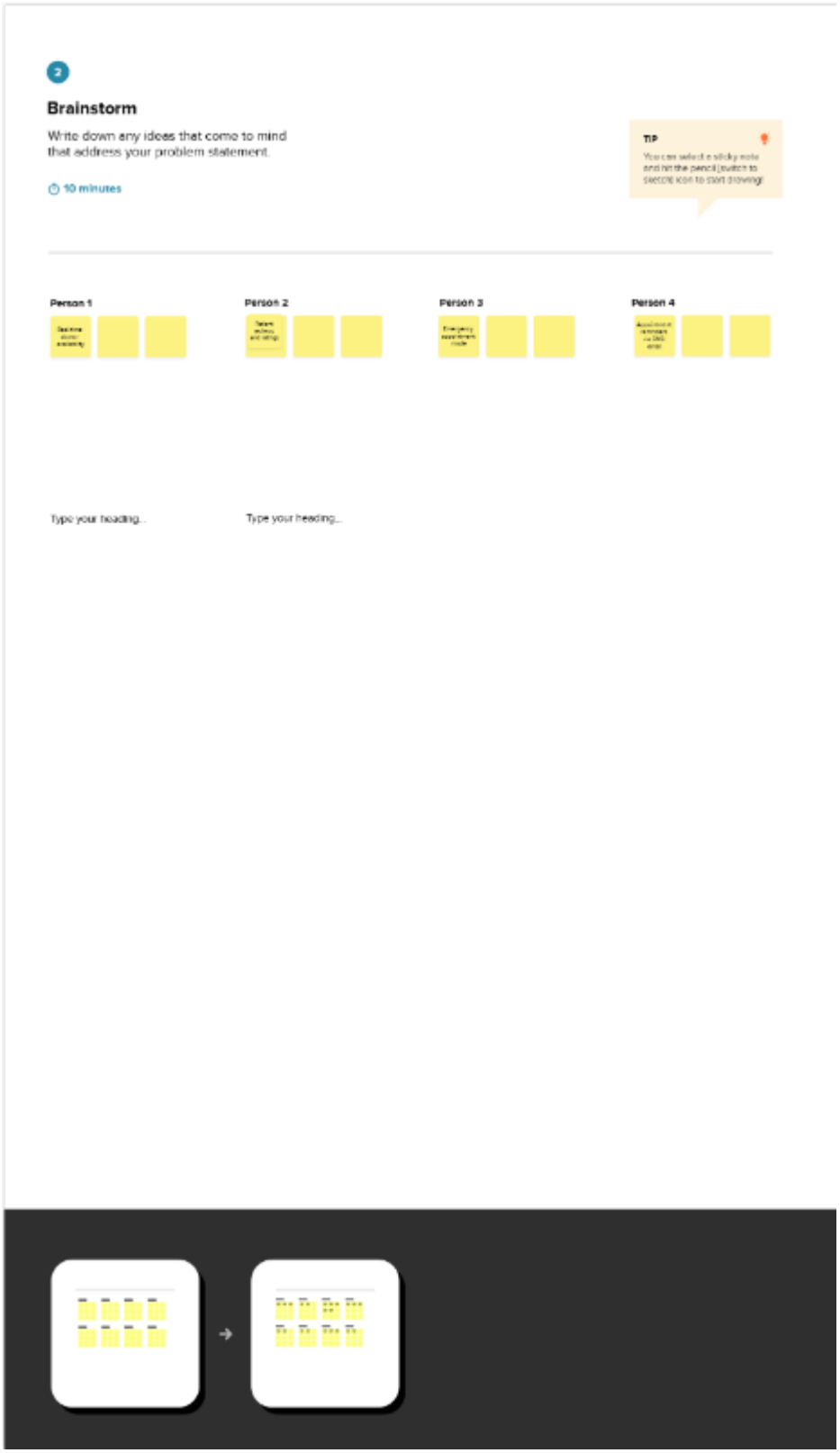
Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

Step-1: Team Gathering, Collaboration and Select the Problem Statement



Step-2: Brainstorm, Idea Listing and Grouping



3

Group ideas

We aim to streamline this process by providing a seamless, user-friendly platform for patients to discover, compare, and book appointments with healthcare professionals instantly.

20 minutes

TIP

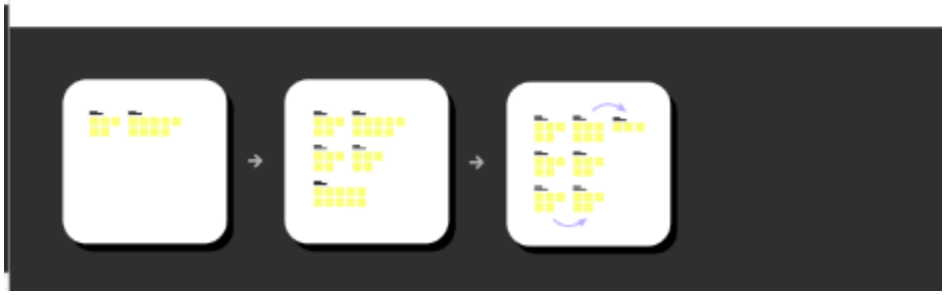
- Real-time availability
- Location-based search

TIP

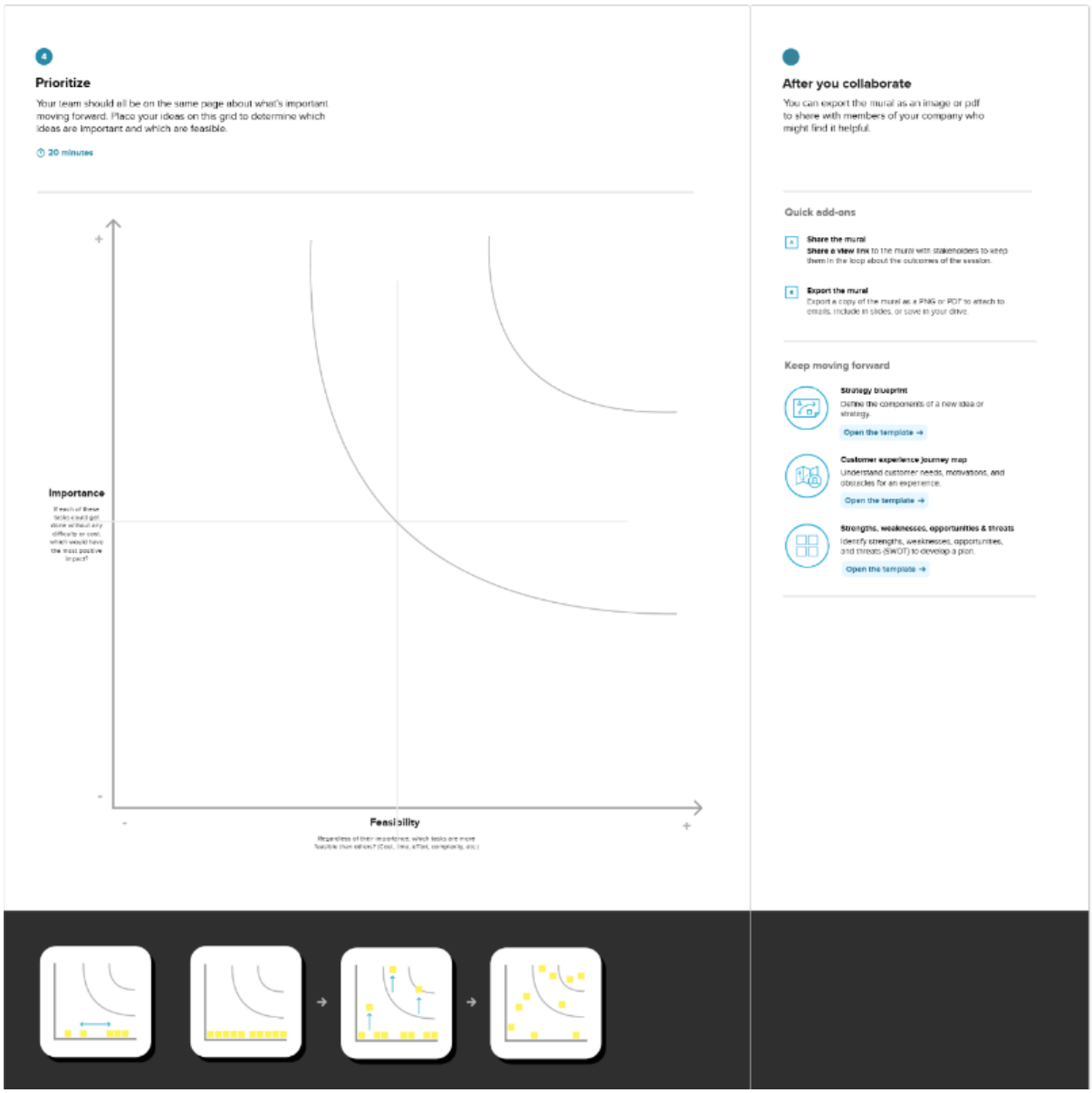
- Doctor filters (gender, language, etc.)
- Appointment reminders
- Patient reviews and rating

TIP

- Emergency booking
- Family member booking
- AI recommendations



Step-3: Idea Prioritization



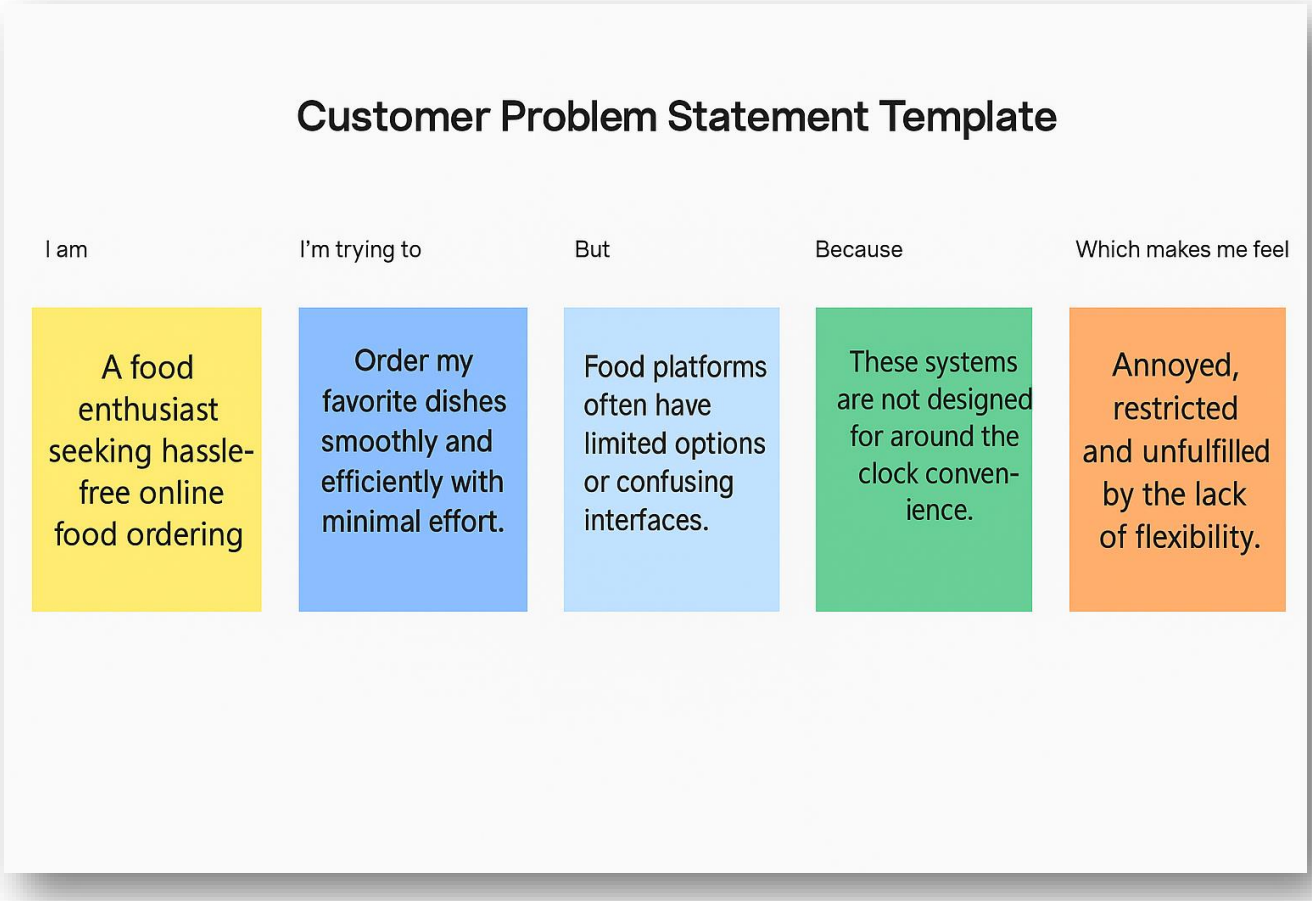
Ideation Phase

Define the Problem Statements

Date	**24 June 2025**
Team ID	**LTVIP2025TMID53004**
Project Name	**OrderOnTheGo: Your On-Demand Food Ordering Solution**
Maximum Marks	**2 Marks**

Customer Problem Statement Template:

To define the core problems freelancers face while searching for jobs online, and use those insights to guide the development of Freelance Finder.



PS ID	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a busy professional with limited time	order food quickly without long wait times or hassle	most food delivery apps don't show real-time delivery status or accurate restaurant availability	their systems are outdated or fragmented	frustrated and hungry while waiting
PS-2	a local restaurant owner	manage incoming orders efficiently and reduce cancellations	my current order management is manual or not integrated with delivery platforms	I can't afford or understand complex restaurant software	stressed and overwhelmed despite working hard

Ideation Phase

Empathize & Discover

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

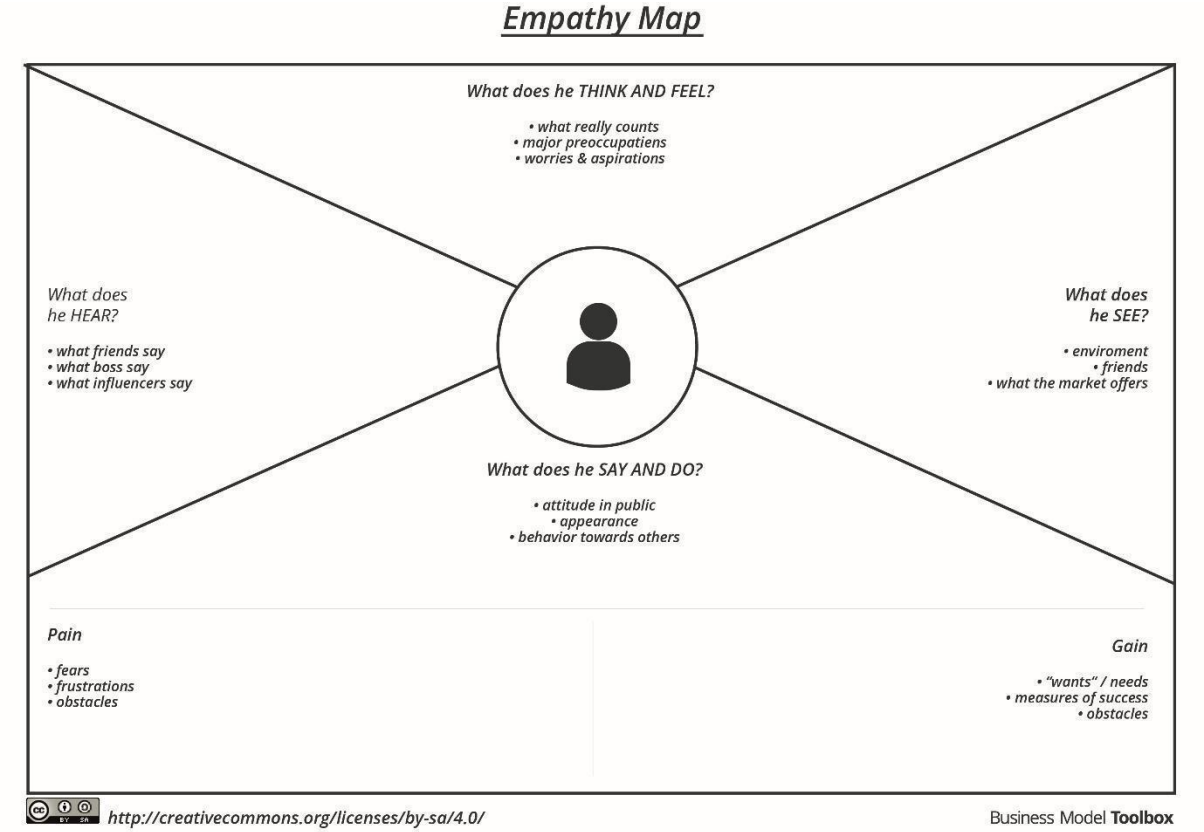
Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

It is a useful tool to helps teams better understand their users.

Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

Example:



Reference: https://www.mural.co/templates/empathy-map-canvas

Example: LearnHub

Says
What have we heard them say?

Thinks
What are their wants meeds, hopes, and qeaunt?
What other thoughts might influence ther beha-

I want someth ting that's open late and delivers.

Are there any good deals or promos I can use?

Personals name
Short summary the persona

Browses the menu and places an order on a food delivery app

Relieved to satisfy their hunger late at night

Does
What belravfor have we observed?
What can we imagine them doing?

Feels
"What are their fears, frosttations, and grecace?"
What other fastings might influence their behavior?

See go aagnede

User Acceptance Testing (UAT) Template

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	

Project Name: FoodieExpress

Project Description:
A user-friendly platform that allows customers to browse restaurants, place orders, track deliveries in real-time, and manage their food preferences. Features include restaurant search and filtering, real-time order tracking, secure payment integration, order history, ratings and reviews, and delivery scheduling.

Project Version: v1.0.0

Testing Period: 2025-05-26 to 2025-06-02

Testing Scope:

- Customer registration and login
- Restaurant profile creation and menu management
- Search and filter restaurants and dishes
- Real-time order placement and tracking
- Order modification and cancellation
- Delivery scheduling and updates
- Secure payment processing
- Ratings and review system
- Notifications (SMS/email) for order status
- Admin dashboard for managing users, restaurants, and disputes

---

Requirements to be Tested:

- As a customer, I want to easily search restaurants and place orders with real-time updates.
- As a restaurant owner, I want to manage my menu, availability, and incoming orders efficiently.
- As a user, I want secure login, payment processing, and timely notifications.
- As an admin, I want to manage users, restaurants, and handle disputes or feedback effectively.

Testing Environment:

- **URL:** https://foodieexpress.example.com
- **Credentials:**
  - Customer: test.customer@example.com / customer123
  - Restaurant Owner: test.owner@example.com / owner123
  - Admin: admin@foodieexpress.com / adminpass

Test Cases:

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	**User Registration**	**1. Visit app/website 2. Click "Sign Up" 3. Fill & submit form**	**Profile saved Account created, redirected to home screen**	**[Pass/Fail]**	
TC-002	**Restaurant Profile Creation**	**1. Login as restaurant owner 2. Fill restaurant details & menu 3. Save**	**Profile saved, restaurant listed in search results**	**[Pass/Fail]**	
TC-003	**Place Food Order**	**1. Search restaurant or dish 2. Select items and add to cart 3. Confirm order and payment**	**Order confirmed and shown in user order history**	**[Pass/Fail]**	

Related

How can I ensure my food order is accurately prepared and delivered on time

Why do some food delivery apps struggle with real-time tracking and estimated delivery times

What steps can I take to quickly reorder my favorite meals without delays

How do I handle issues like wrong orders or missing items effectively

Why does my food delivery experience sometimes feel unreliable or inconsistent

Bug Tracking:

Bug ID	Bug Description	Steps to reproduce	Severity	Status	Additional feedback
BG-001	Filter not working properly	1. Search with location + specialty	Medium	Open	Only partial results shown
...	...	...	...	...	...

Sign-off:

Tester Name: Sidhartha

Date: 26-05-2025

Signature:Sidhartha

Notes:

- Test across **multiple devices and browsers**.
- Cover **positive and negative** cases (e.g., invalid input, empty search, etc.).
- Track all bugs with reproduction steps and severity.
- Sign-off is required from the **project manager** and **product owner** before release.

Project Design Phase

Problem – Solution Fit Template

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	2 Marks

Problem–Solution Fit Overview: OrderOnTheGo: Your On-Demand Food Ordering Solution

The Problem–Solution Fit ensures that OrderOnTheGo: Your On-Demand Food Ordering Solution effectively addresses the challenges faced by customers and restaurant owners in food ordering and delivery. This validation is crucial before scaling the platform.

Purpose:

- Simplify and streamline the food ordering and delivery process.
- Provide a centralized platform for order and delivery management to avoid delays and errors.
- Enhance customer access to a wide variety of restaurants and dishes through smart search and filtering.
- Improve communication via real-time order tracking and notifications to reduce cancellations and complaints.

Problem Statement:

Customers and restaurant owners face challenges such as:

- Complex and time-consuming food ordering processes.
- Lack of real-time order and delivery tracking causing uncertainty and frustration.
- Poor communication and notification systems leading to missed or delayed deliveries.
- Difficulty in quickly finding available restaurants or specific dishes.
- Managing orders across multiple platforms or delivery services is inconvenient and inefficient.

Solution:

OrderOnTheGo: Your On-Demand Food Ordering Solution offers a seamless food ordering and delivery platform with:

- Easy search and filtering by cuisine, location, ratings, and availability.
- Real-time order and delivery tracking for customers and restaurants.

- Automated notifications and updates to keep customers informed and reduce cancellations.
- Secure user profiles with order history, preferences, and saved favorites.
- Integrated payment processing for a smooth checkout experience.
- Admin controls for managing users, restaurants, orders, and handling feedback or disputes.

- **Project Design Phase**
- **Proposed Solution Template**
-

Date	26-06-2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	2 Marks

-
- **Proposed Solution for OrderOnTheGo: Your On-Demand Food Ordering Solution App**

S. No.	**Parameter**	**Description**
1	Problem Statement (Problem to be solved)	Customers often face long wait times, inaccurate order status, and limited restaurant options. On the restaurant side, managing orders, deliveries, and customer communication remains inefficient.
2	Idea / Solution Description	FoodieExpress is a full-stack food delivery platform connecting customers with local restaurants. It features real-time order tracking, secure payments, menu management, and notifications. Admin tools help manage users, restaurants, and service quality.
3	Novelty / Uniqueness	- Real-time order and delivery tracking - Role-based access for customers, restaurant owners, and admins - Secure payment integration - SMS/email notifications - Delivery scheduling and updates
4	Social Impact / Customer Satisfaction	- Reduces customer wait times and order errors - Empowers local restaurants with digital presence - Enhances communication between customers and

		restaurants - Digitally transforms traditional ordering processes
5	Business Model (Revenue Model)	- Freemium model for restaurants with basic listing and order management - Subscription for premium features (analytics, priority listing, branded portals) - Transaction fee on orders (optional) - White-label B2B partnerships with food chains and delivery services
6	Scalability of the Solution	- Designed for local restaurants, food chains, and delivery startups - Global-ready with multi-language, multi-timezone, and multi-currency support - Mobile-first UX with future React Native or Flutter app - Modular microservices-based backend for flexibility

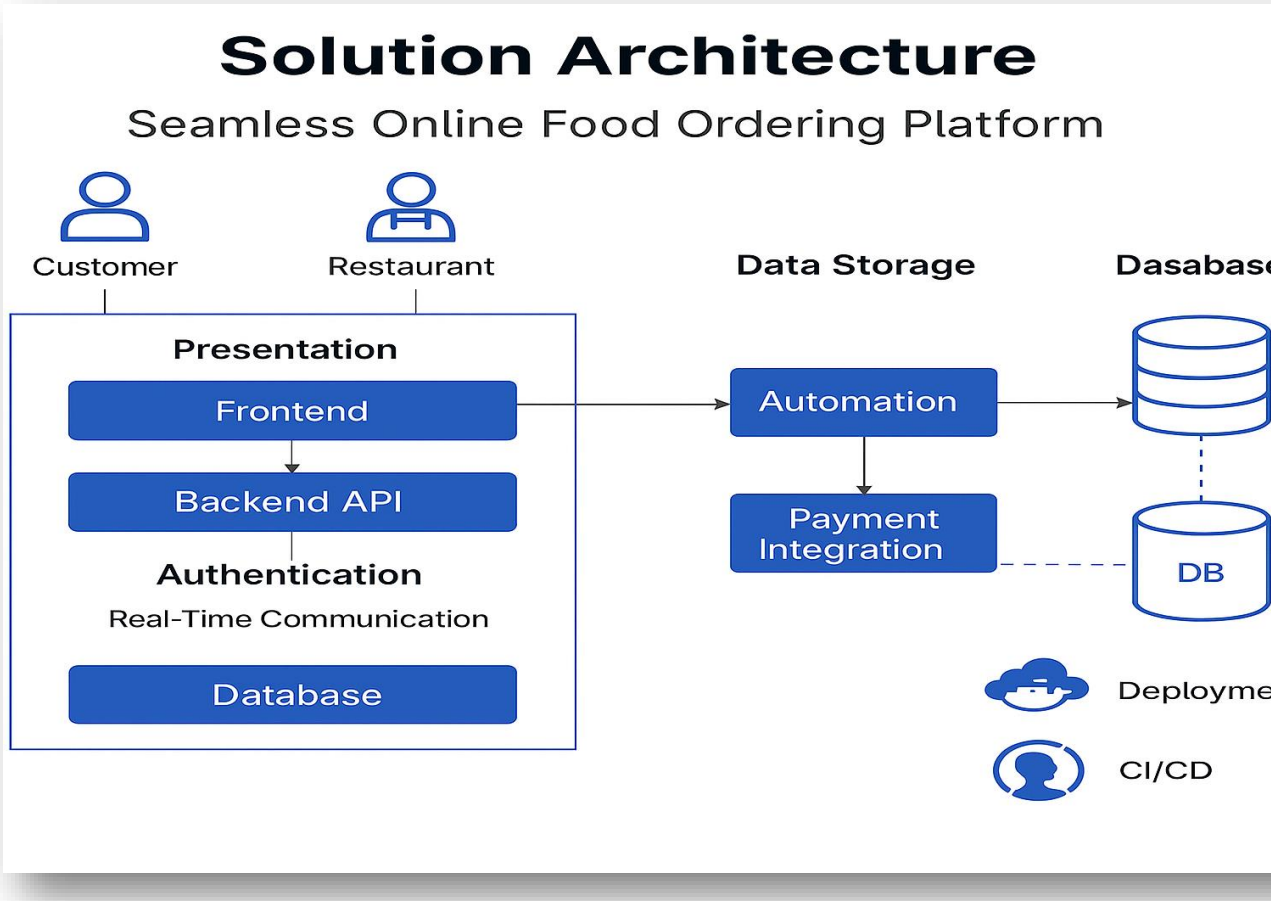
Project Design Phase
Solution Architecture

Date	**24 June 2025**
Team ID	**LTVIP2025TMID53004**
Project Name	**OrderOnTheGo: Your On-Demand Food Ordering Solution**
Maximum Marks	**4 Marks**

Solution Architecture:
Vision:
To provide a user-friendly, secure, and scalable food ordering and delivery platform that bridges the gap between customers and local restaurants.
Key Features:

- **Effortless Food Ordering: Simple and quick order placement with easy menu browsing and filtering.**
- **End-to-End Order Management: Seamless management of orders from placement to delivery for both customers and restaurants.**
- **Scalable User Authentication and Authorization: Secure login and role-based access for customers, restaurant owners, and admins.**
- **Secure and Trackable Payment Transactions: Safe payment processing with transparent transaction tracking.**
- **Reliable Real-Time Notifications: Instant updates on order status, delivery tracking, and promotional alerts via app, SMS, or email.**

Example - Solution Architecture Diagram:



Project Planning Phase

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

Date	**24 June 2025**
Team ID	**LTVIP2025TMID53004**
Project Name	**OrderOnTheGo: Your On-Demand Food Ordering Solution**
Maximum Marks	**5 Marks**

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Stor Poin
Sprint-1	User Authentication	USN-1	As a user, I can sign up and log in securely.	3
		USN-2	As a user, I can reset my password.	2

Sprint-2	**Restaurant Discovery & Ordering**	**USN-3**	**As a customer, I can search and filter restaurants by cuisine/location.**	**2**
Sprint-3	**Profile & Menu Management**	**USN-4**	**As a restaurant owner, I can set up and update my profile and menu.**	**3**
		USN-5	**As a user, I can update my profile information.**	**2**
		USN-6	**As a user, I can send/receive messages with restaurants (chat).**	**2**
Sprint-4	**Payment Integration & Reviews**	**USN-7**	**As a customer, I can pay securely for my orders.**	**3**
		USN-8	**As a user, I can leave a review after receiving my order.**	**2**
		USN-9	**As a user, I can change my password.**	**2**

Project Tracker, Velocity & Burndown Chart

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	20	6 Days	1 May 2025	2 June 2025	20	2 June 2025

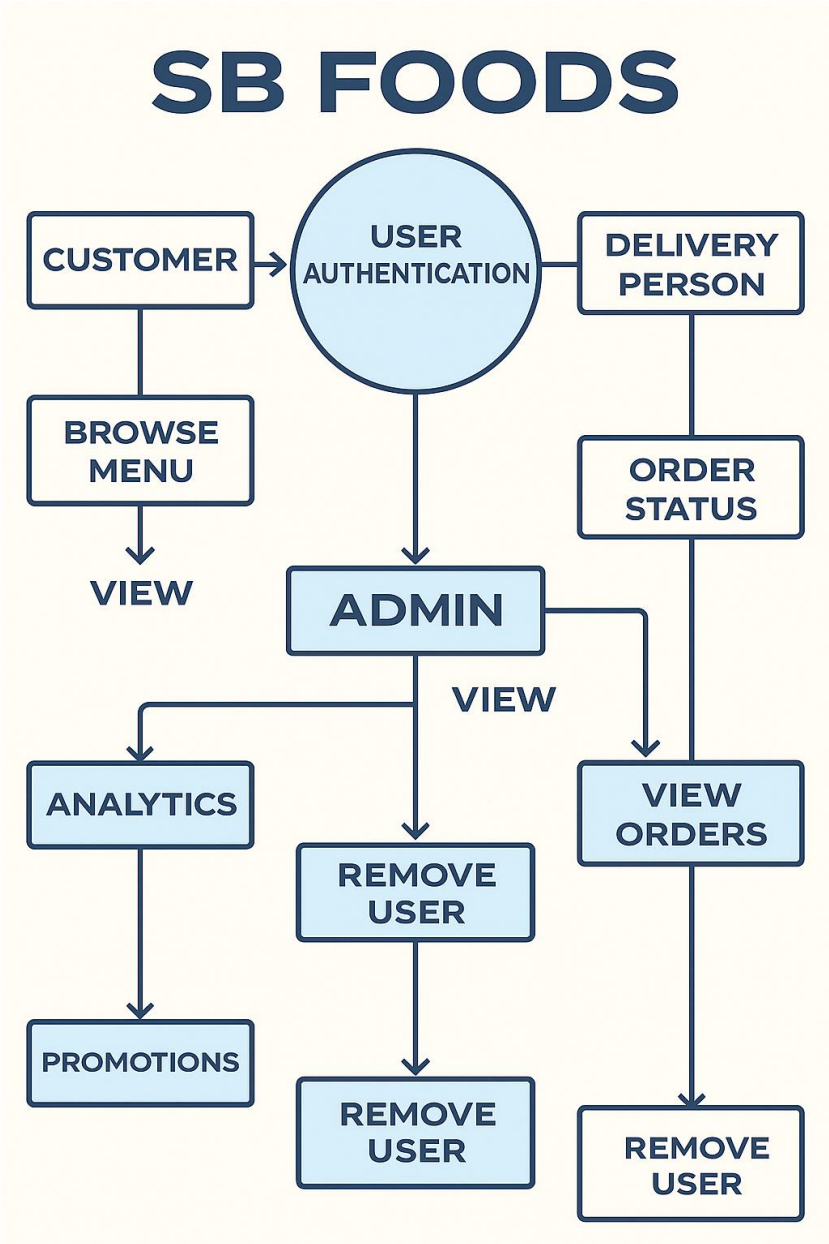
Sprint-2	20	6 Days	3 May 2025	4 June 2025	20	4 June 2025
Sprint-3	20	6 Days	5 May 2025	6 June 2025	20	6 June 2025
Sprint-4	20	6 Days	7 May 2025	8 June 2025	20	8 June 2025

Project Design Phase-II
Data Flow Diagram & User Stories

Date	**24 June 2025**
Team ID	**LTVIP2025TMID53004**
Project Name	**OrderOnTheGo: Your On-Demand Food Ordering Solution**
Maximum Marks	**4 Marks**

Data Flow Diagrams:
A Data Flow Diagram (DFD) illustrates how data moves within the Freelance Finder platform. It captures how users (freelancers and clients) interact with the system, how information flows between different components, and where the data is stored.

Example: DFD Level 0 (Industry Standard)



User Stories

User Story Table –

User Type	Functional Requirement (Epic)	User Story / Task	Acceptance Criteria	Priority	
Customer	Restaurant Search & Ordering	As a customer, I can search for restaurants by cuisine	Search results return relevant restaurants.	High	

		and location.			
		As a customer, I can place, modify, or cancel food orders.	Order status updates accordingly.	Medium	
Restaurant Owner	Order & Menu Management	As a restaurant owner, I can manage my menu and availability calendar.	Changes reflect immediately in customer app.	High	
User	Messaging	As a user, I can chat with restaurants or delivery agents in real-time.	Messages appear instantly.	Medium	
Admin	Profile Management	As an admin, I can update my profile.	Changes are saved successfully.	High	
Customer	Payment Processing	As a customer, I can make secure payments for my orders.	Payment recorded and shown in transaction history.	High	
User	Review System	As a user, I can leave a review after order completion.	Review appears on restaurant profile.	Medium	
Admin	User Moderation	As an admin, I can review reported users and take action.	Reports and actions logged.	High	

Solution Requirements (Functional & Non-functional)

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

Functional Requirements (FR)

FR No.	Functional Requirement (Epic)	Sub Requirement (Story / Sub-Task)	
FR-1	User Authentication	Sign up, Login, Password Reset	
		OAuth login using Google / Facebook	
FR-2	Restaurant Search & Ordering	Search restaurants by cuisine, location, and availability	
		Place, modify, and cancel food orders	
FR-3	Order & Delivery Management	Restaurants manage menu and availability	
		View upcoming and past orders	
FR-4	Notifications & Reminders	Automated SMS/email/app notifications for order status and deliv updates	

NFR No.	Non-Functional Requirement	Description
NFR-1	Usability	The platform should provide a simple, clean UI for all users, including customers and restaurant owners.
NFR-2	Security	All user and order data must be encrypted. Implement role-based access and secure authentication.
NFR-3	Reliability	Order placement, tracking, and notifications must be available and dependable at all times.
NFR-4	Performance	Pages and order actions should load within 2 seconds; notifications should be timely.

NFR-5	Availability	The system should ensure 99.9% uptime with minimal downtime.
NFR-6	Scalability	Support a growing number of users, restaurants, and concurrent orders without degradation.

Non-Functional Requirements (NFR)

Project Design Phase-II

Technology Stack (Architecture & Stack)

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

Technical Architecture:

Technical Architecture:

SB foods is designed with a scalable 3-tier architecture consisting of:

- **Presentation Layer (Frontend):** User-friendly interface for patients and healthcare providers to book and manage appointments.

- **Business Logic Layer (Backend):** Handles appointment scheduling, notifications, user management, and telehealth integration.

- **Data Storage Layer:** Secure storage of user profiles, appointment records, and healthcare provider details.

The platform integrates with third-party APIs for notifications (SMS/email) and telehealth services to enhance usability.

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
1.	User Interface	Web and mobile-friendly interface for patients and providers	HTML, CSS, JavaScript / React Js etc.
2.	Application Logic-1	Appointment booking, calendar management, reminders	Node.js, Express.js
3.	Application Logic-2	Admin panel, provider management, reporting	React js, Node js
4.	Database	Stores user profiles, appointments, provider datas	MongoDB

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
5.	Open-Source Frameworks	Frontend frameworks	React.js, Node.js, BootStrap, Tailwind CSS
6.	Scalable Architecture	3-tier architecture with RESTful APIs	Microservices

is designed with a scalable 3-tier architecture consisting of:

- **Presentation Layer (Frontend):** User-friendly interface for patients and healthcare providers to book and manage appointments.

- **Business Logic Layer (Backend):** Handles appointment scheduling, notifications, user management, and telehealth integration.

- **Data Storage Layer:** Secure storage of user profiles, appointment records, and healthcare provider details.

The platform integrates with third-party APIs for notifications (SMS/email) and telehealth services to enhance usability.

Table-1 : Components & Technologies:

S.No	Component	Description	Technology
7.	User Interface	Web and mobile-friendly interface for patients and providers	HTML, CSS, JavaScript / React Js etc.
8.	Application Logic-1	Appointment booking, calendar management, reminders	Node.js, Express.js
9.	Application Logic-2	Admin panel, provider management, reporting	React js, Node js
10	Database	Stores user profiles, appointments, provider datas	MongoDB

Table-2: Application Characteristics:

S.No	Characteristics	Description	Technology
11	Open-Source Frameworks	Frontend frameworks	React.js, Node.js, BootStrap, Tailwind CSS
12	Scalable Architecture	3-tier architecture with RESTful APIs	Microservices

References:

React.js Documentation

Node js Best Practice

JSON Web Server Referance

https://medium.com/the-internal-startup/how-to-draw-useful-technical-architecture-diagrams-2d20c9fda90d

Ideation Phase

Brainstorm & Idea Prioritization Template

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

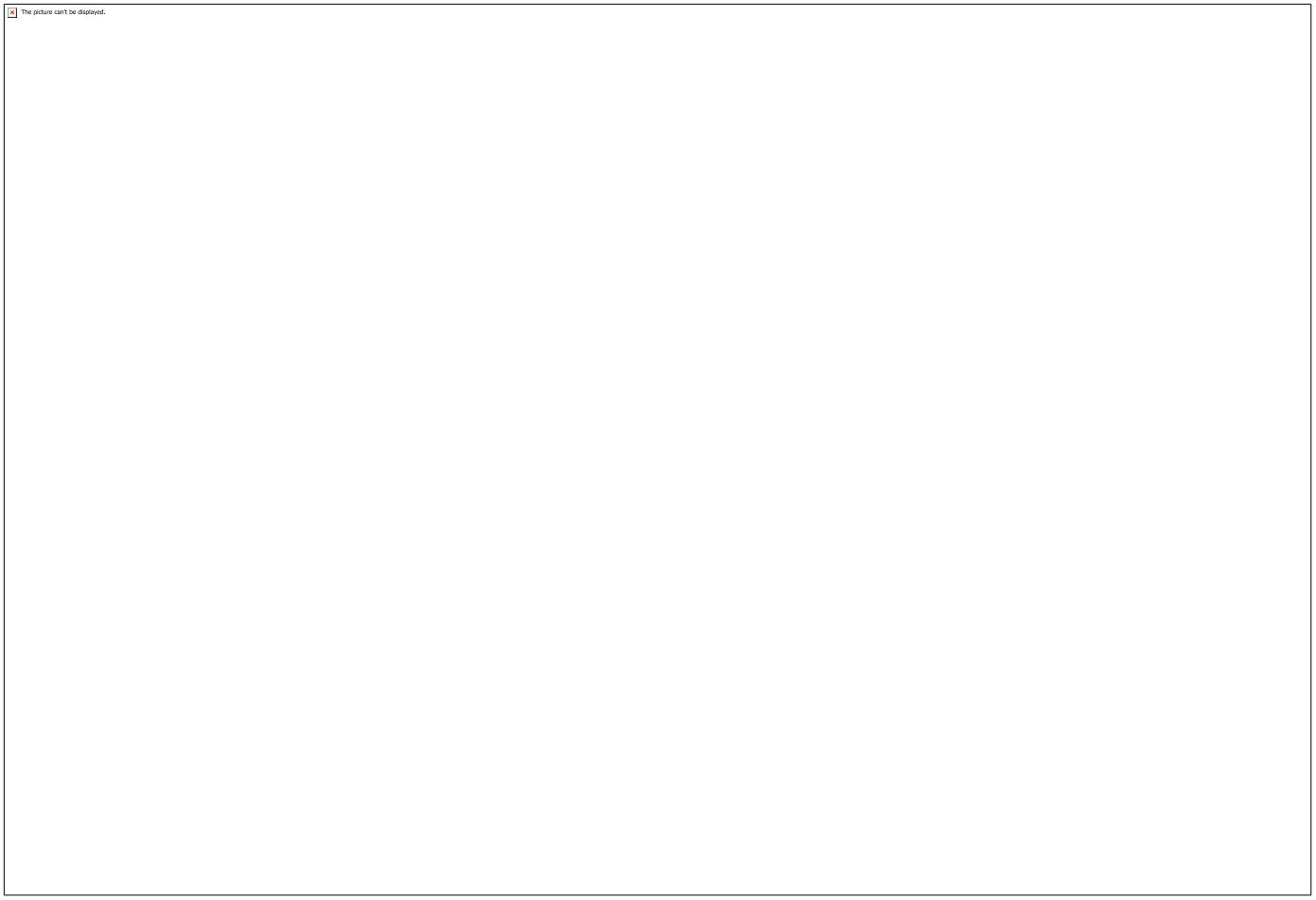
Brainstorm & Idea Prioritization Template:

Brainstorming provides a free and open environment that encourages everyone within a team to participate in the creative thinking process that leads to problem solving. Prioritizing volume over value, out-of-the-box ideas are welcome and built upon, and all participants are encouraged to collaborate, helping each other develop a rich amount of creative solutions.

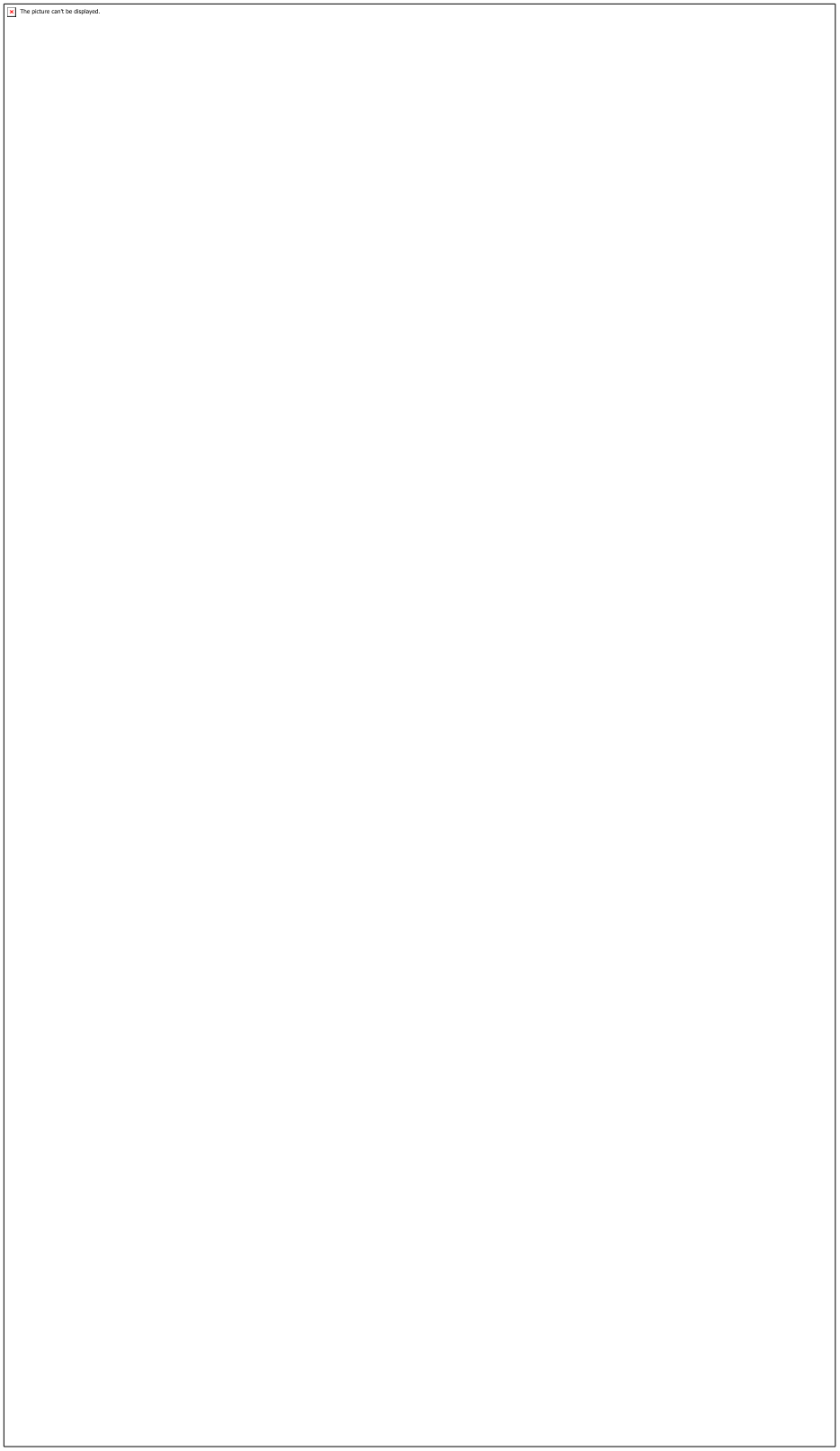
Use this template in your own brainstorming sessions so your team can unleash their imagination and start shaping concepts even if you're not sitting in the same room.

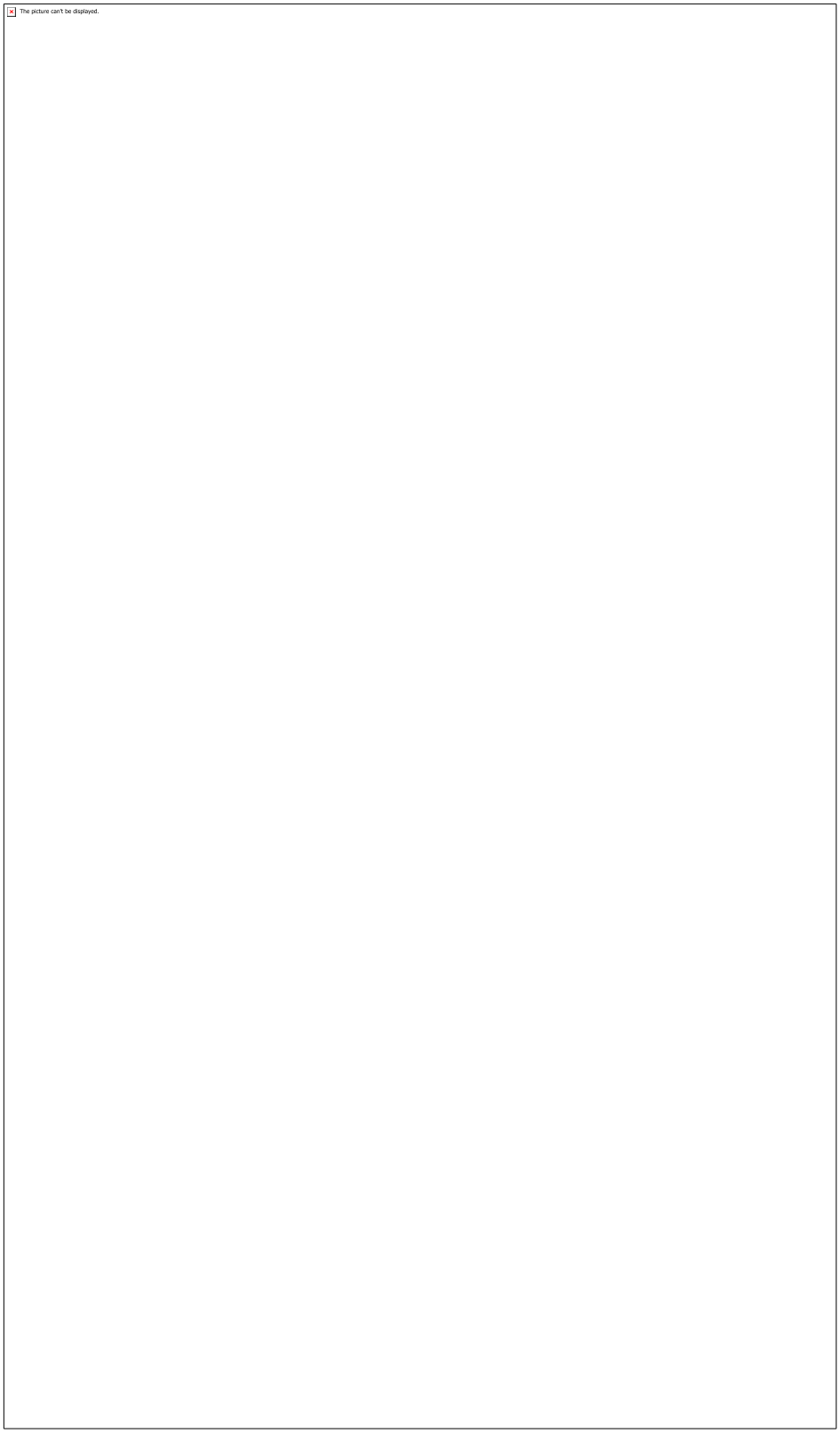
Reference: https://www.mural.co/templates/brainstorm-and-idea-prioritization

Step-1: Team Gathering, Collaboration and Select the Problem Statement

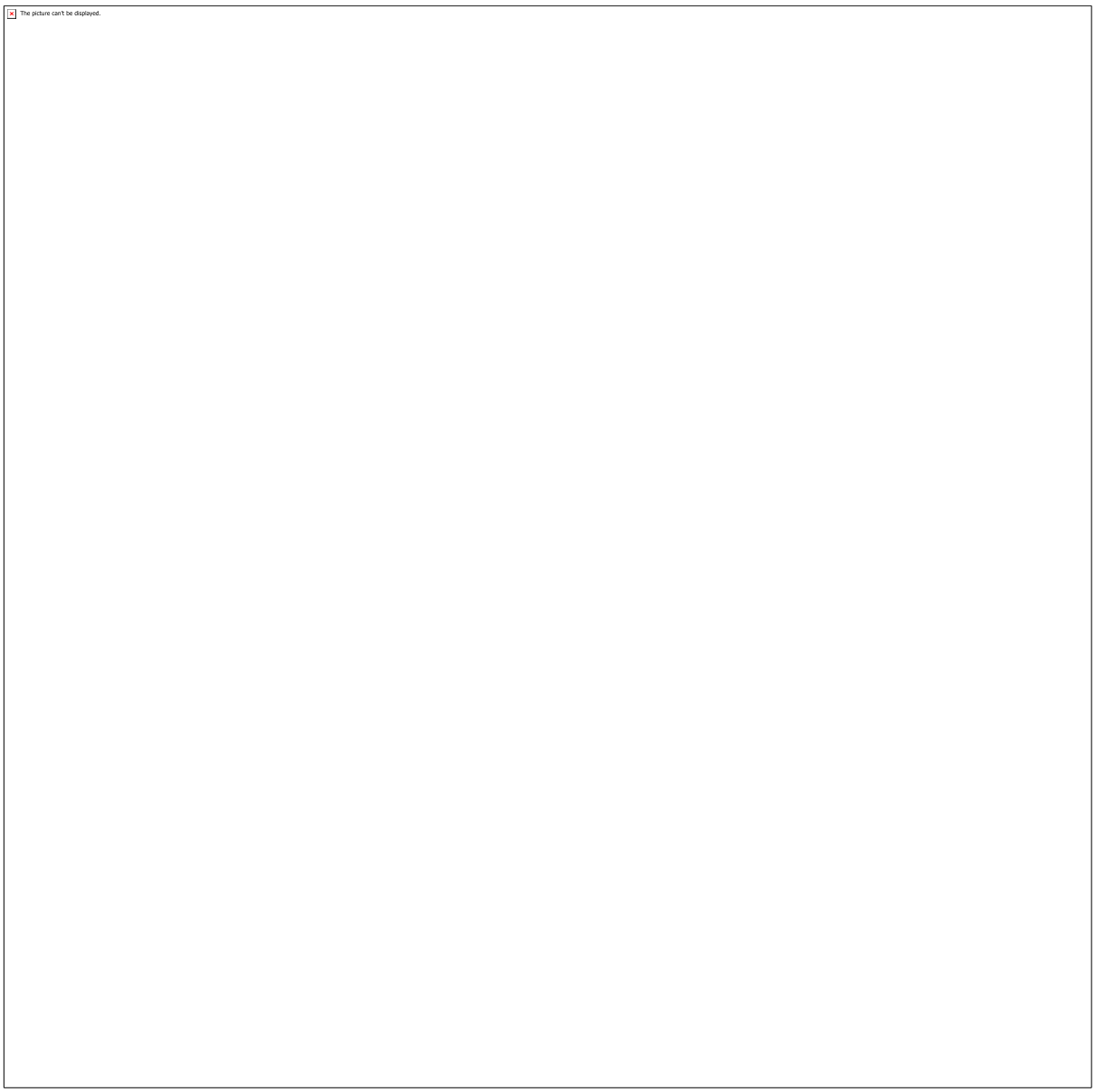


Step-2: Brainstorm, Idea Listing and Grouping


The picture can't be displayed.


The picture can't be displayed.

Step-3: Idea Prioritization



Ideation Phase

Define the Problem Statements

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution

Maximum Marks	2 Marks

Customer Problem Statement Template:

To define the core problems freelancers face while searching for jobs online, and use those insights to guide the development of Freelance Finder.

PS ID	I am (Customer)	I'm trying to	But	Because	Which makes me feel
PS-1	a busy professional with limited time	order food quickly without long wait times or hassle	most food delivery apps don't show real-time delivery status or accurate restaurant availability	their systems are outdated or fragmented	frustrated and hungry while waiting
PS-2	a local restaurant owner	manage incoming orders efficiently and reduce cancellations	my current order management is manual or not integrated with delivery platforms	I can't afford or understand complex restaurant software	stressed and overwhelmed despite working hard

Ideation Phase
Empathize & Discover

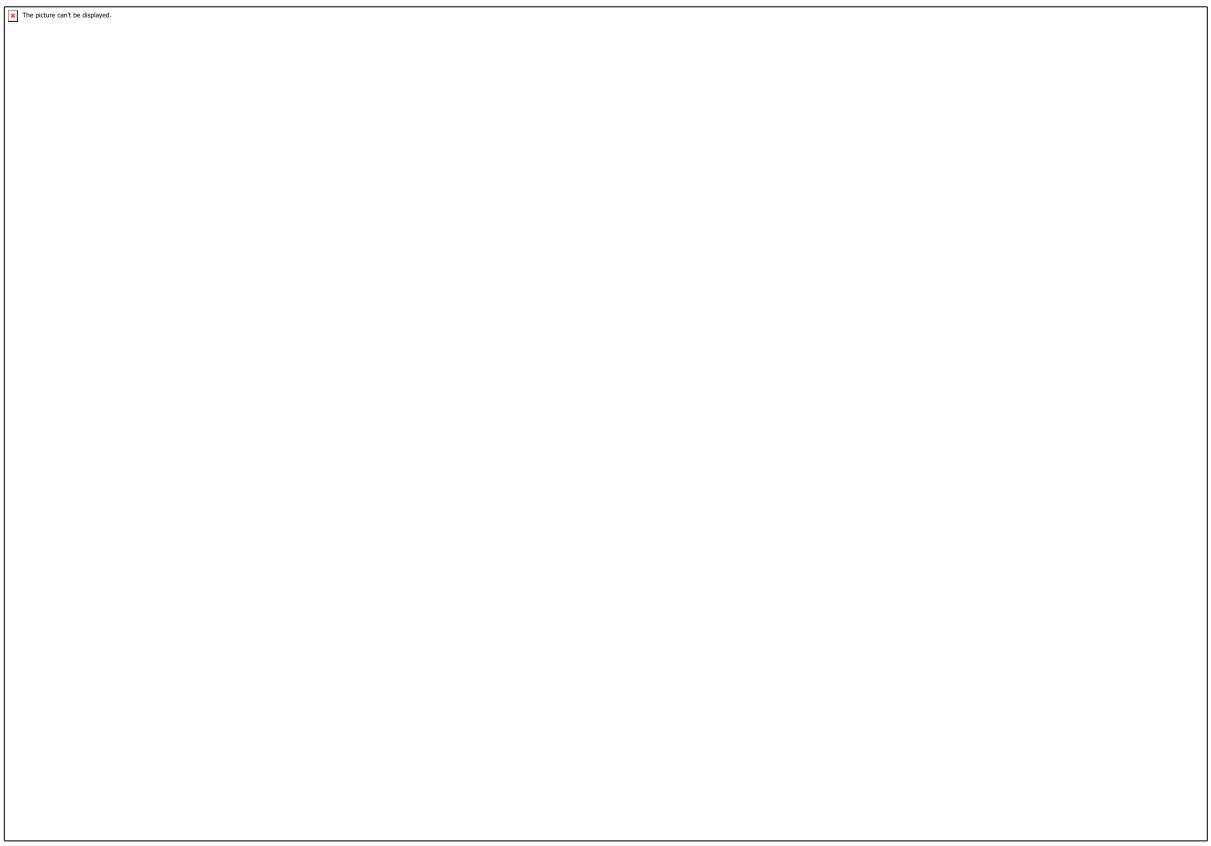
Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

Empathy Map Canvas:

An empathy map is a simple, easy-to-digest visual that captures knowledge about a user's behaviours and attitudes.

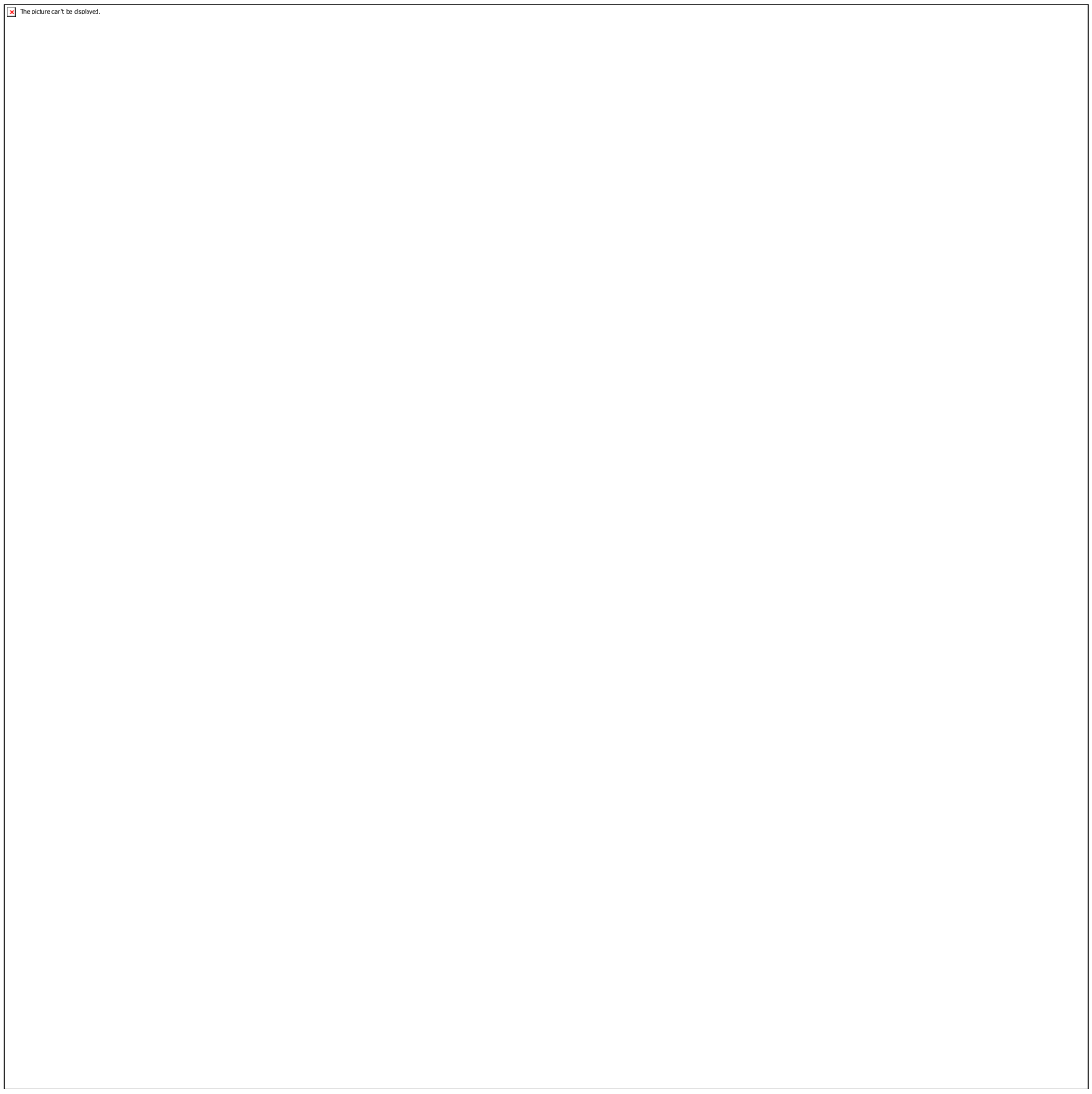
It is a useful tool to helps teams better understand their users.
Creating an effective solution requires understanding the true problem and the person who is experiencing it. The exercise of creating the map helps participants consider things from the user's perspective along with his or her goals and challenges.

Example:



Reference: https://www.mural.co/templates/empathy-map-canvas

Example: LearnHub



User Acceptance Testing (UAT) Template

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	

Project Name: FoodieExpress

Project Description:
A user-friendly platform that allows customers to browse restaurants, place orders, track deliveries in real-time, and manage their food preferences. Features include restaurant search and filtering, real-time order tracking, secure payment integration, order history, ratings and reviews, and delivery scheduling.

Project Version: v1.0.0

Testing Period: 2025-05-26 to 2025-06-02

Testing Scope:

1. Customer registration and login
2. Restaurant profile creation and menu management
3. Search and filter restaurants and dishes
4. Real-time order placement and tracking
5. Order modification and cancellation
6. Delivery scheduling and updates
7. Secure payment processing
8. Ratings and review system
9. Notifications (SMS/email) for order status
10. Admin dashboard for managing users, restaurants, and disputes

---

Requirements to be Tested:

1. As a customer, I want to easily search restaurants and place orders with real-time updates.
2. As a restaurant owner, I want to manage my menu, availability, and incoming orders efficiently.
3. As a user, I want secure login, payment processing, and timely notifications.
4. As an admin, I want to manage users, restaurants, and handle disputes or feedback effectively.

Testing Environment:

1. **URL:** https://foodieexpress.example.com
2. **Credentials:**
3. Customer: test.customer@example.com / customer123
4. Restaurant Owner: test.owner@example.com / owner123

5. Admin: admin@foodieexpress.com / adminpass

Test Cases:

Test Case ID	Test Scenario	Test Steps	Expected Result	Actual Result	Pass/Fail
TC-001	**User Registration**	**1. Visit app/website 2. Click "Sign Up" 3. Fill & submit form**	**Profile saved Account created, redirected to home screen**	**[Pass/Fail]**	
TC-002	**Restaurant Profile Creation**	**1. Login as restaurant owner 2. Fill restaurant details & menu 3. Save**	**Profile saved, restaurant listed in search results**	**[Pass/Fail]**	
TC-003	**Place Food Order**	**1. Search restaurant or dish 2. Select items and add to cart 3. Confirm order and payment**	**Order confirmed and shown in user order history**	**[Pass/Fail]**	

Related

How can I ensure my food order is accurately prepared and delivered on time

Why do some food delivery apps struggle with real-time tracking and estimated delivery times

What steps can I take to quickly reorder my favorite meals without delays

How do I handle issues like wrong orders or missing items effectively

Why does my food delivery experience sometimes feel unreliable or inconsistent

Bug Tracking:

Bug ID	Bug Description	Steps to reproduce	Severity	Status	Additional feedback
BG-001	Filter not working properly	1. Search with location + specialty	Medium	Open	Only partial results shown
…	…	…	…	…	…

Sign-off:

Tester Name: Sidhartha

Date: 26-05-2025

Signature:Sidhartha

Notes:

- Test across **multiple devices and browsers**.
- Cover **positive and negative** cases (e.g., invalid input, empty search, etc.).
- Track all bugs with reproduction steps and severity.
- Sign-off is required from the **project manager** and **product owner** before release.

Project Design Phase

Problem – Solution Fit Template

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	2 Marks

Problem–Solution Fit Overview: OrderOnTheGo: Your On-Demand Food Ordering Solution

The Problem–Solution Fit ensures that OrderOnTheGo: Your On-Demand Food Ordering Solution effectively addresses the challenges faced by customers and restaurant owners in food ordering and delivery. This validation is crucial before scaling the platform.

Purpose:

- Simplify and streamline the food ordering and delivery process.
- Provide a centralized platform for order and delivery management to avoid delays and errors.
- Enhance customer access to a wide variety of restaurants and dishes through smart search and filtering.
- Improve communication via real-time order tracking and notifications to reduce cancellations and complaints.

Problem Statement:

Customers and restaurant owners face challenges such as:

11. Complex and time-consuming food ordering processes.
12. Lack of real-time order and delivery tracking causing uncertainty and frustration.
13. Poor communication and notification systems leading to missed or delayed deliveries.
14. Difficulty in quickly finding available restaurants or specific dishes.
15. Managing orders across multiple platforms or delivery services is inconvenient and inefficient.

Solution:

OrderOnTheGo: Your On-Demand Food Ordering Solution offers a seamless food ordering and delivery platform with:

5. Easy search and filtering by cuisine, location, ratings, and availability.
6. Real-time order and delivery tracking for customers and restaurants.
7. Automated notifications and updates to keep customers informed and reduce cancellations.
8. Secure user profiles with order history, preferences, and saved favorites.
9. Integrated payment processing for a smooth checkout experience.
10. Admin controls for managing users, restaurants, orders, and handling feedback or disputes.

Project Design Phase

Proposed Solution Template

Date	26-06-2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	2 Marks

Proposed Solution for OrderOnTheGo: Your On-Demand Food Ordering Solution App

S. No.	Parameter	Description
1	Problem Statement (Problem to be solved)	Customers often face long wait times, inaccurate order status, and limited restaurant options. On the restaurant side, managing orders, deliveries, and customer communication remains inefficient.
2	Idea / Solution Description	FoodieExpress is a full-stack food delivery platform connecting customers with local restaurants. It features real-time order tracking, secure payments, menu management,

		and notifications. Admin tools help manage users, restaurants, and service quality.
3	Novelty / Uniqueness	- Real-time order and delivery tracking - Role-based access for customers, restaurant owners, and admins - Secure payment integration - SMS/email notifications - Delivery scheduling and updates
4	Social Impact / Customer Satisfaction	- Reduces customer wait times and order errors - Empowers local restaurants with digital presence - Enhances communication between customers and restaurants - Digitally transforms traditional ordering processes
5	Business Model (Revenue Model)	- Freemium model for restaurants with basic listing and order management - Subscription for premium features (analytics, priority listing, branded portals) - Transaction fee on orders (optional) - White-label B2B partnerships with food chains and delivery services
6	Scalability of the Solution	- Designed for local restaurants, food chains, and delivery startups - Global-ready with multi-language, multi-timezone, and multi-currency support - Mobile-first UX with future React Native or Flutter app - Modular microservices-based backend for flexibility

Project Design Phase

Solution Architecture

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	4 Marks

Solution Architecture:

Vision:
To provide a user-friendly, secure, and scalable food ordering and delivery platform that bridges the gap between customers and local restaurants.

Key Features:

- Effortless Food Ordering: Simple and quick order placement with easy menu browsing and filtering.
- End-to-End Order Management: Seamless management of orders from placement to delivery for both customers and restaurants.
- Scalable User Authentication and Authorization: Secure login and role-based access for customers, restaurant owners, and admins.
- Secure and Trackable Payment Transactions: Safe payment processing with transparent transaction tracking.
- Reliable Real-Time Notifications: Instant updates on order status, delivery tracking, and promotional alerts via app, SMS, or email.

Example - Solution Architecture Diagram:

Project Planning Phase

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

Date	24 June 2025
Team ID	LTVIP2025TMID53004
Project Name	OrderOnTheGo: Your On-Demand Food Ordering Solution
Maximum Marks	5 Marks

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority
Sprint-1	User Authentication	USN-1	As a user, I can sign up and log in securely.	3	High
		USN-2	As a user, I can reset my password.	2	Medium
Sprint-2	Restaurant Discovery & Ordering	USN-3	As a customer, I can search and filter restaurants by cuisine/location.	2	High
Sprint-3	Profile & Menu Management	USN-4	As a restaurant owner, I can set up and update my profile and menu.	3	High
		USN-5	As a user, I can update my profile information.	2	High
		USN-6	As a user, I can send/receive messages with restaurants (chat).	2	Medium
Sprint-4	Payment Integration & Reviews	USN-7	As a customer, I can pay securely for my orders.	3	High
		USN-8	As a user, I can leave a review after receiving my order.	2	Medium
		USN-9	As a user, I can change my password.	2	Medium

Project Tracker, Velocity & Burndown Chart

Sprint	Total Story Points	Duration	Sprint Start Date	Sprint End Date (Planned)	Story Points Completed (as on Planned End Date)	Sprint Rel Date (Actu
Sprint-1	20	6 Days	1 May 2025	2 June 2025	20	2 June 202
Sprint-2	20	6 Days	3 May 2025	4 June 2025	20	4 June 202

Sprint-3	20	6 Days	5 May 2025	6 June 2025	20	6 June 2025
Sprint-4	20	6 Days	7 May 2025	8 June 2025	20	8 June 2025

This schedule assumes a 6-day sprint duration with a focus on core functionalities each sprint. Story points reflect relative effort and priority guides the order of development.