Flipkart : FlipFit

Team Pi (Harsha Swaroop)

FRAMEWORK FOR 1 WEEK

INSTALLATIONS/SETUP & OVERVIEW

LEARN NEW TECHNOLOGIES & DAILY TASKS

COMPLETE PROJECT LAYER BY LAYER & REVIEWS
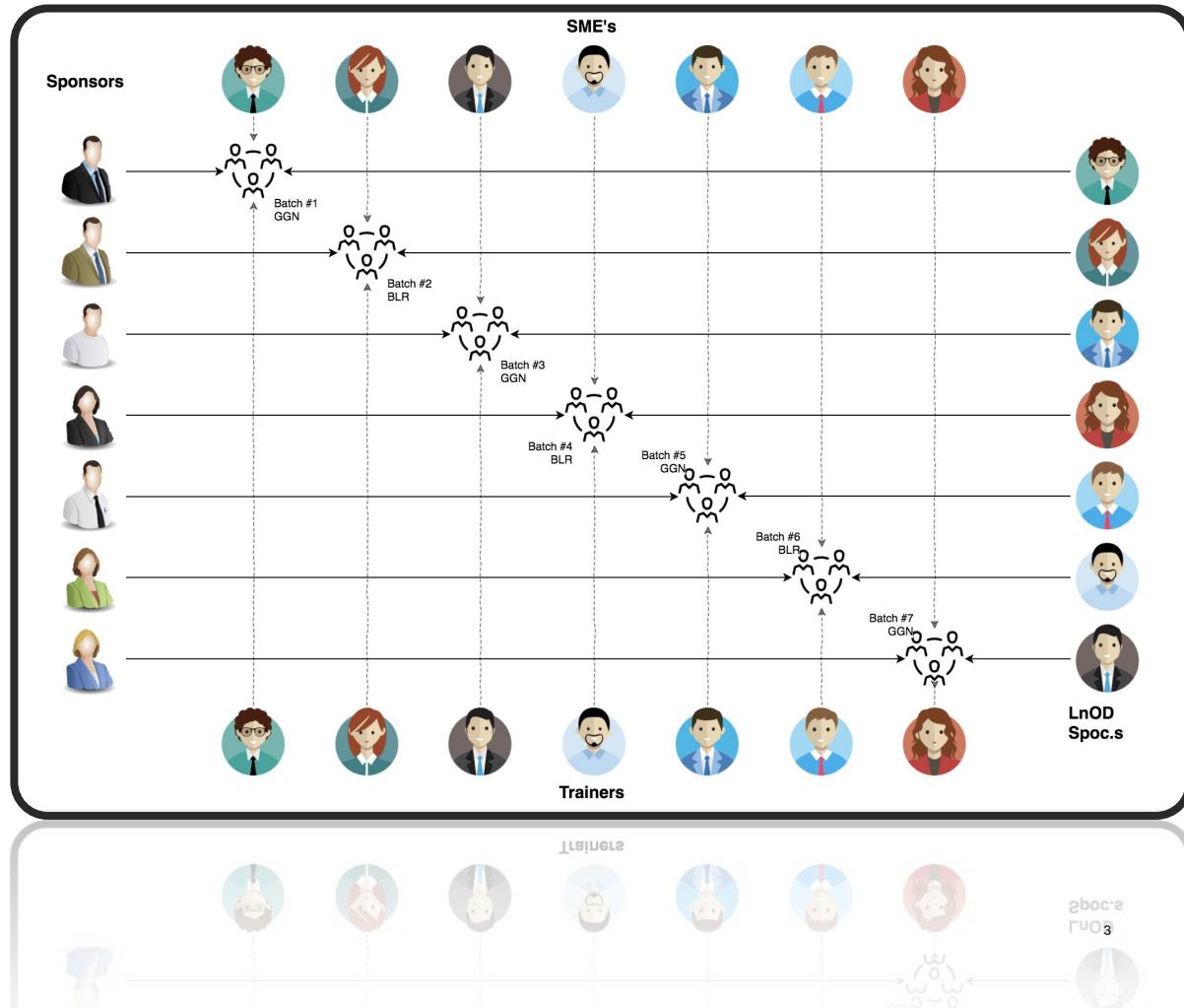
Stakeholders

1. Sponsors

    ■ Flipkart

2. SME's

    ■ Amit Balyan

Our next starts **NOW**

Agend
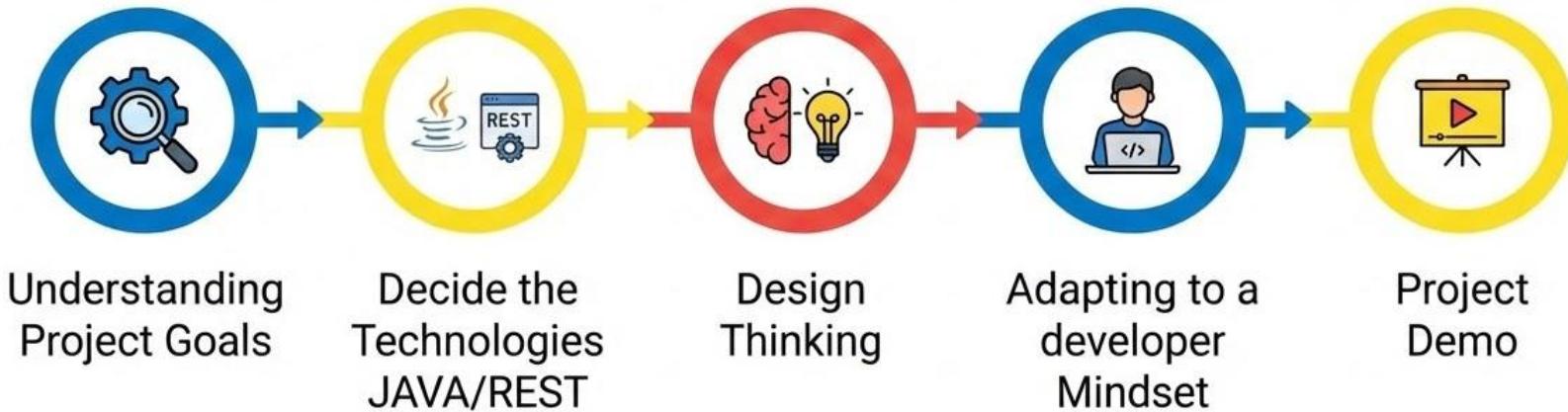
Our
Journey

PROJECT ROADMAP

Understanding Project Goals

Decide the Technologies JAVA/REST

Design Thinking

Adapting to a developer Mindset

Project Demo
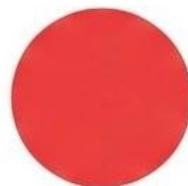
OUR TEAM

Harsha Swaroop

Om Mahesh Patil

Madan Mohan
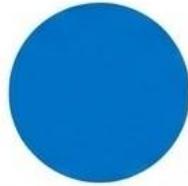
Gauri Pramod

Deepanshu Gupta
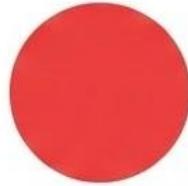
Khushi
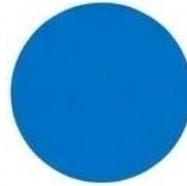
Himanshi

Dange Sanika

Aman Tiwari
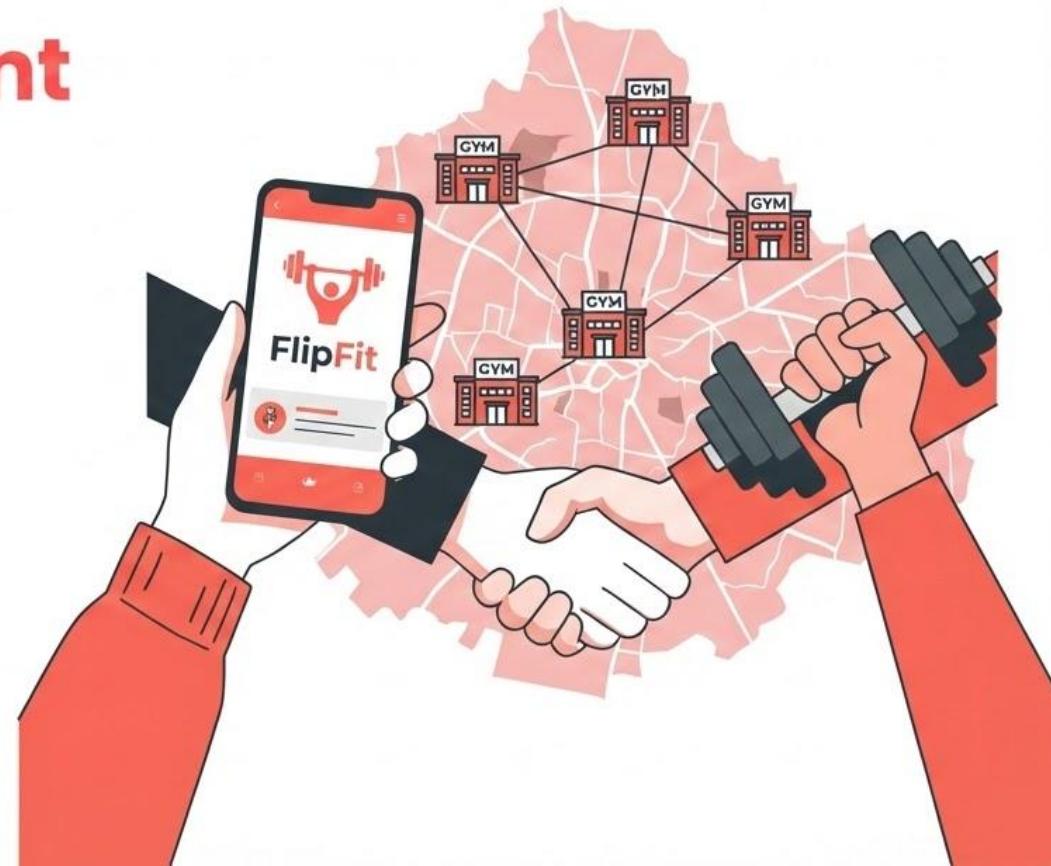
Aditya Luthra

Problem Statement

Design a UI and a backend system for a new enterprise application that **Flipkart** is launching, **FlipFit**.
Flipkart is partnering up with gyms across Bangalore to enter into the fitness space.

FlipFit

Project Goals

User friendly booking system for gym slots

Gym owner registration to facilitate facility setup
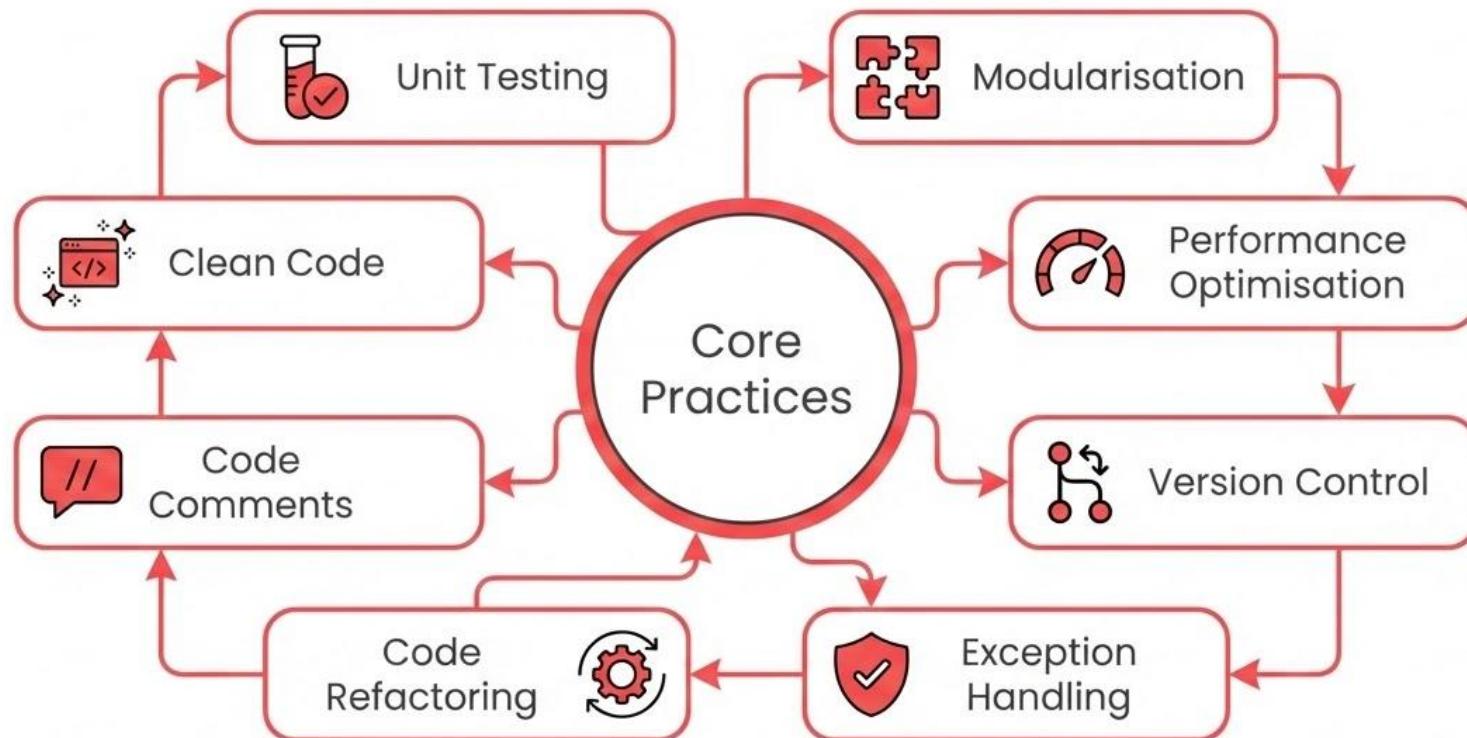
Real time visibility of gym slots in specific area

Customisation options for gym owners to define slots

Engineering Practices

Unit Testing

Modularisation

Clean Code

Performance Optimisation

Core Practices

Code Comments

Version Control

Code Refactoring

Exception Handling

Tech Stack

Core & Build

Java 17

Maven

Development & Data

IDE: Spring Tool Suite (STS) / Visual Studio Code / Eclipse
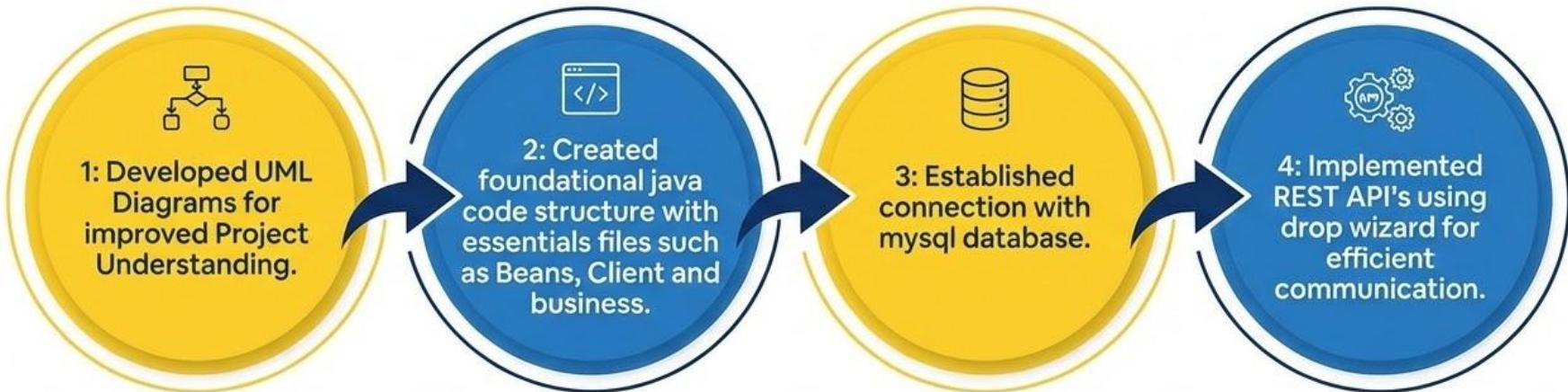
Database: SQL (JDBC implementation)

Documentation & Design
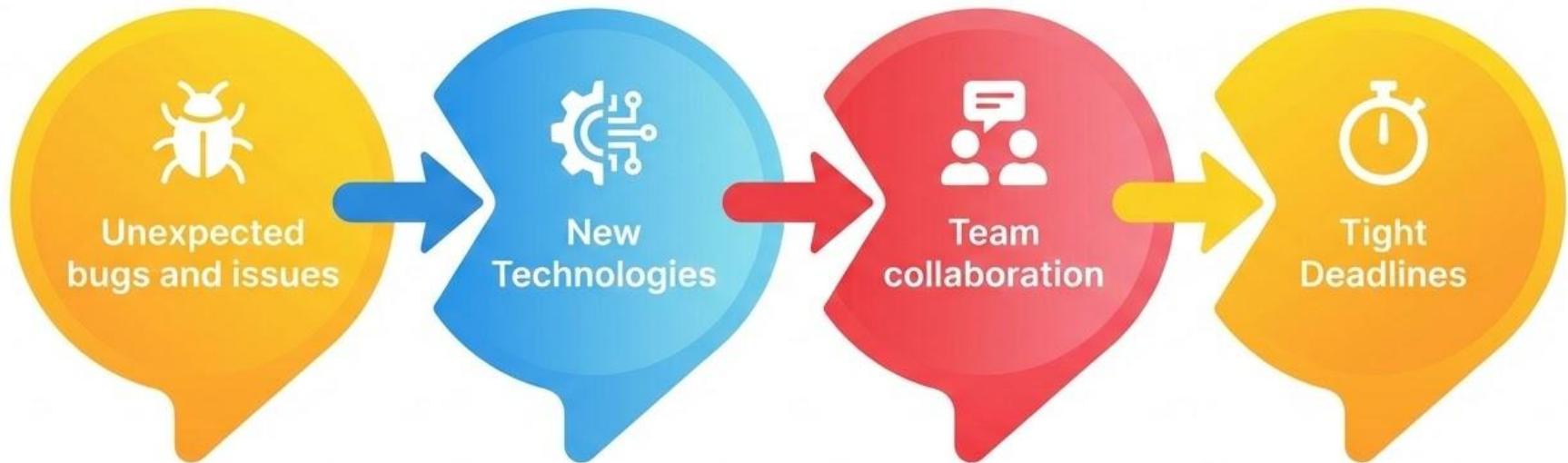
Documentation: UML (StarUML/Draw.io)

How We Proceeded

1: Developed UML Diagrams for improved Project Understanding.

2: Created foundational java code structure with essentials files such as Beans, Client and business.

3: Established connection with mysql database.

4: Implemented REST API's using drop wizard for efficient communication.

Challenges

Unexpected bugs and issues

New Technologies

Team collaboration
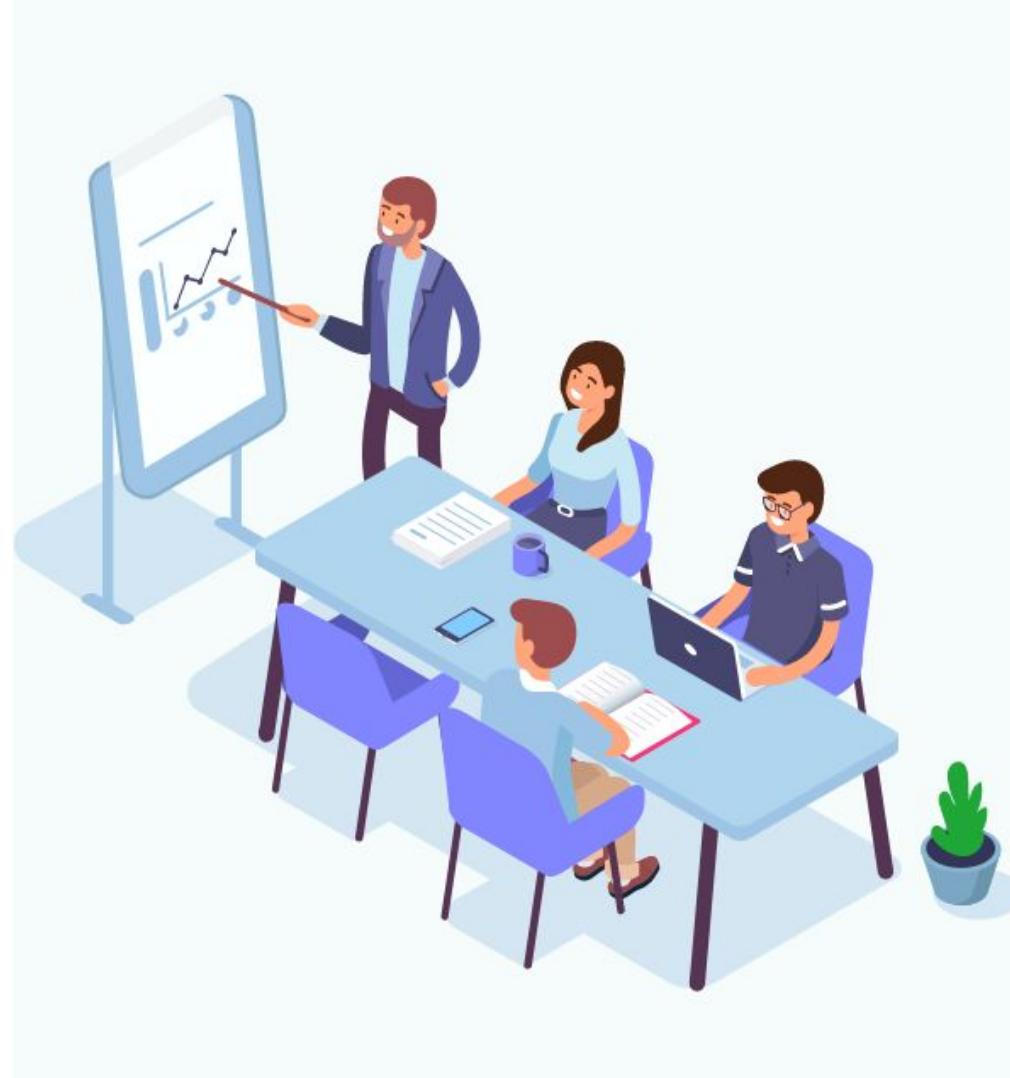
Tight Deadlines

Demo

Questions

Thank you

Github Repo