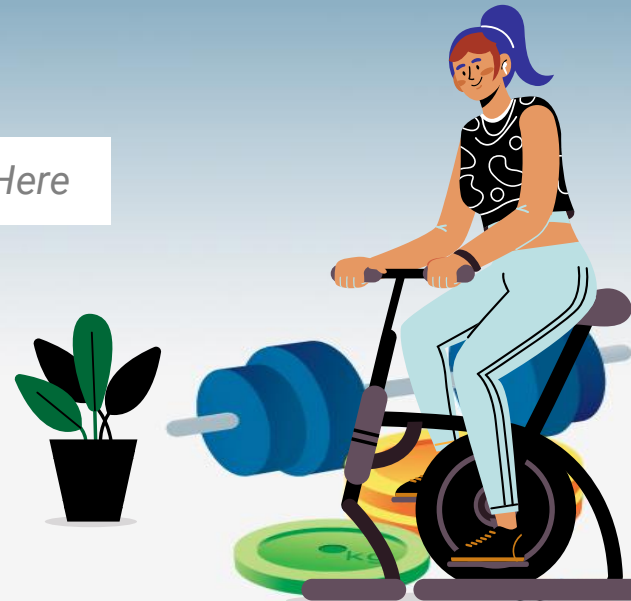




FlipFIT

Your Fitness Journey Starts Here

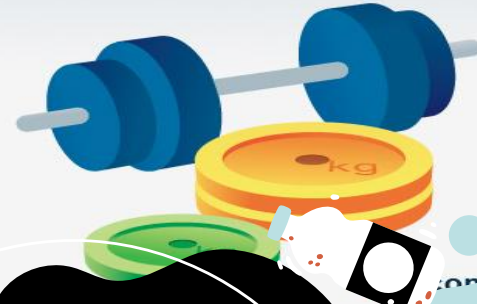




THE ASK - WHERE WE STARTED?

The ask of this project is to expand **Flipkart** into the fitness industry

- ❑ Enhance user convenience
- ❑ Strengthen gym partnerships
- ❑ Streamline slot management
- ❑ Real-time booking capabilities

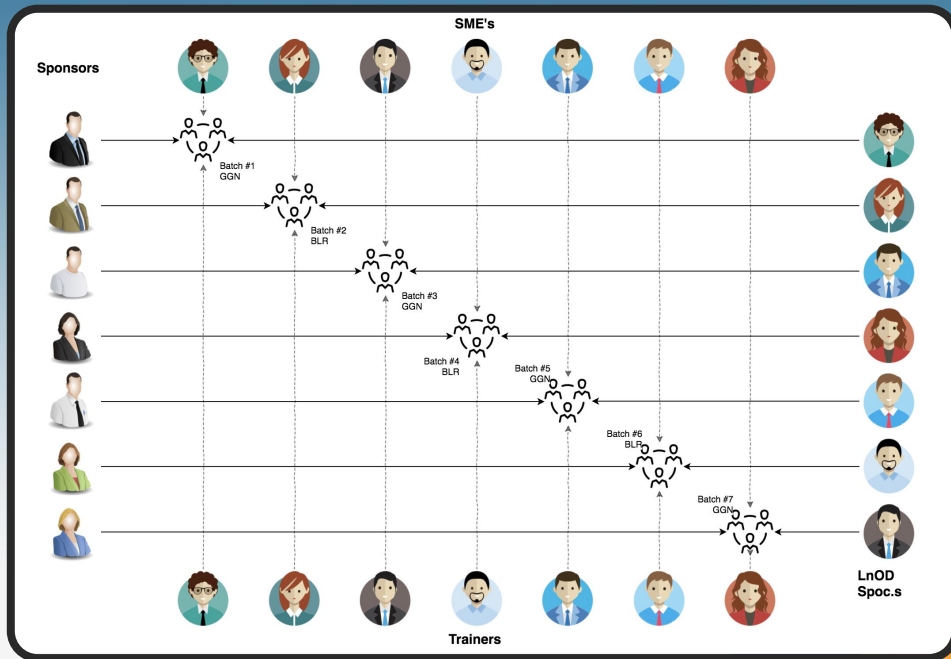


Framework for 6 days

DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
<p>Introduction to UML Artifacts.</p> <p>Created Use Case Diagram, Activity Diagram, Class Diagram</p>	<p>Introduction to Git and GitHub and Installation of Java 17, Git, IntelliJ IDE</p>	<p>Created New Project in Java with Proper Package Structure</p>	<p>Developed the client menu in FlipFit Application</p>	<p>Installation of MySQL and MySQL Workbench and Connected MySQL database with FlipFit Application</p>	<p>Implemented interfaces, custom exceptions, Java 17 features, and created technical documentation for FlipFit POS.</p>

StakeHolders

1. Sponsor
- Flipkart
2. SME's
- Amit Balyan
3. Co-ordinator
-Anushka Khanna



6 DAYS OF TRAINING + PROJECT DEMO



Team Structure

Kanak Ramteke
(Team Leader)

Raj Karan Singh
Chhabra

Vamshi Birru

Sumit Kumar

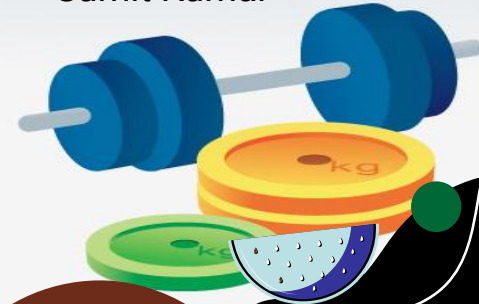
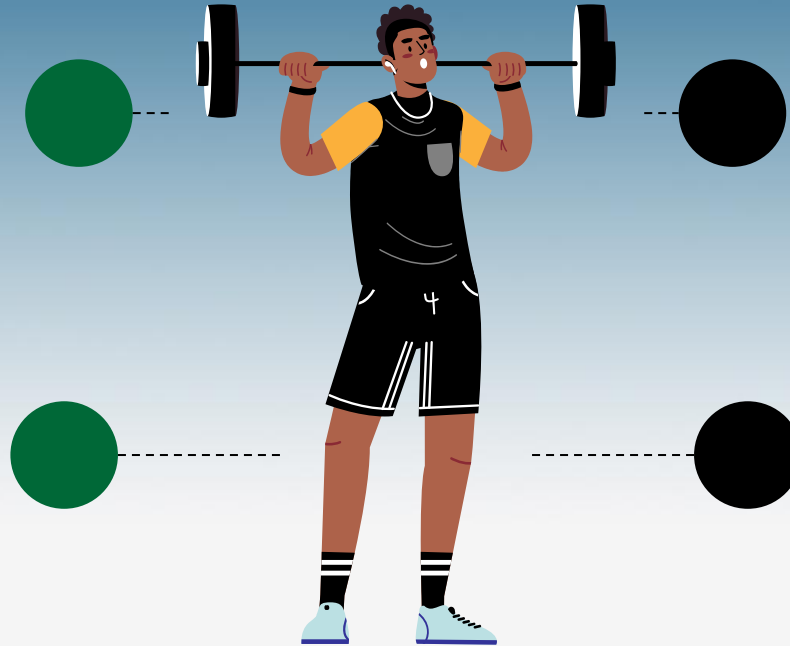


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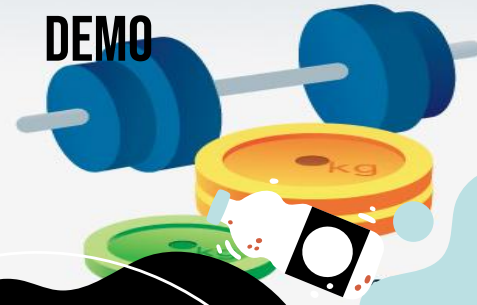
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01

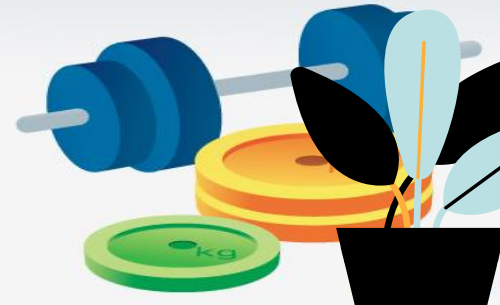
Project Goals





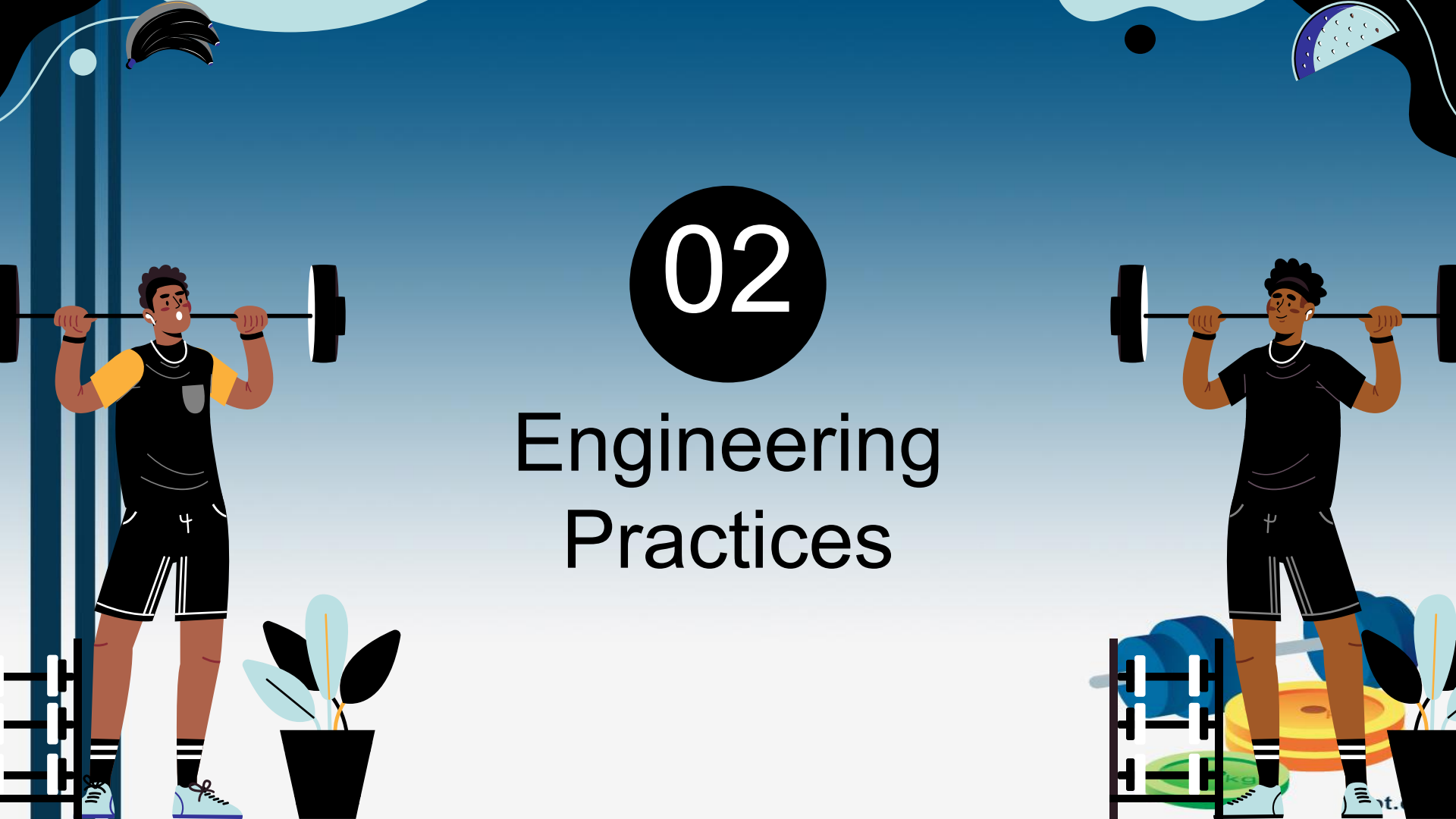
OUR VISION

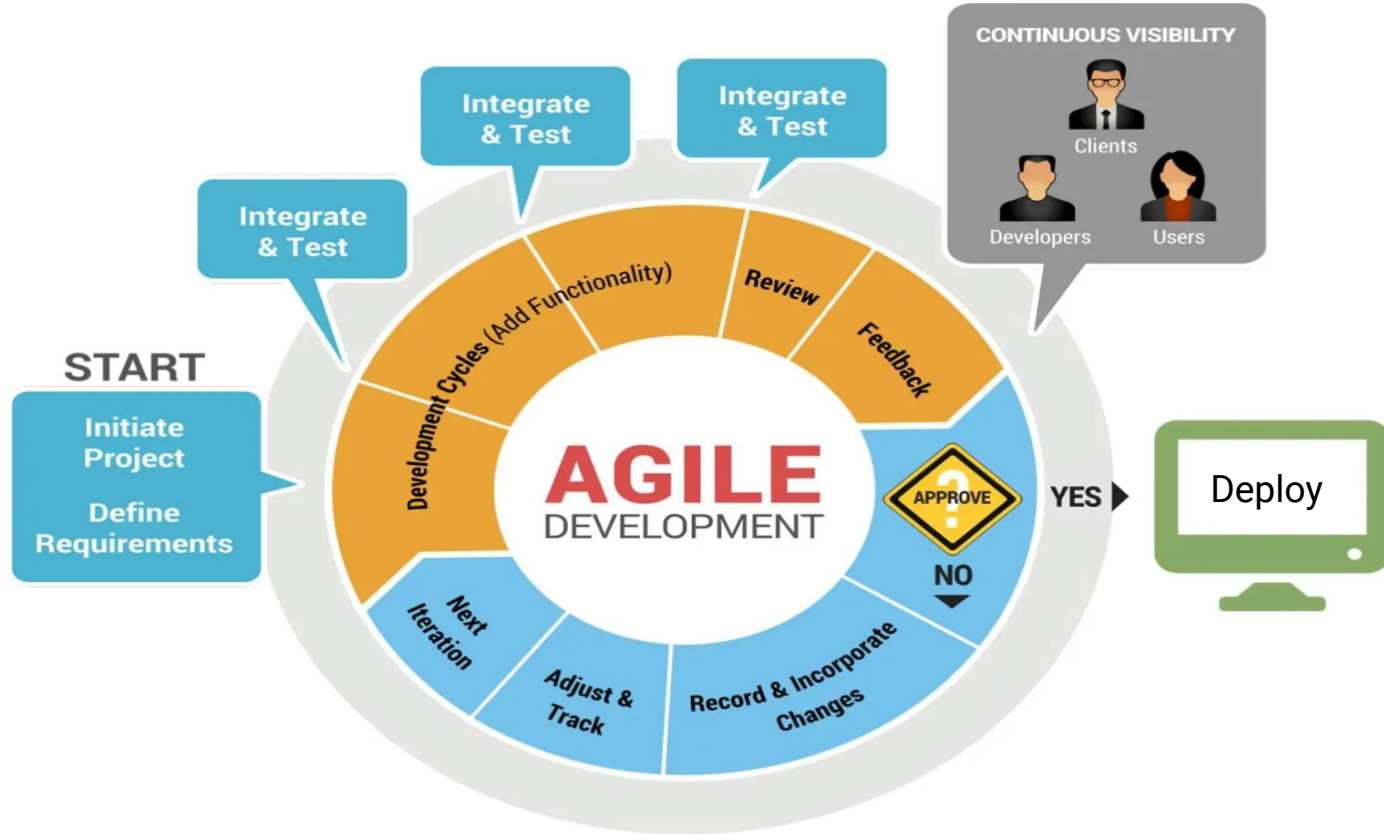
The goal is to create and deploy a **FlipFit Gym application** using Java tools, enabling users to register, check the availability of slots, and book workout sessions at different gym centers across the city and also gym owner can register various gym centers across the city available for user to book.



02

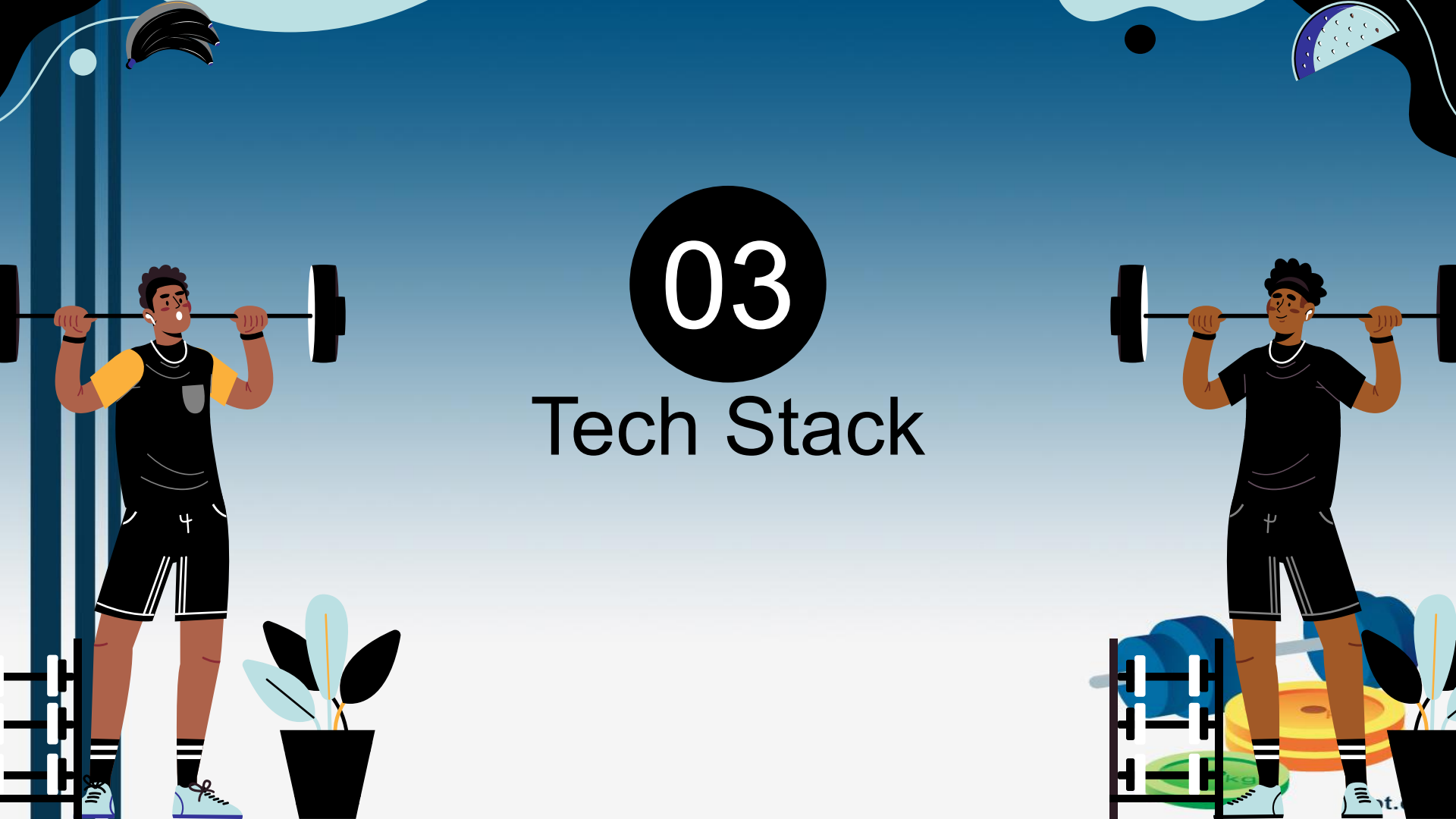
Engineering Practices





03

Tech Stack



BACKEND



DATABASE



SCM



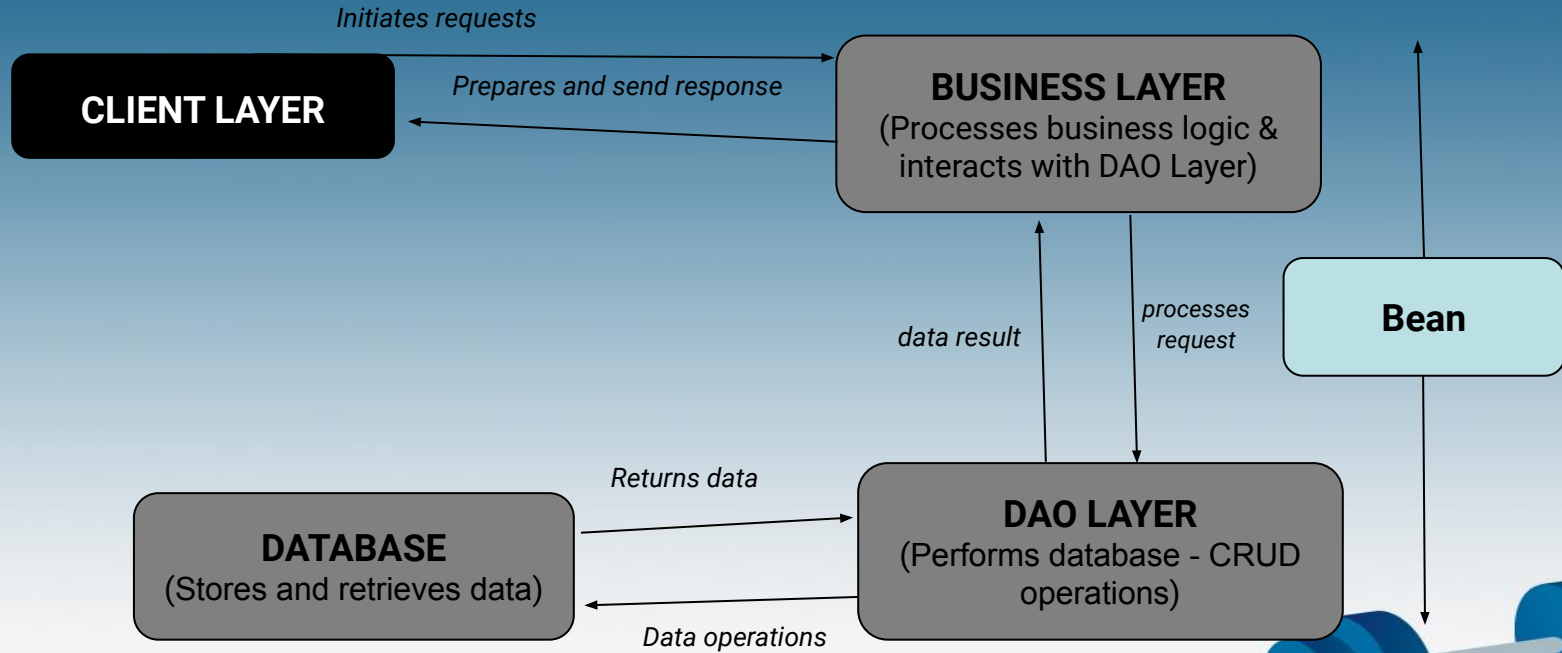
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04

Development





05

Challenges & Learnings



Challenges

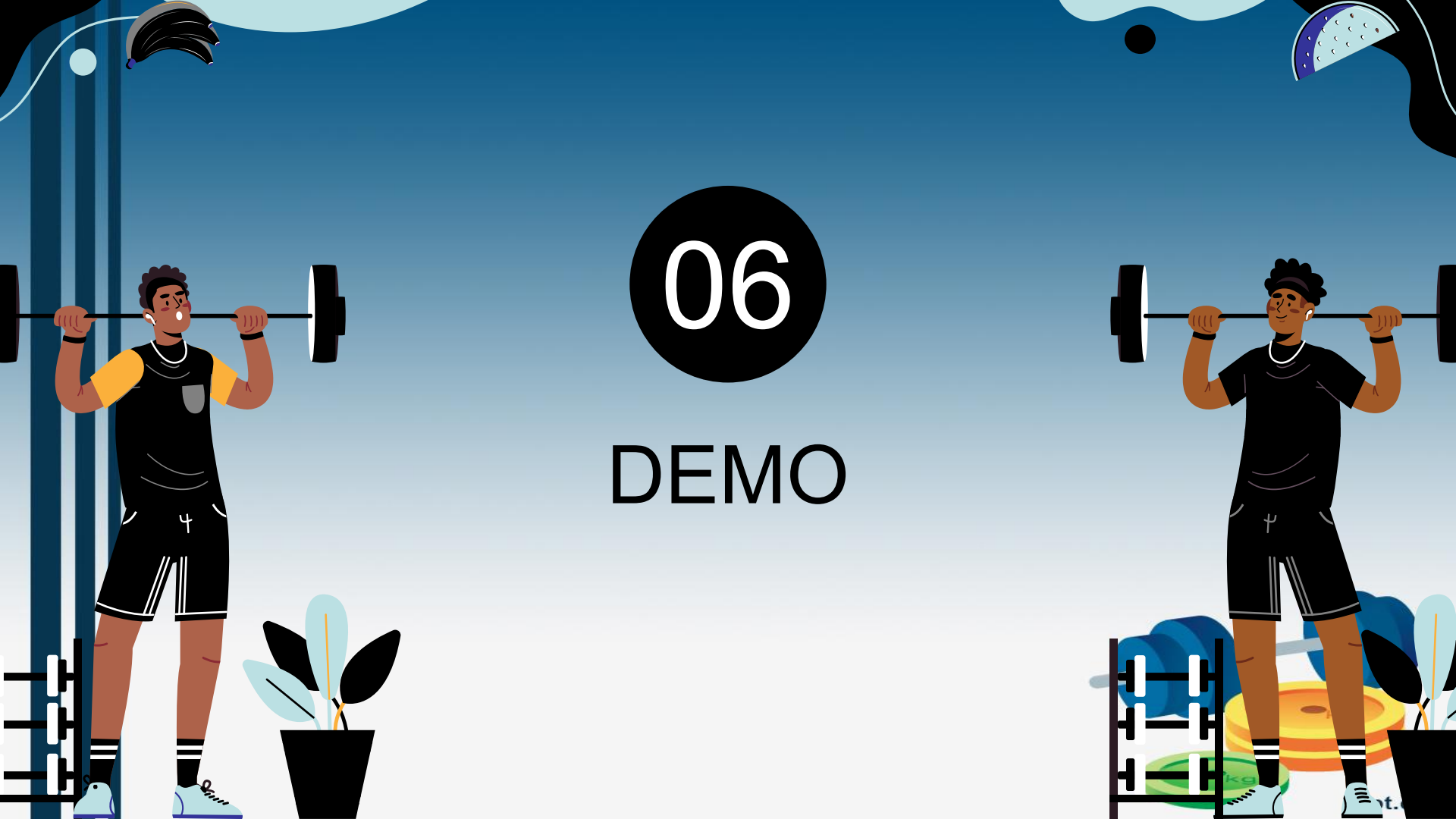
- **SQL Workbench Setup:** Overcame initial setup challenges and mastered schema design.
- **DAO & Business Logic:** Ensured efficient DAO operations and robust business logic.
- **Defining primary and secondary actors in use case diagram:** Did brainstorming to define the primary and secondary actors as well as the use cases.

Learnings

- **Tech Stack Proficiency:** Mastered Git commands, Java, MySQL.
- **Best Practices:** Adopted Agile methods and rigorous code reviews.
- **Troubleshooting:** Developed strong debugging and problem-solving skills.
- **Teamwork:** Fostered collaboration through regular communication.

06

DEMO





THANK YOU!

Do you have any questions?

