



FLIP FIT



Gym Management System

Group C

Framework for 5 days

- 1 week plan
- Daily discussions covering various topics, technologies, and doubt resolution
- Interactive discussion and collaborative brainstorming sessions with SME/Trainer to facilitate project progress and drive transformation, based on UMLs and technologies

Skateholders

1. Sponsors

- Flipkart

2. SME

- Amit Balyan

3. Trainers

- Sharatha Ramesh

- Heena Bansal

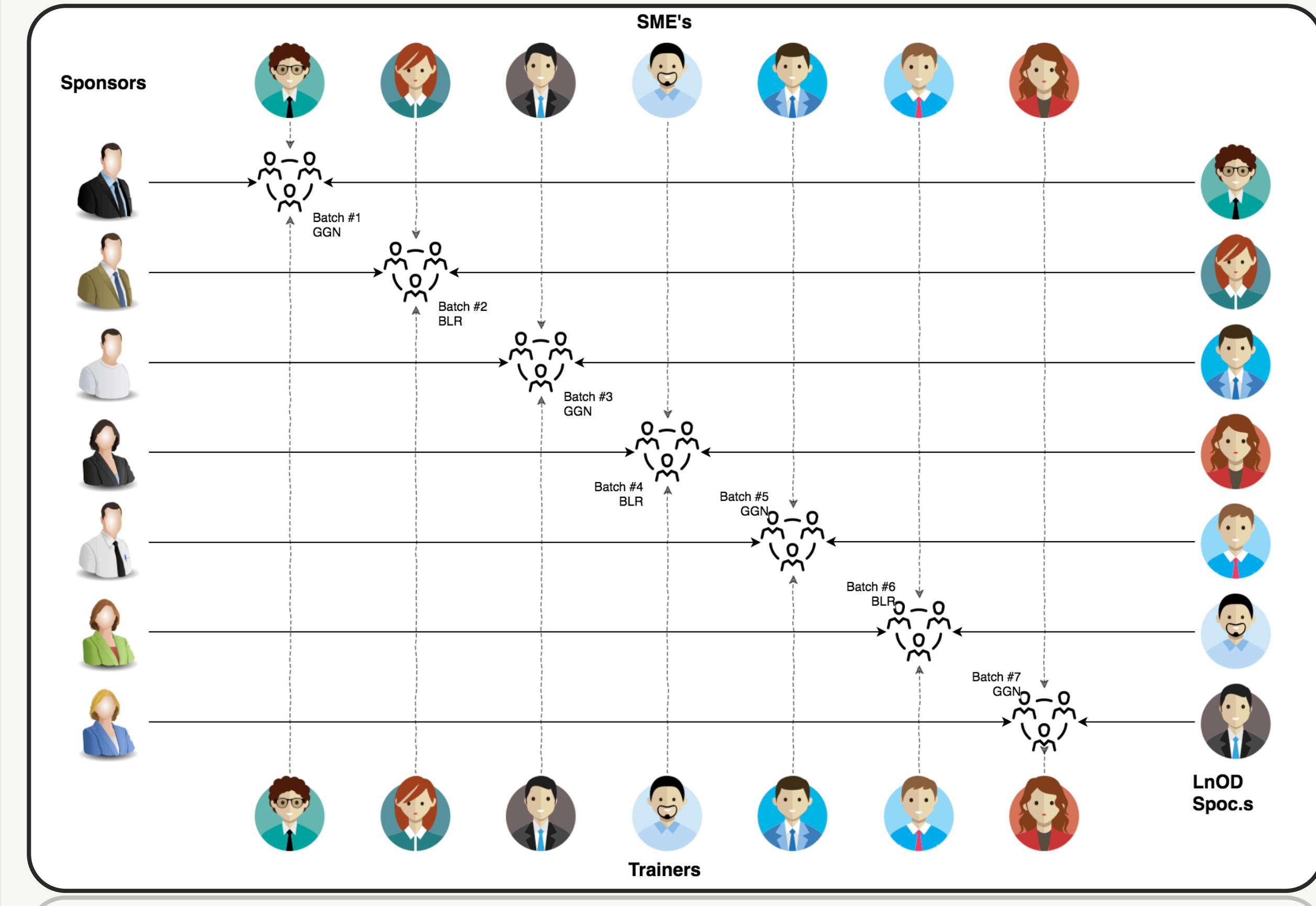
- Priyanka

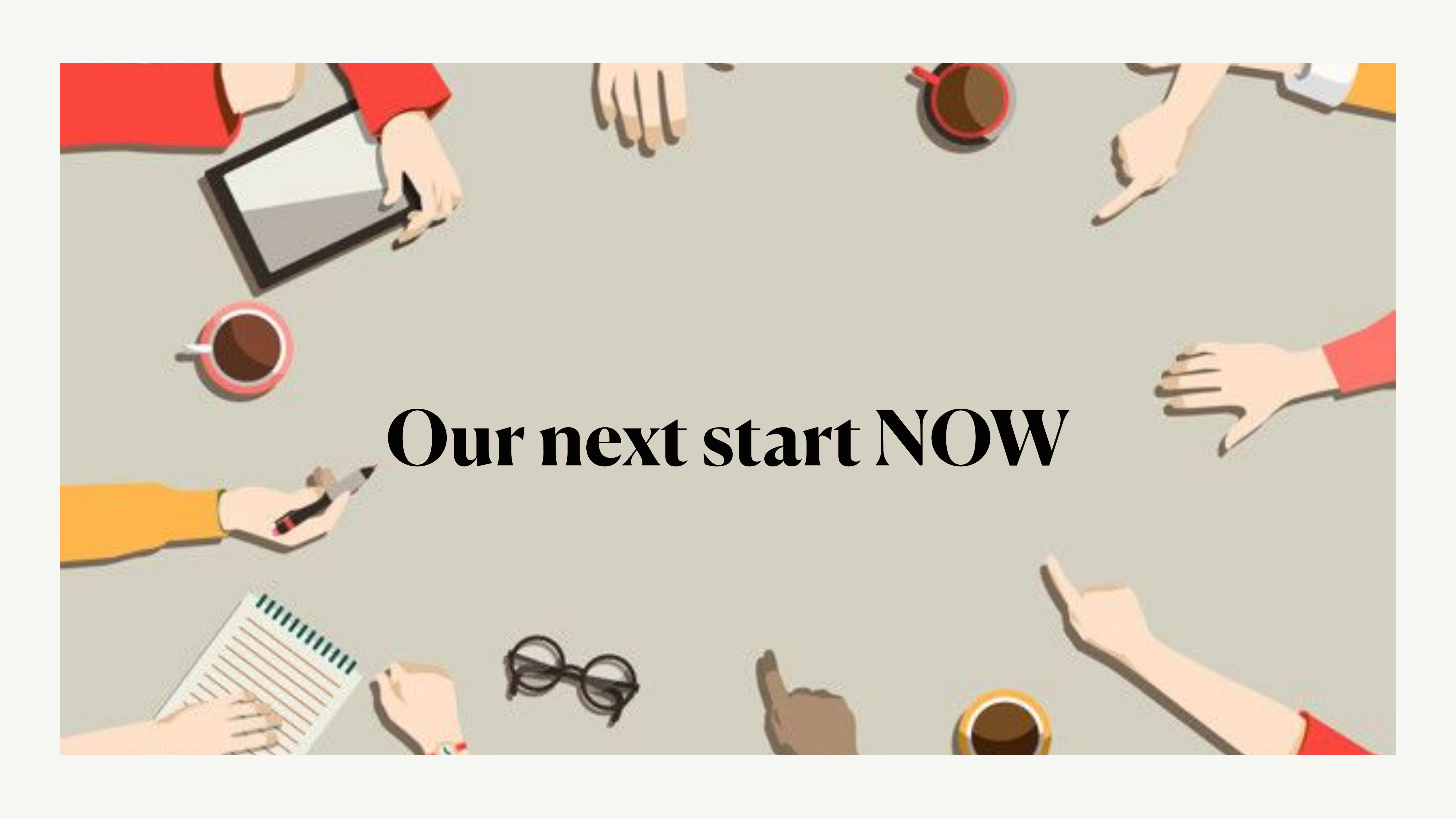
- Ram

- Yashpal

- Manan

- Taveesh





Our next start NOW

3 WEEKS OF TRAINING + PROJECT DEMO

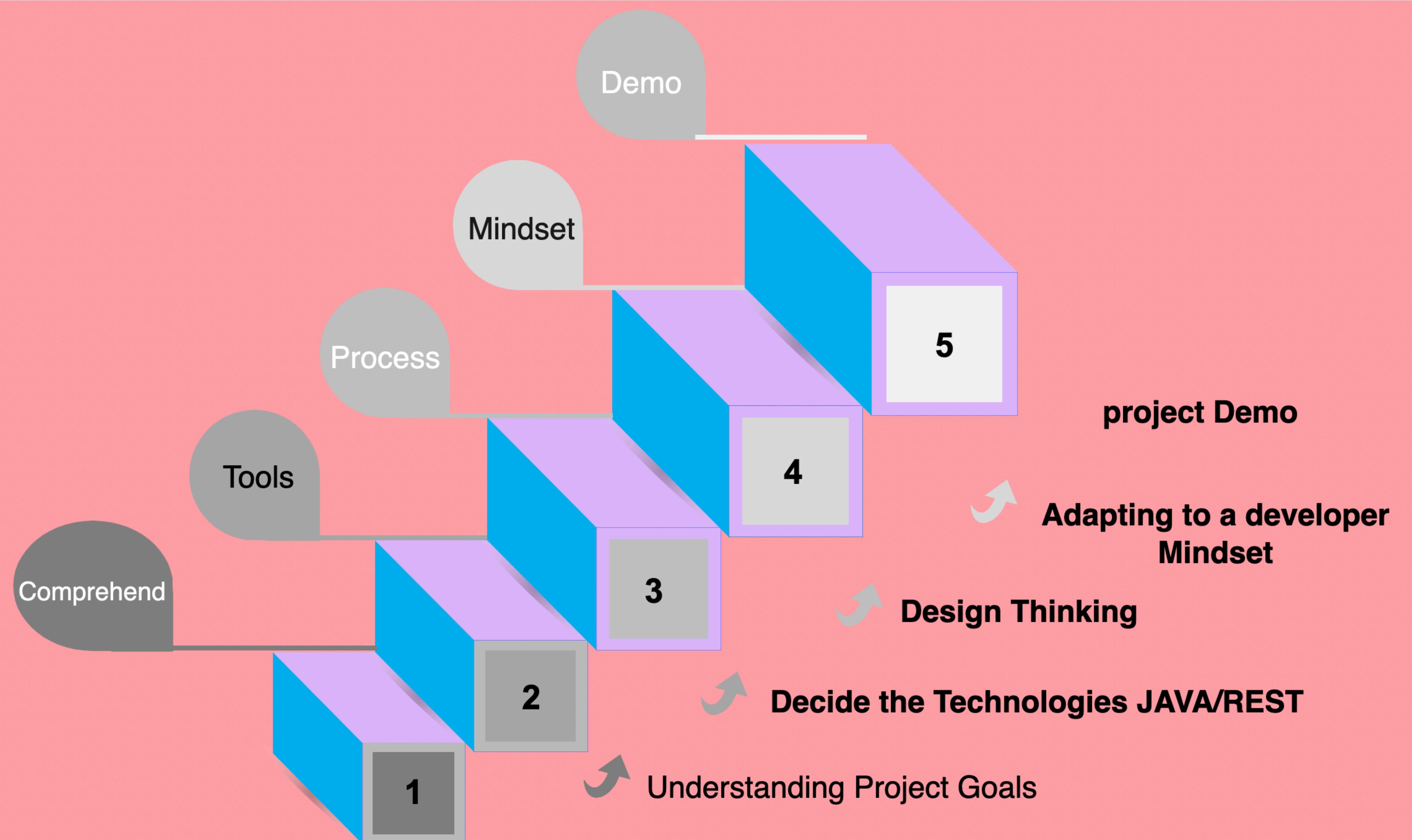


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Our Journey





Our Team



Our Team



Moushmi Rani



Rahul S

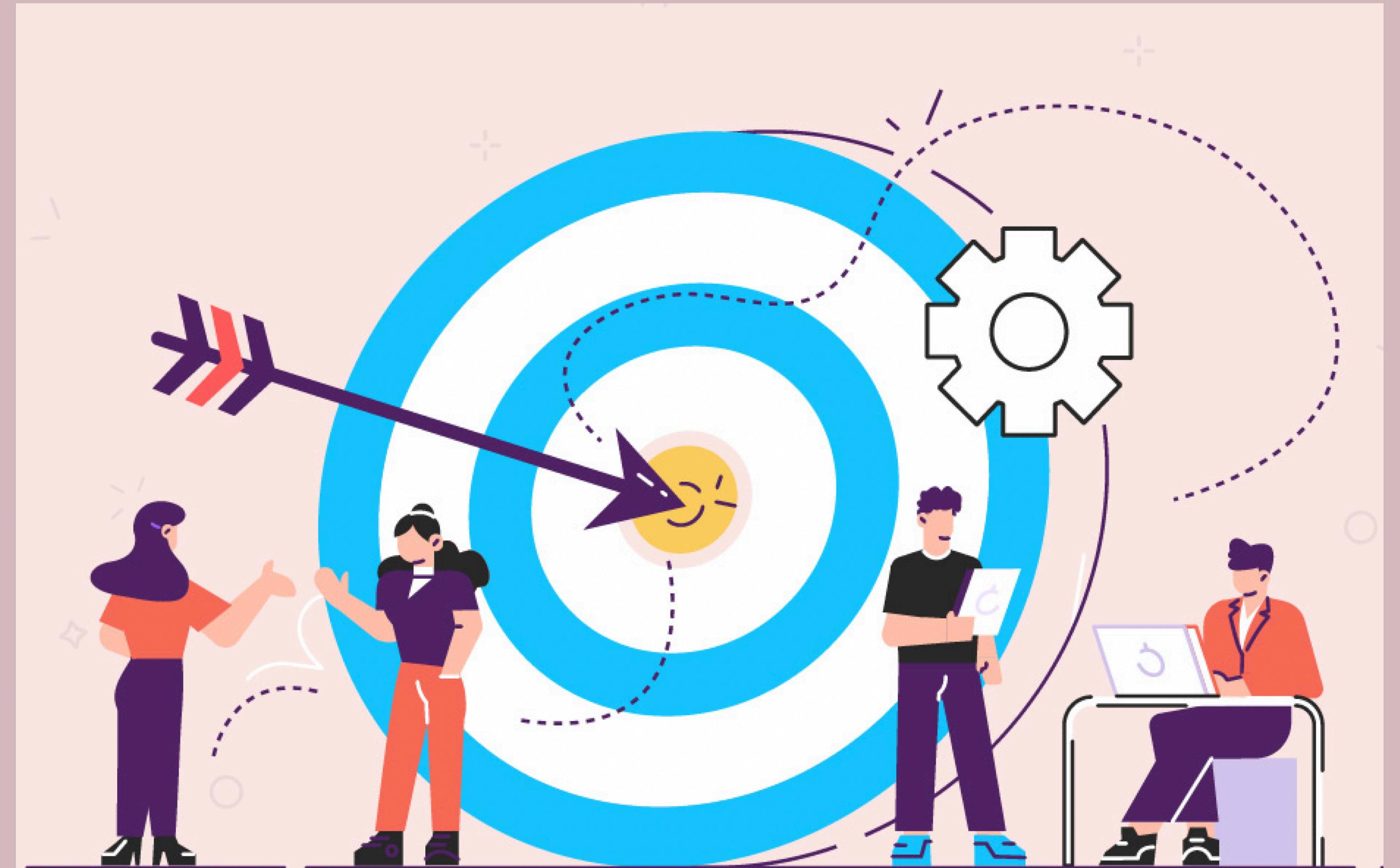


Ayush Verma



Naman Singh

Project Goal



Our Vision

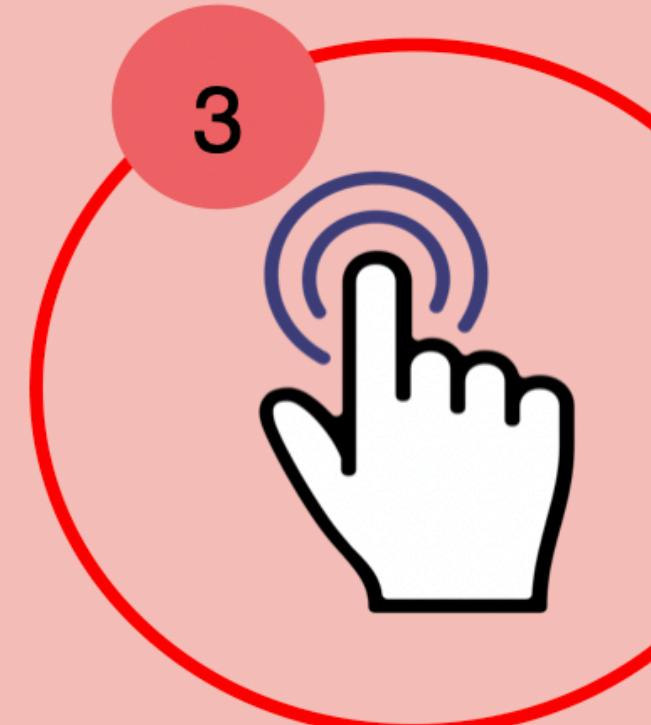
To design a **Gym Management System (FLIPFIT)** using full stack development and technologies, where the gym owner can enlist their gym centres and customer can view the gyms and book slots.



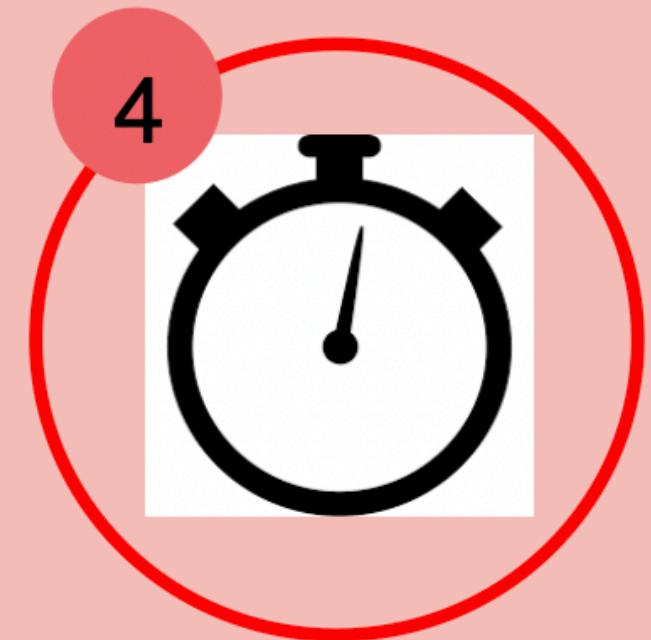
Quality



Security



Interactivity



Speed

Engineering Practices



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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. For the Beta launch the requirements are as follows:

- There are multiple centers in Bangalore.
- Each center has **n slots of an hour each**. For eg the Bellandur center has only 6 slots - 3 in the morning of **an hour each** from **6 am to 9 am** and similarly 3 in the evening from **6 pm to 9 pm**.
- The number of seats at each time-slot for a given center is fixed.
- For simplicity's sake you can assume that the slot info will be entered by the Admin only once.
- User can perform the following operations:
- Register onto the platform
- View the gym's availability/unavailability for a particular day and slot at a center
- Book a workout for a user if seats are available in that time slot at that center

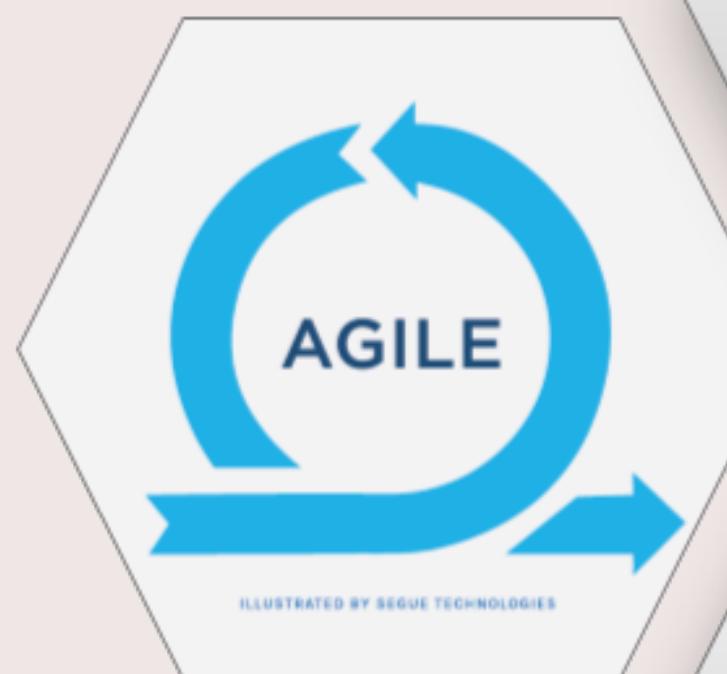
User stories:

1. View all centers will details for a given city
2. Successfully book a slot by a user in a center in a particular slot
3. If user books another gym in the same slot, the old booking should be removed
4. If a user books a slot which is already booked by another user, an error should be shown
5. Ensure that there is no scenario where we are over booking.



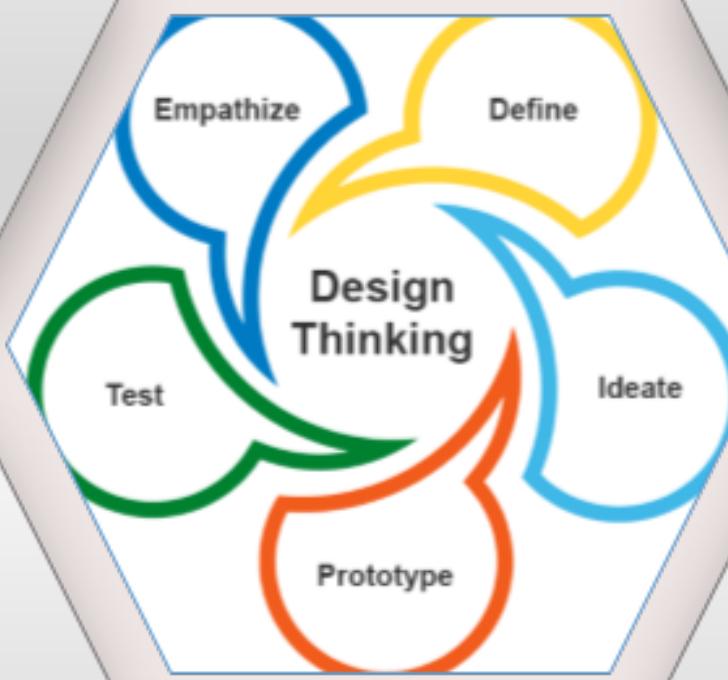
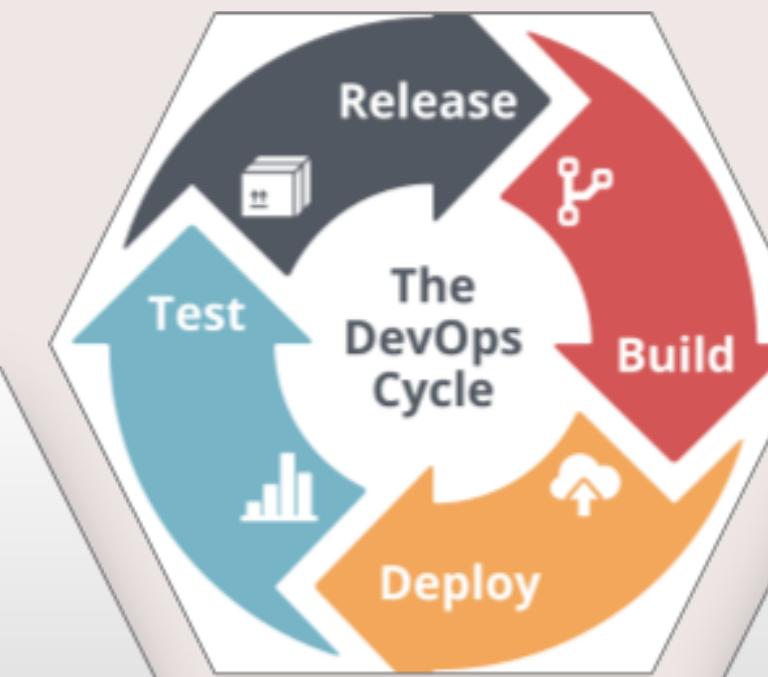
USER STORIES COVERED

- Customer can successfully login, incase of invalid credentials app will show revenant error message.
- Customer can view all the gyms.
- Customer can successfully register to the platform
- Customer can successfully book a slot in particular gym and slot at a particular date.
- If the user book another slot at the same time , the old booking is cancelled.
- If a user books a slot which is already booked by another user, an error should be shown
- User can view his/her plan on daily basis with date as input
- User can cancel a booking.



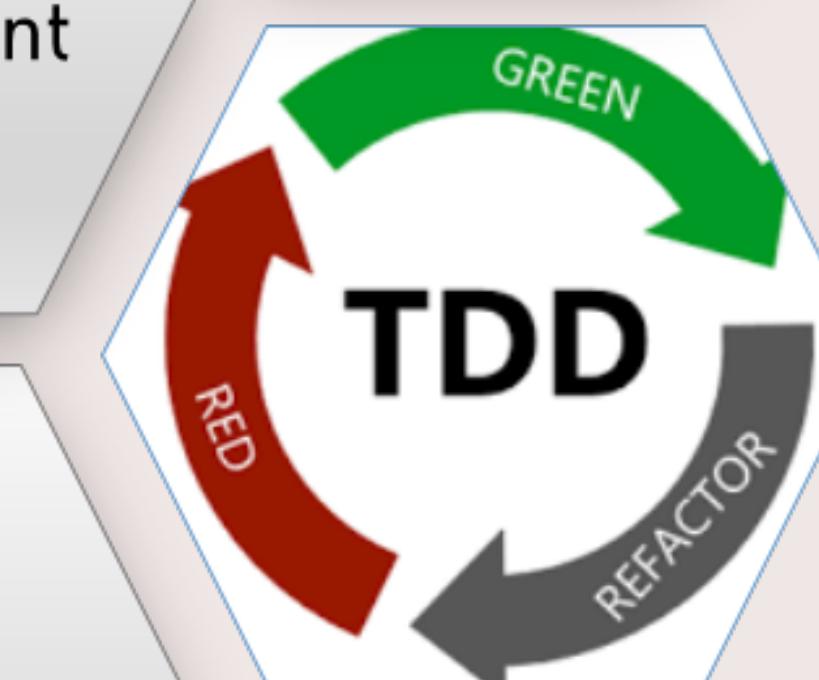
Startup
Mindset

Fast
Decision
Making



Product
Thinking

Continuous
Improvement



Increasing
the pace



Tech Stack



Frontend
Framework



Backend
Core Language



Framework

Infra
Automation Tool



Data
SQL Database



Tools
SCM



BUILD TOOL

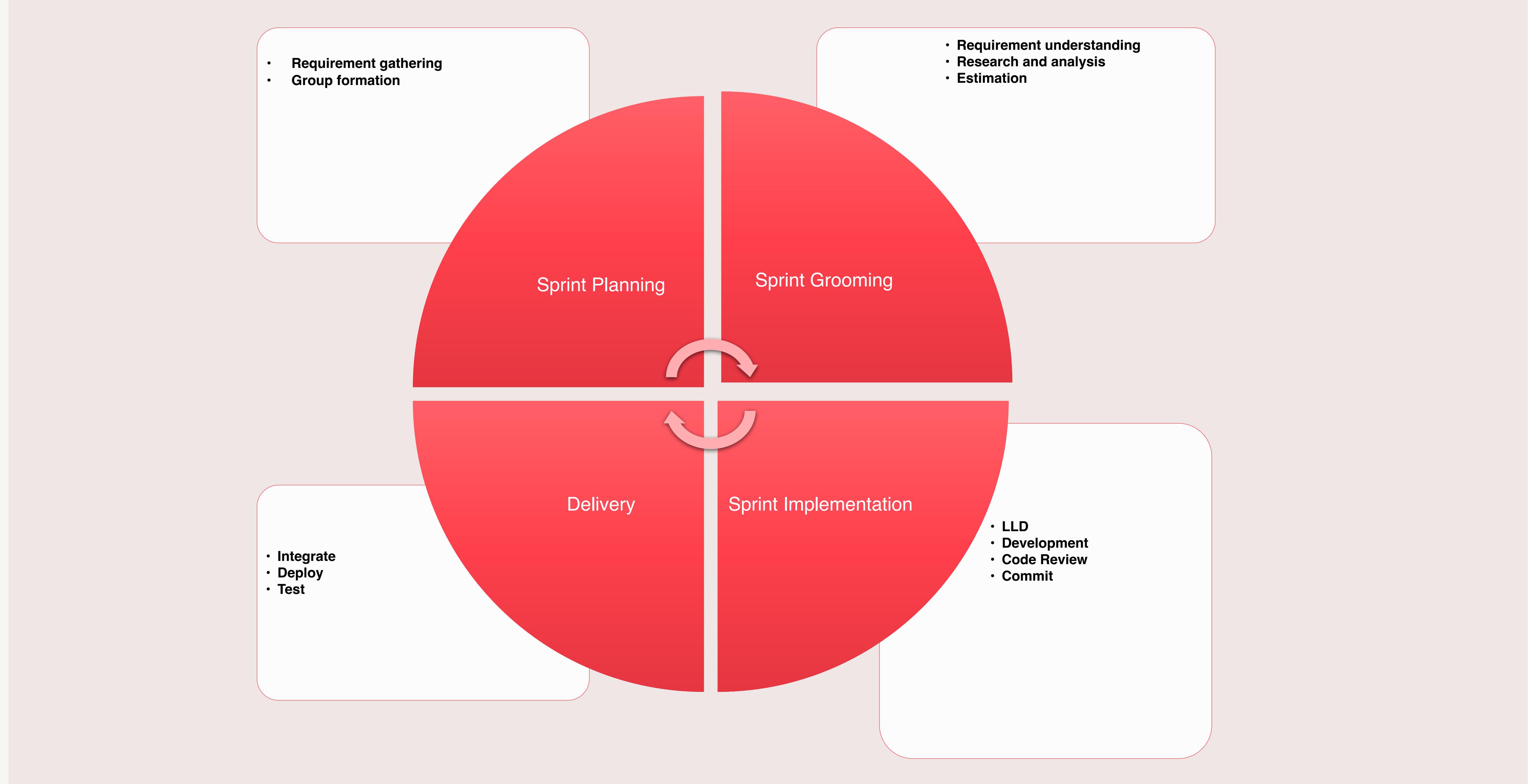


Testing



Development



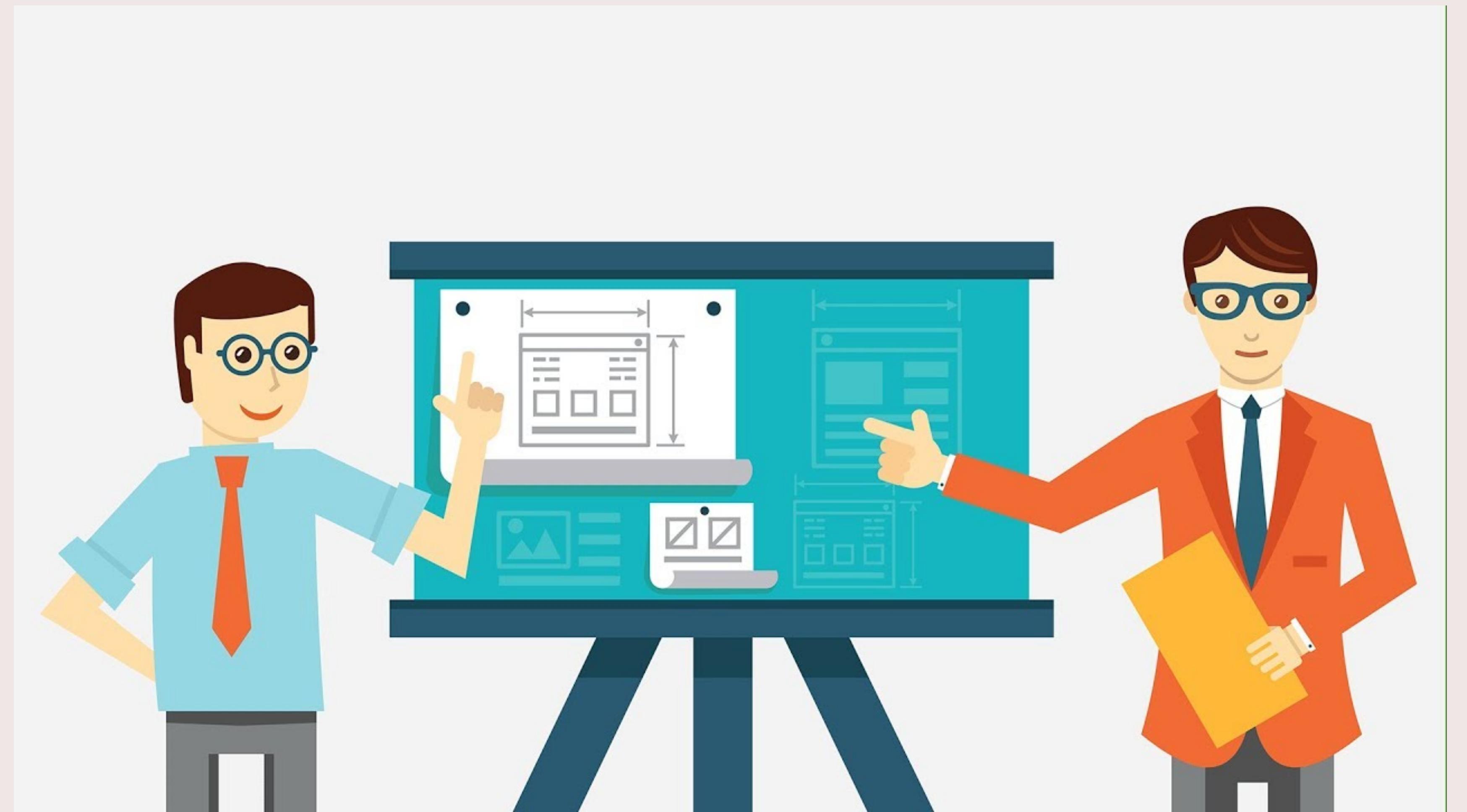


Challenges & Learnings

- Java Fundamentals
- Java 8 new features
- JDBC connections
- Git
- Dropwizard
- New to technology
- Short timeframe



Demo





QUESTIONS

```
print("Thank You")
```

