



FLIPFIT



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

TIMELINE

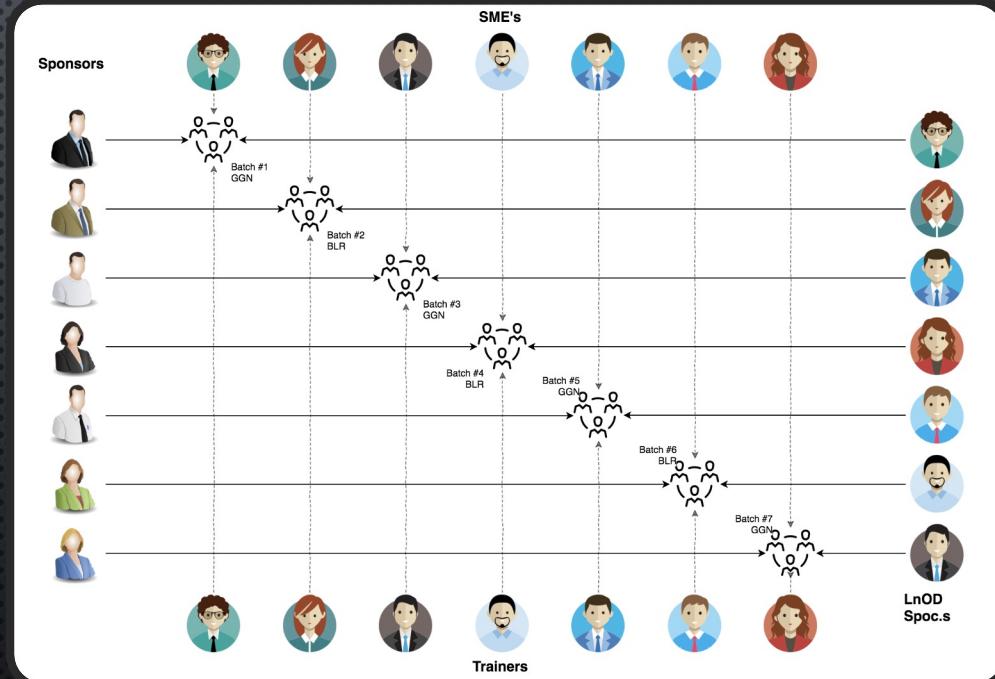
DAY 1	DAY 2	DAY 3	DAY 4	DAY 5	DAY 6
Introduction to UML Artifacts	Introduction to Git and GitHub	Classes vs Interfaces & I/O in Java	Database Schema Design & DAO Layer Implementation	JDBC, Exception Handling & Validator	Dropwizard Framework

STAKEHOLDERS

1. SPONSOR
- FLIPKART

2. SME's
- AMIT BALYAN

3. CO-ORDINATORS
-ANUSHKA KHANNA
-SHARATH RAMESHA



HOW IT WENT DOWN



TEAM STRUCTURE

Sonu Deo
(Team Leader)

Amritdeep
Singh

Alok Ranjan

Vaidic
Maheshwari

Varun
Shrivastava

Akshat Mittal

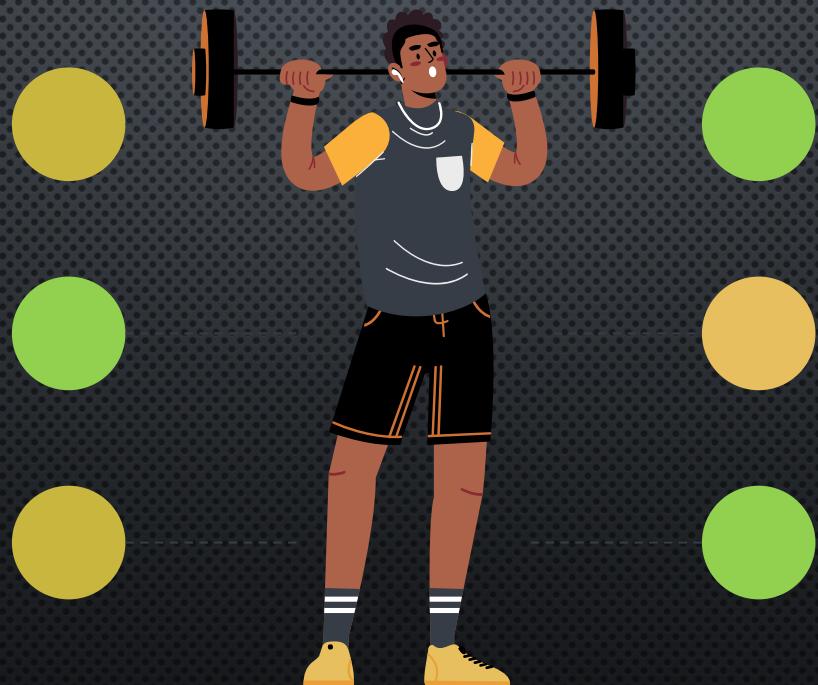


TABLE OF CONTENTS

01

PROJECT GOALS

02

ENGINEERING PRACTICES

03

TECH STACK

04

DEVELOPMENT

05

CHALLENGES & LEARNINGS

06

DEMO

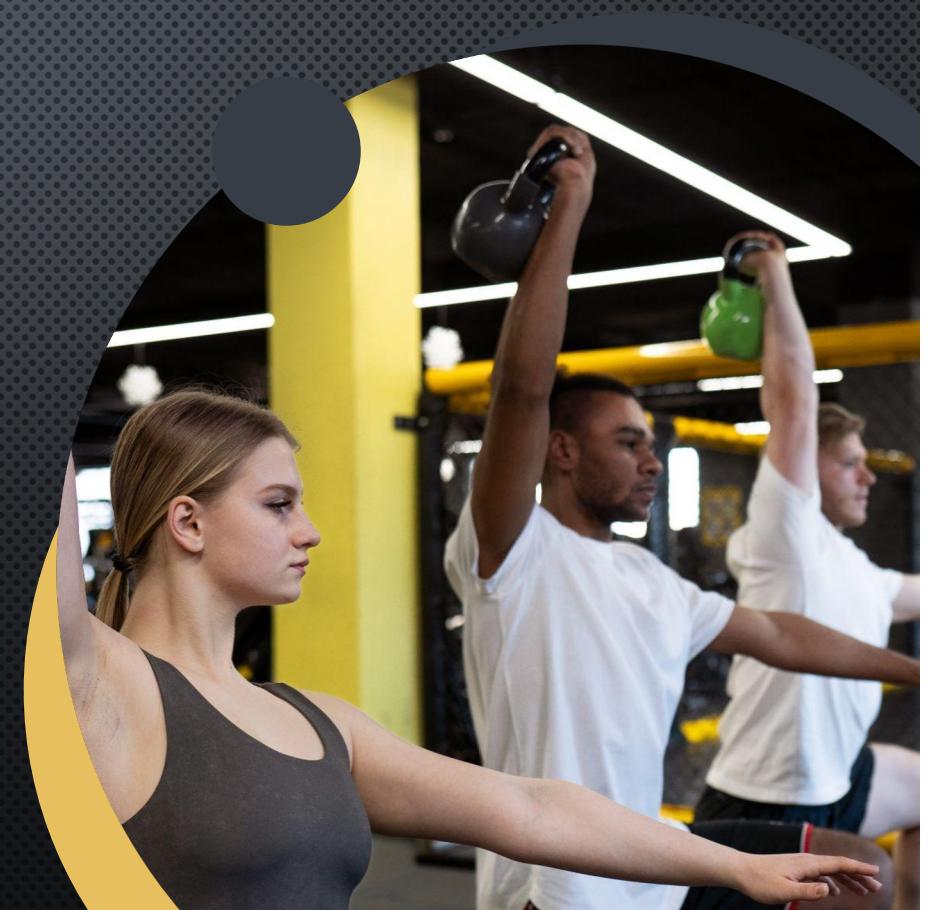
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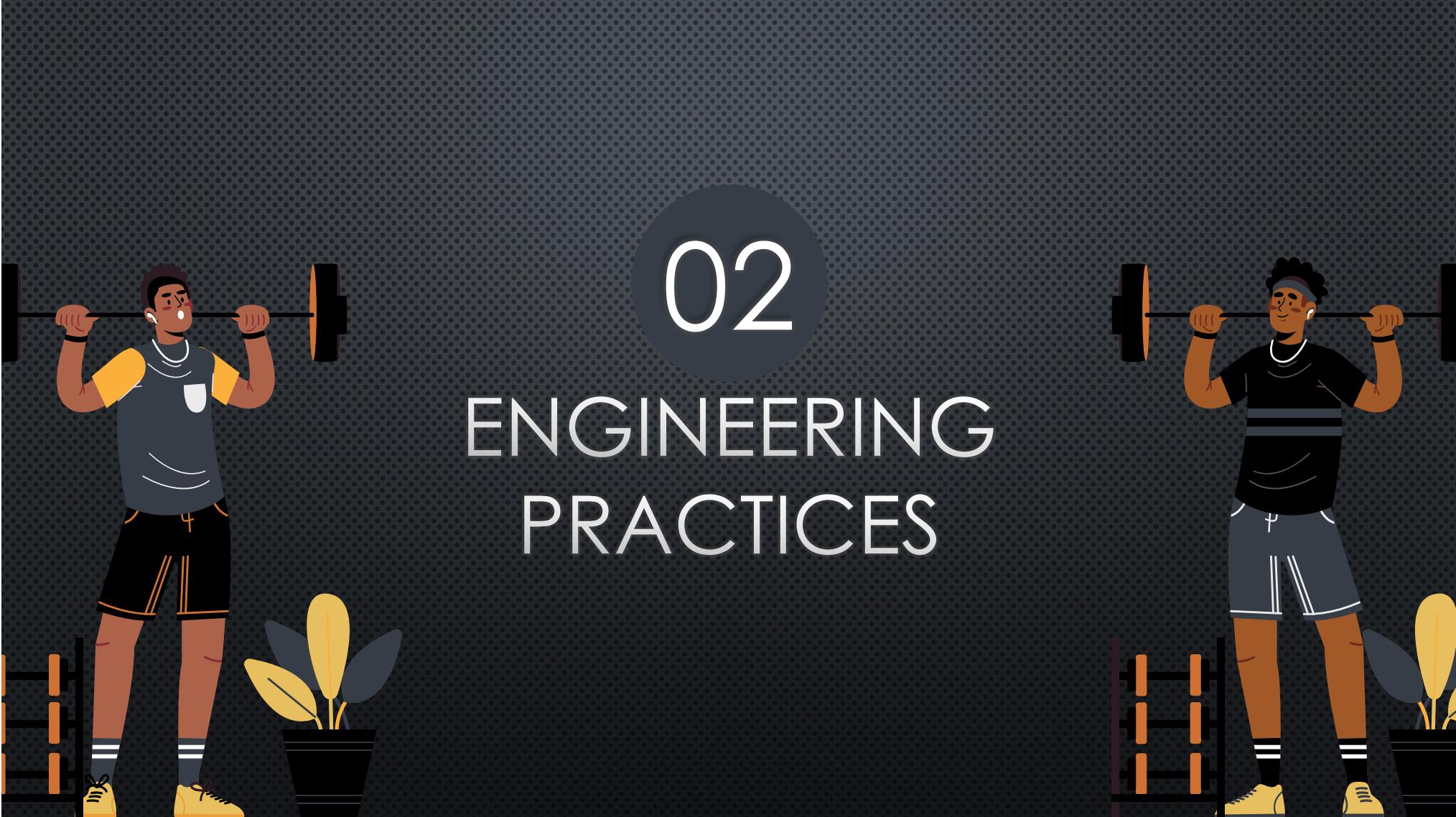
PROJECT GOALS



OUR VISION

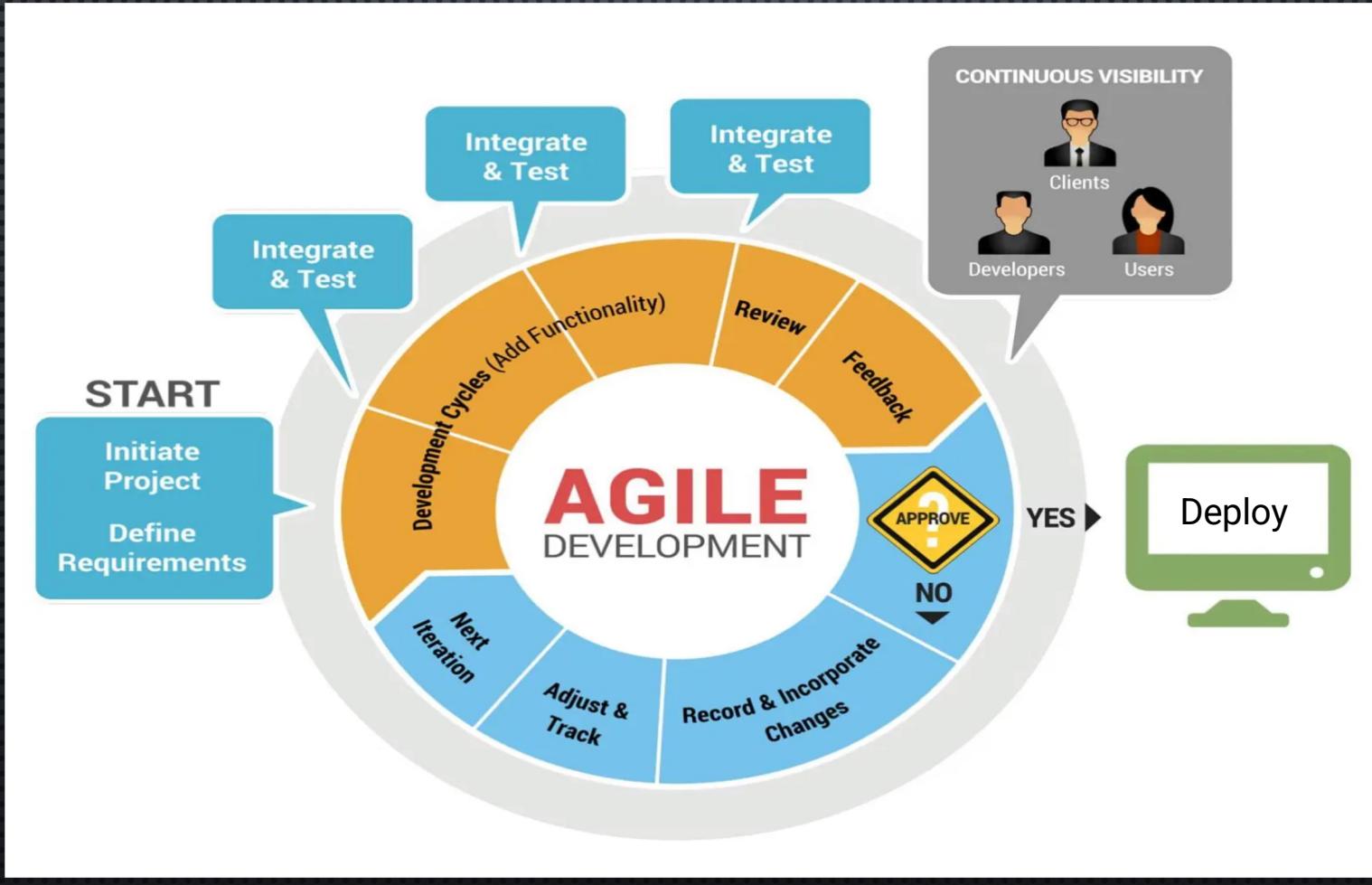
THE GOAL IS TO CREATE AND DEPLOY A **FLIPFIT GYM APPLICATION** USING JAVA TOOLS, ENABLING USERS TO REGISTER, CHECK THE AVAILABILITY OF SLOTS, AND BOOK WORKOUT SESSIONS AT DIFFERENT GYM CENTERS ACROSS BANGALORE.





02

ENGINEERING PRACTICES





03

TECH STACK

BACKEND



SCM



DATABASE

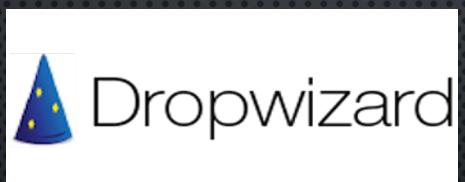


API TESTING



POSTMAN

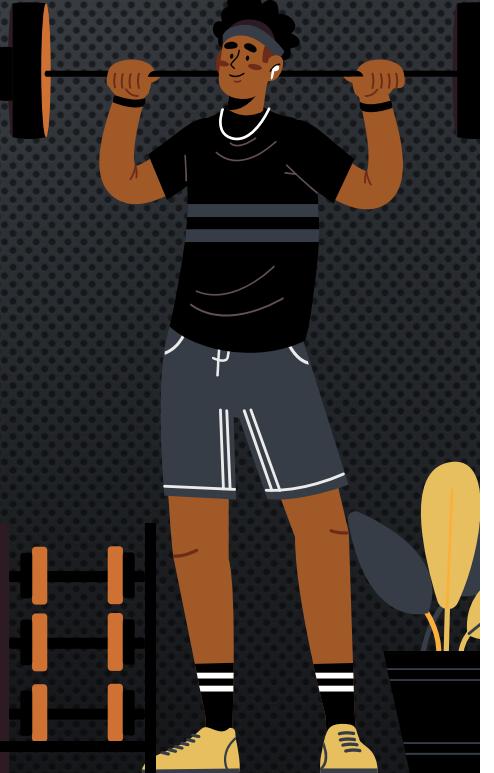
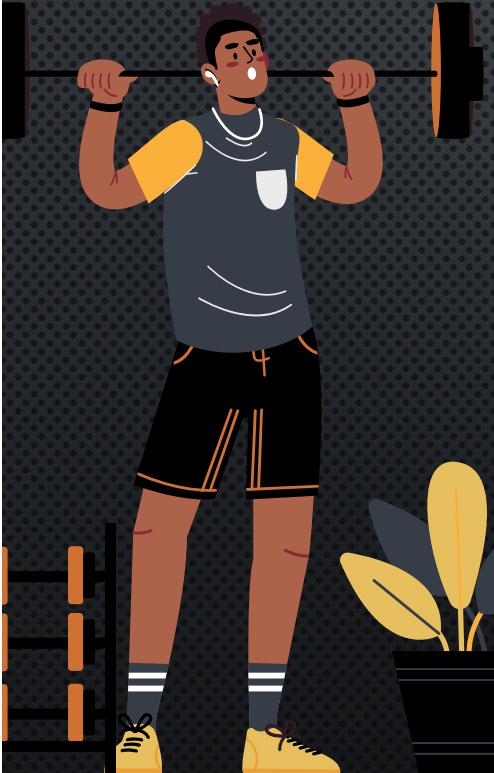
FRAMEWORK



Maven

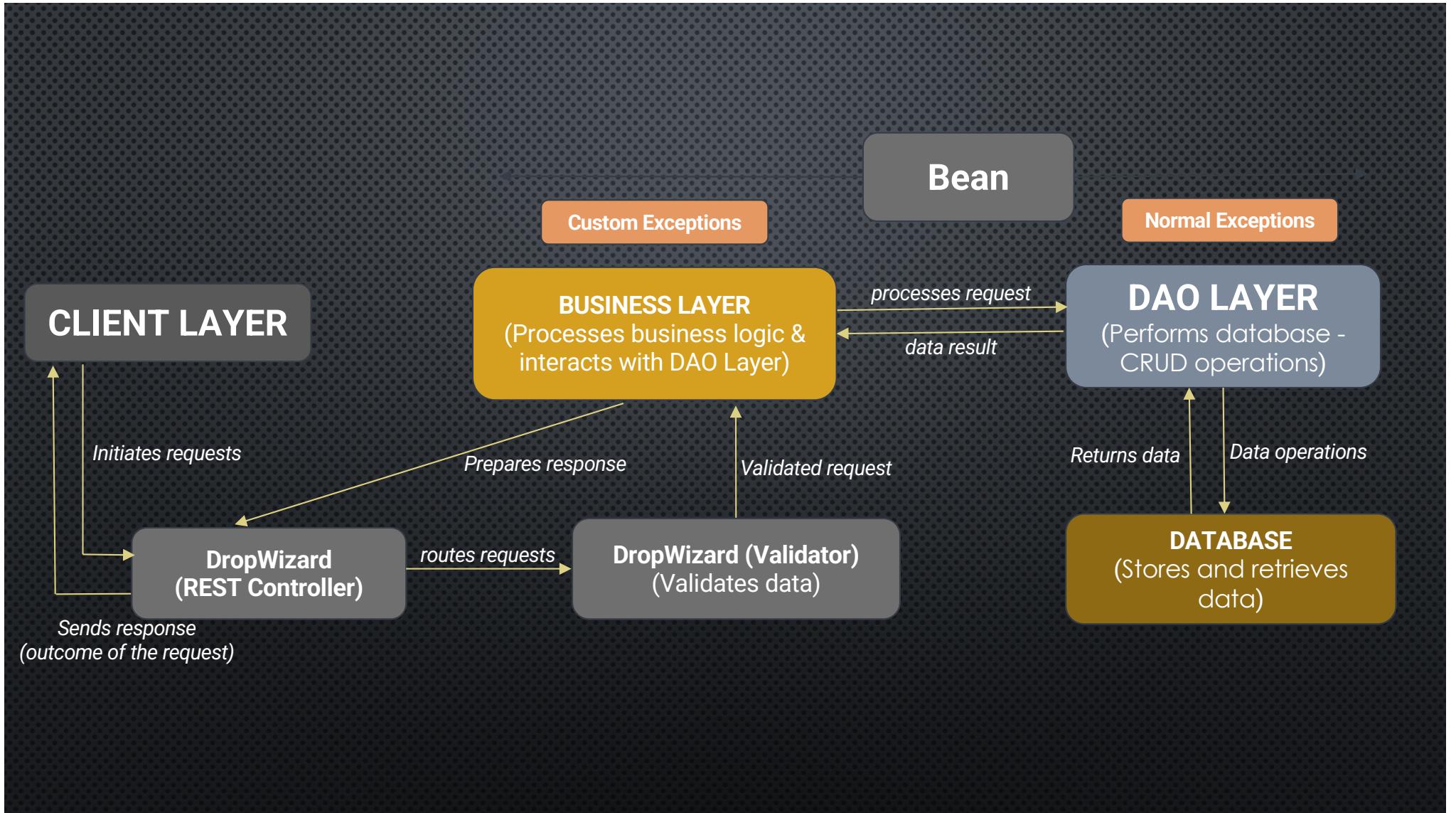
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04

DEVELOPMENT





05 CHALLENGES AND LEARNINGS

Challenges

- **SQL Workbench Setup:** Overcame initial setup challenges and mastered schema design.
- **DAO & Business Logic:** Ensured efficient DAO operations and robust business logic.
- **Dropwizard Integration:** Struggled with learning and integrating Dropwizard.

Learnings

- **Tech Stack Proficiency:** Mastered Git, Java, MySQL, Dropwizard, Postman. etc
- **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



THANKS :-)