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# FLIPFIT



EXCUSES DON'T BURN CALORIES :)

Team B - GL (Apreksha)

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# Framework for 1 week

**25  
%**

**Make Daily Targets**

**25  
%**

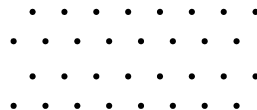
**Learn New Topics &  
Technologies**

**25  
%**

**Resolve Doubts &  
Code Conflicts**

**25  
%**

**Project Progress Discussion &  
Transformation based on UML AND  
Technologies**



# Stakeholders

## Sponsors

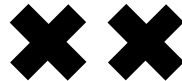
- Flipkart

## SME


- Amit Kumar Balyan

## Trainers

- Ballimpalli Padmaja Purushottam
- Sharath Ramesha




# Team Members



Apreksha  
Mathur

Soumya  
Vaish

Ankita  
Kumari



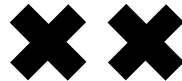
Akhil  
Gupta

Abhishek  
Choudhary



# Roadmap

- **Understanding Project Goals**
- **Decide the Technologies JAVA/REST**
- **Design Thinking**
- **Adapting to a developer Mindset**
- **Project Demo**



# TABLE OF CONTENTS

1

**Problem Statement**

2

**Project Goal**

3

**Engineering practice**

4

**Techstack used**

5

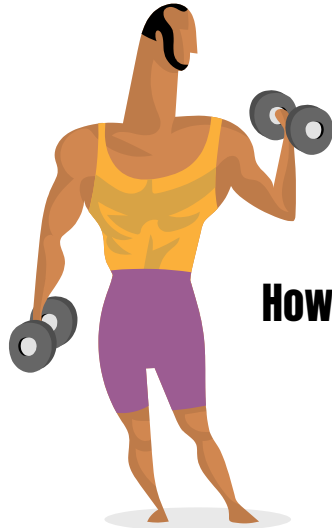
**How we proceeded?**

6

**DEMO**

7

**Challenges Faced**



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# 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.



# Project Goals



**User friendly booking system for gym slots**

**Gym owner registration to facilitate facility setup**

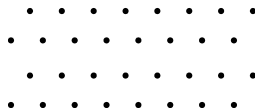


**Real time visibility of gym slots in specific area**

**Customisation options for gym owners to define slots**



**Seat capacity efficiently**







# Good Engineering Practices

**Modularisation**

**Exception  
Handling**

**Version Control**

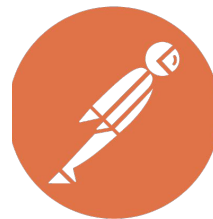
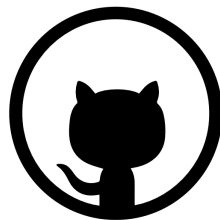
**Performance  
Optimisation**

**Code refactoring**

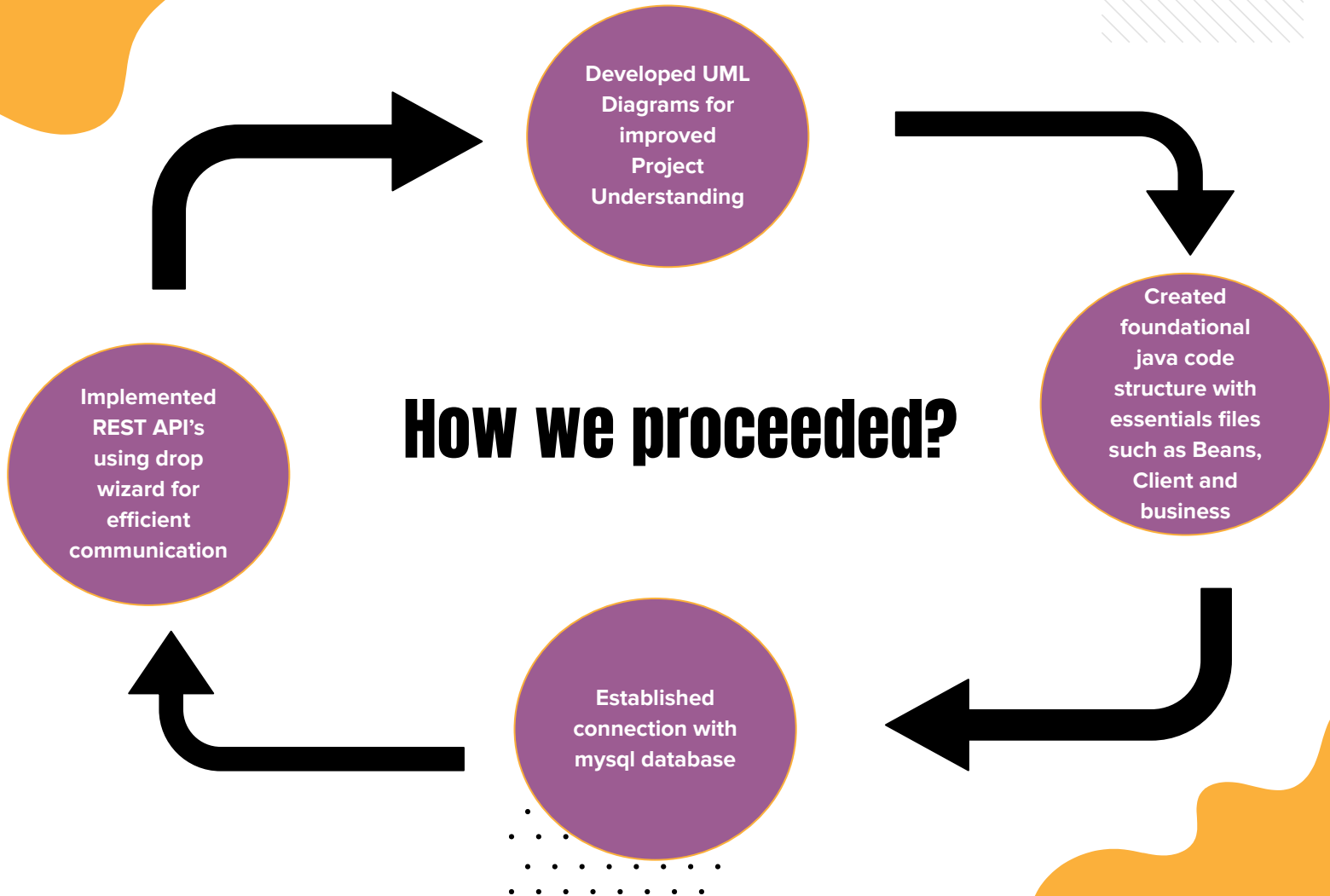
**Code comments**

**Clean Code**

# Tech Stack & Tools



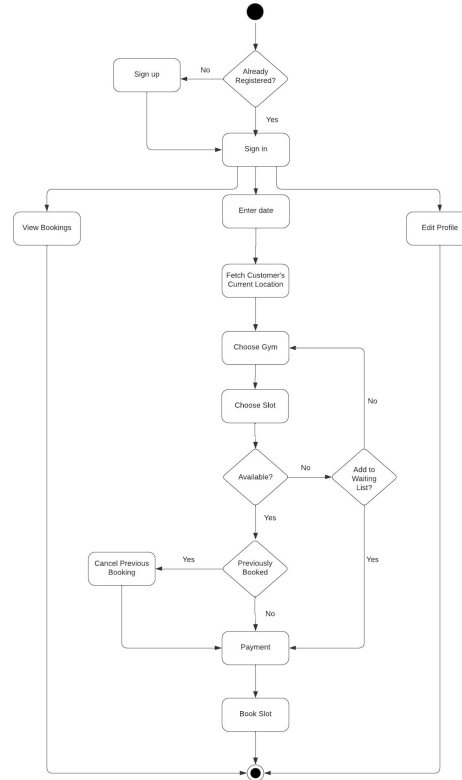
# How we proceeded?



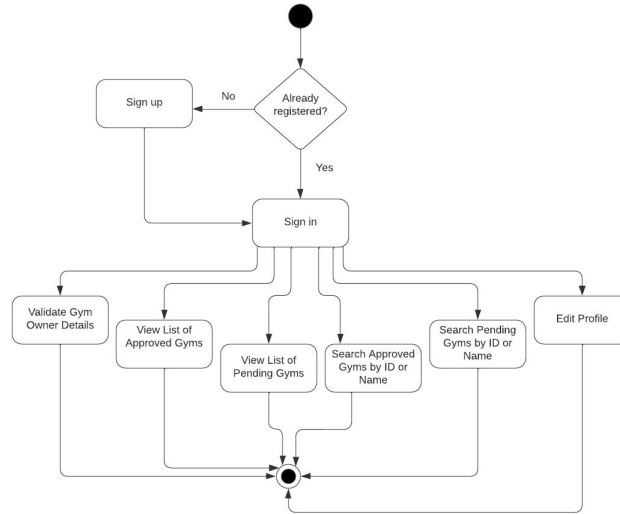


# Code & UML Diagrams

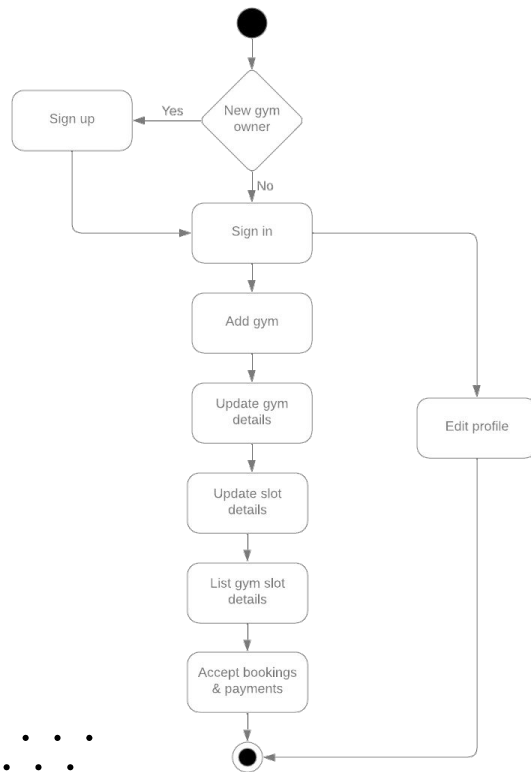
# Customer Activity Diagram



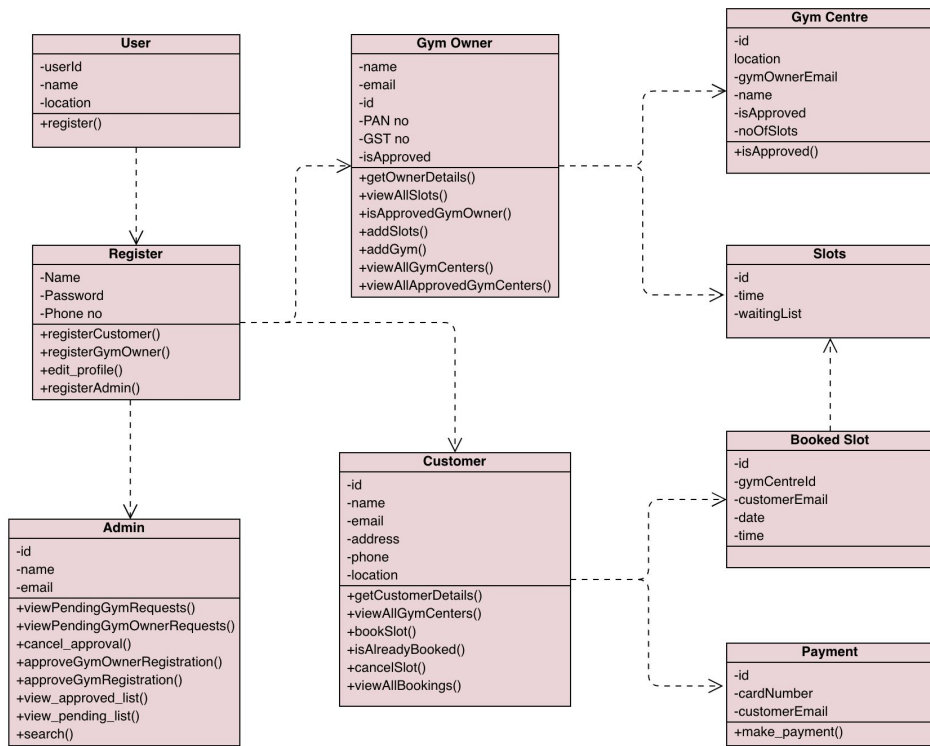
# Admin Activity Diagram



# Gym Owner Activity Diagram

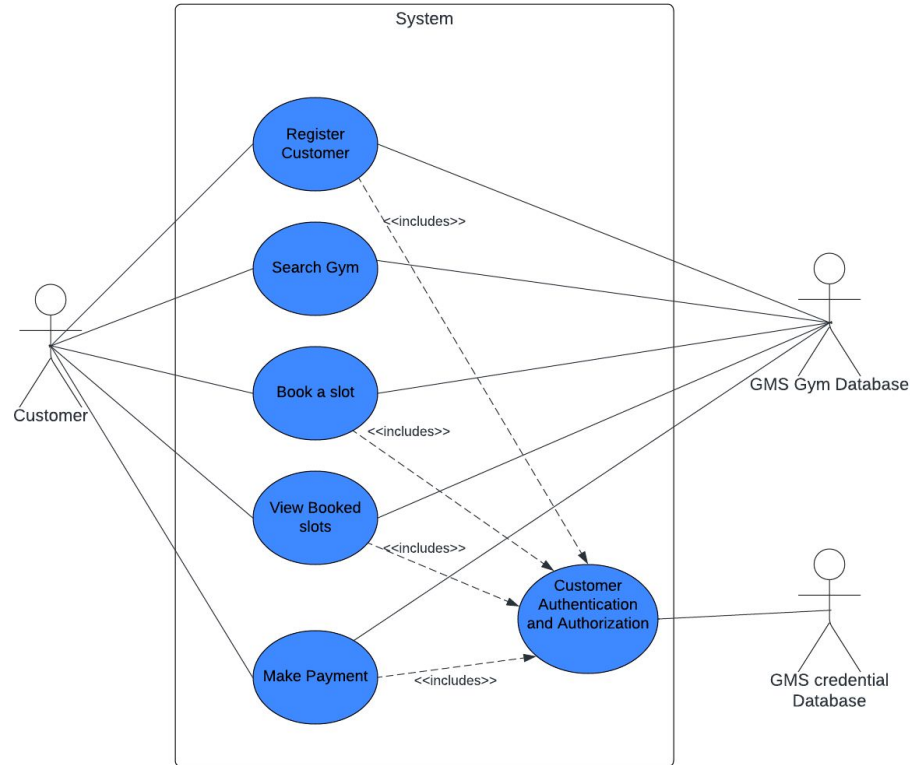


# Class Diagram

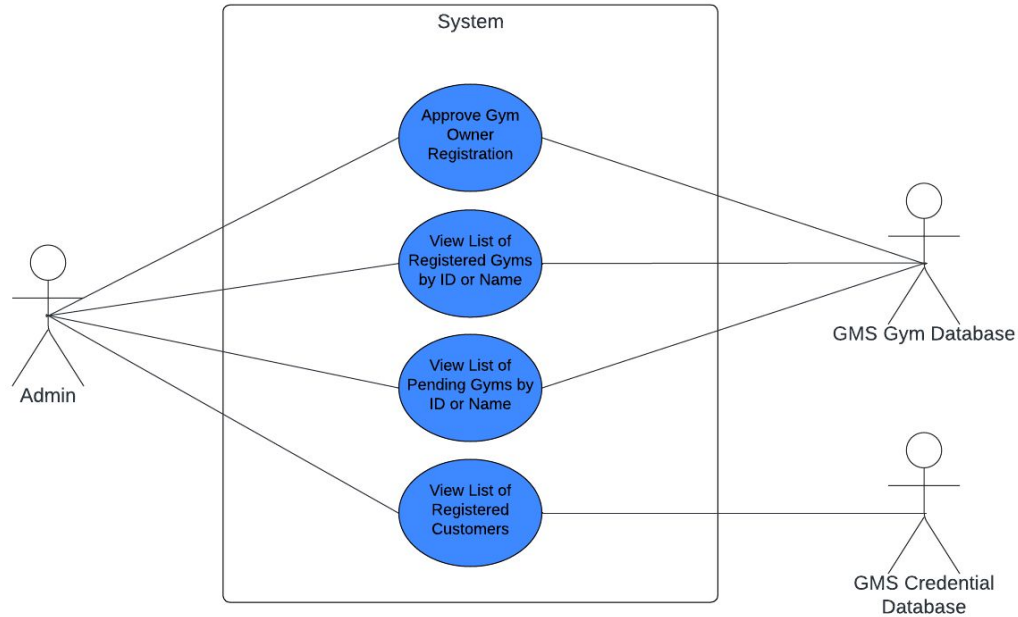




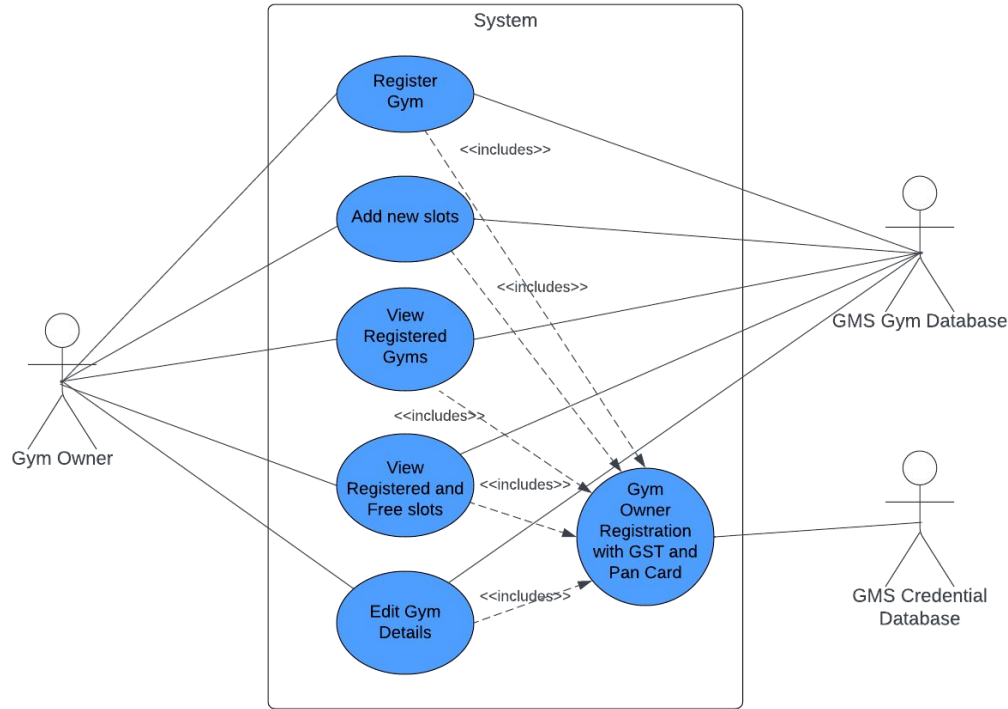
# Customer Use Case Diagram



# Admin Use Case Diagram



# Gym Owner Use Case Diagram



The background is black with several orange abstract shapes. A large, wavy shape is in the top-left corner. A smaller, more complex shape is in the bottom-right corner. In the top-right and bottom-left corners, there are squares filled with white diagonal lines. On the far right edge, there are three parallel orange diagonal lines.

# DEMO



# Challenges



**Unexpected bugs and issues**



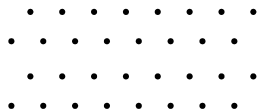
**New Technologies**

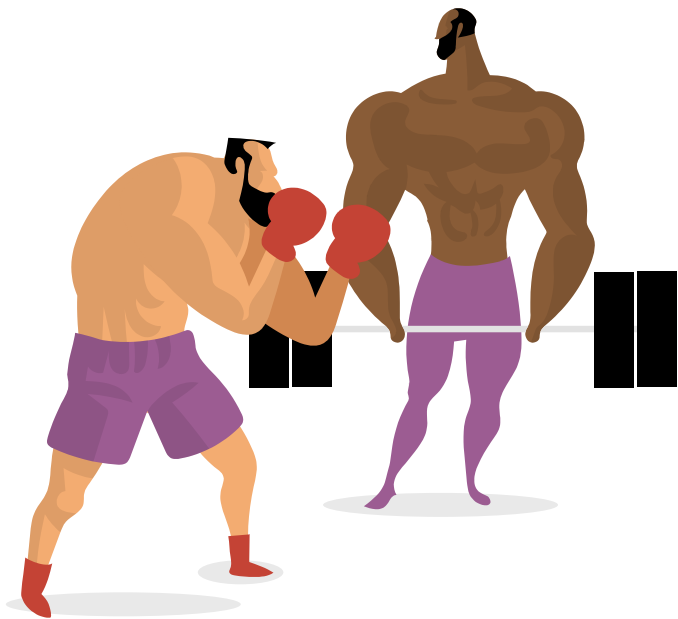


**Team collaboration**



**TIGHT Deadlines**





# THANKS!



# ANY QUESTIONS?

[Github](#)

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