FLIPKART
JEDI TRAINING 2.0

COURSE REGISTRATION SYSTEM

Framework

- DAY 1 -> Software installations and getting comfortable with the GUI of softwares like Java 17 , STS and MySQL 8x with work bench.

- DAY 2 -> Deep dive into Git, Github and Java programming language.

- DAY 3 -> Learned the flow of the CRS app and made the basic structure and design.

- DAY 4 -> Reviewed the basic code, added more functionalities and learned more on Exception handling.

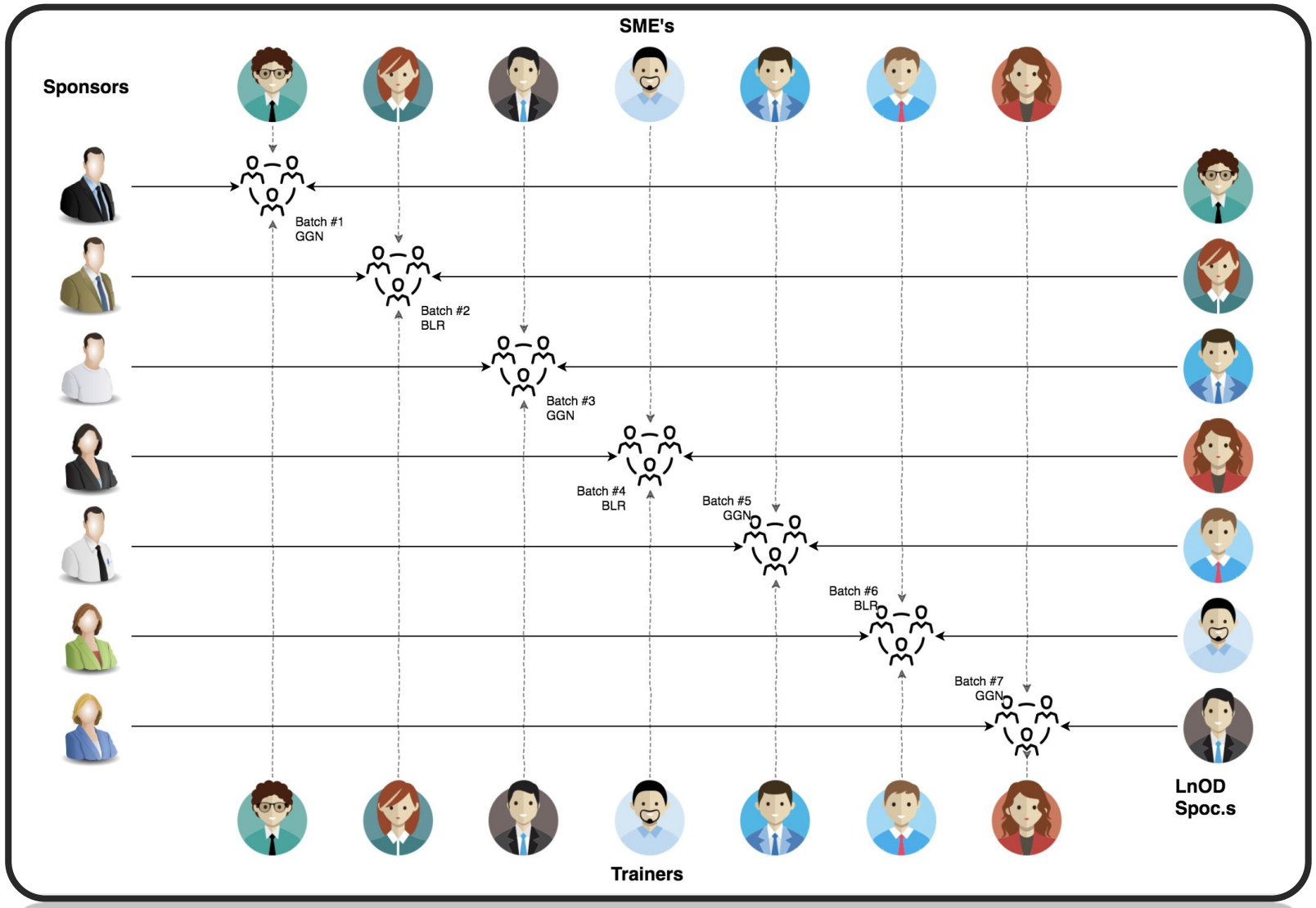
- DAY 5 -> Learned SQL and JDBC. Integrated our code to MySQL using JDBC.

- DAY 6 -> Deep dive into Dropwizard, Maven and REST API’s.

- DAY 7 -> Learned and used Postman in our project.

Stakeholders

1. Sponsors
    1. Flipkart
2. SME’s
    1. Amit
3. Coordinators
    1. Anushka Khanna



Our next starts **NOW**

7 days OF TRAINING + PROJECT DEMO

Agenda

01 Our Journey

02 Our Team

03 Team Structure

04 Project Goals

05 Engineering Practices

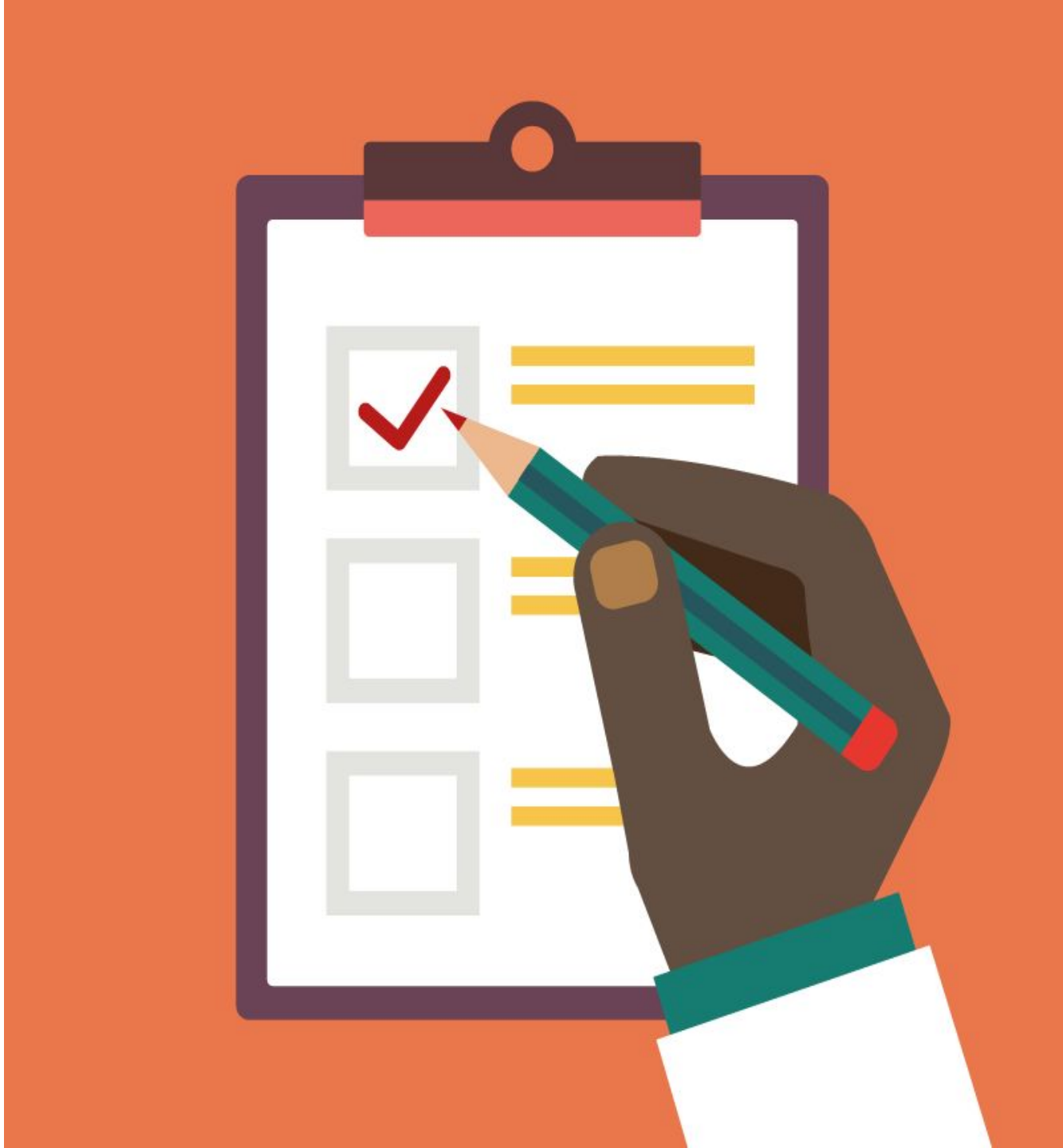
06 Tech Stack

07 Development

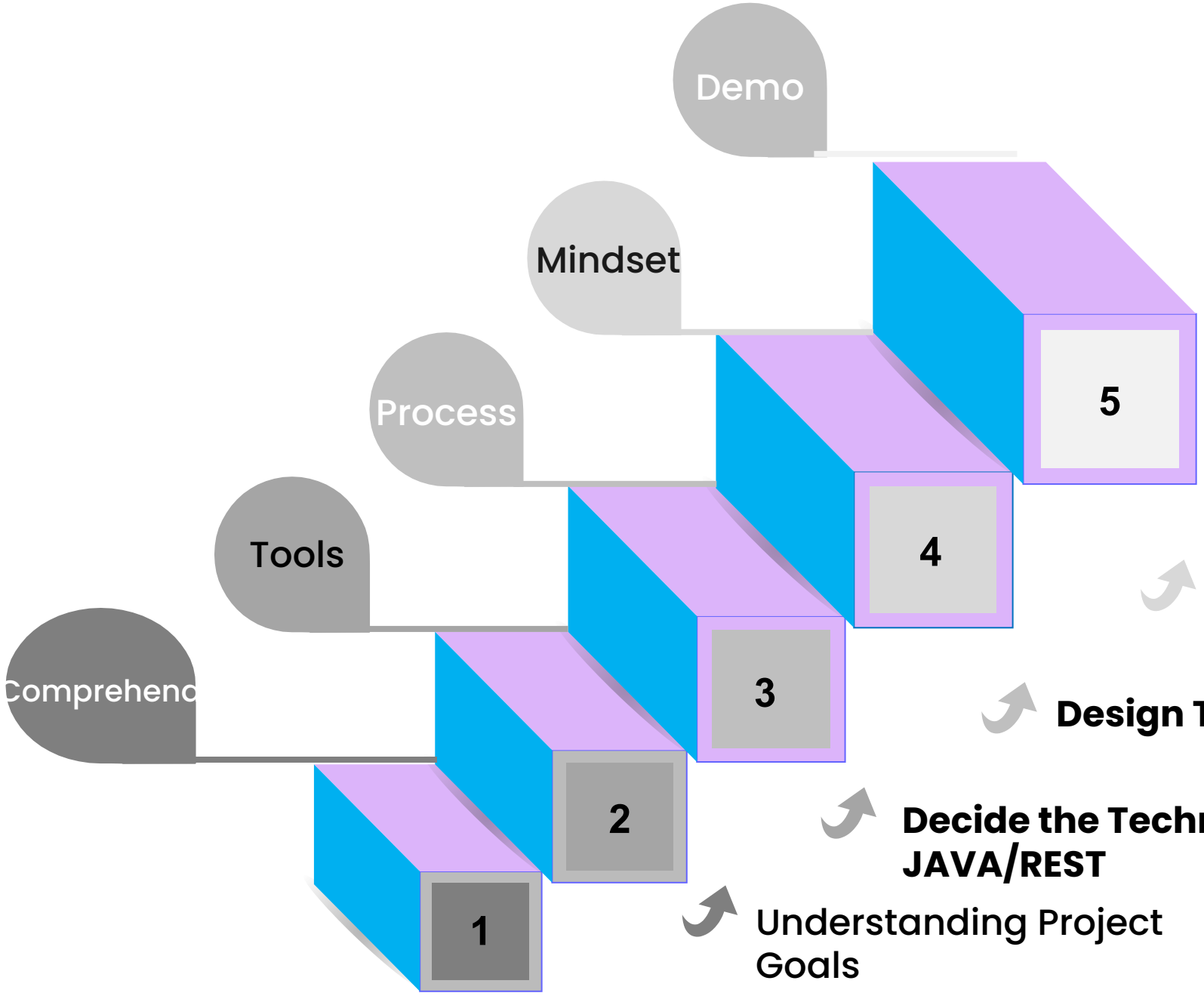
09 Challenges & Learnings

10 Demo

11 Questions



Our Journey



project Demo

Adapting to a developer Mindset

Design Thinking

Decide the Technologies JAVA/REST

Understanding Project Goals

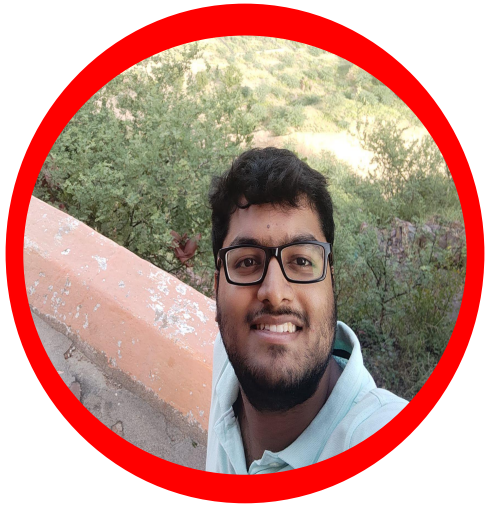
Our Team

Yash Kumar Kandoi

Ankita Jain

Aparna Gupta

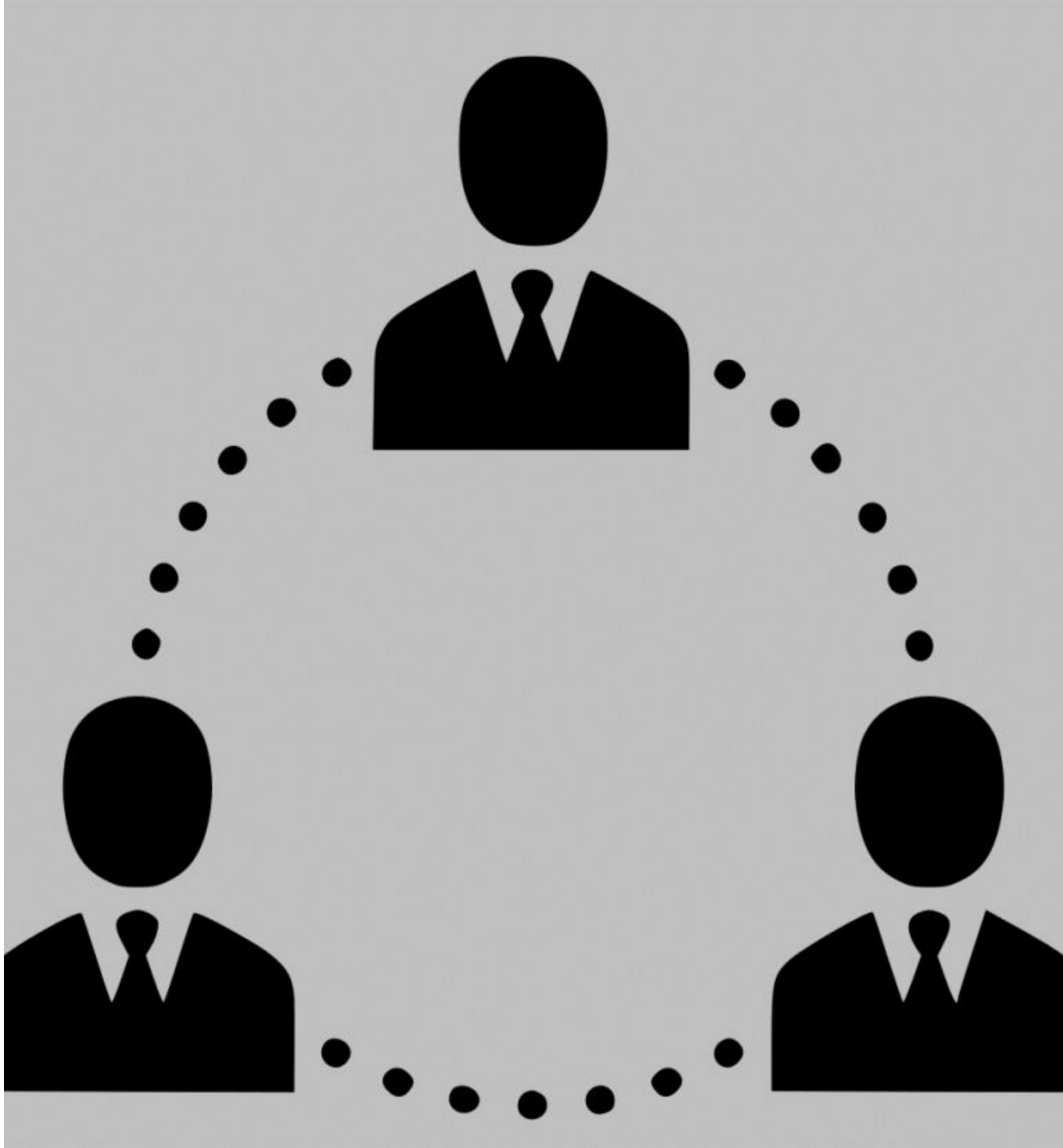
Arpit Kumar



Sanjeev Mallick

Garvit Singhal

Team Structure



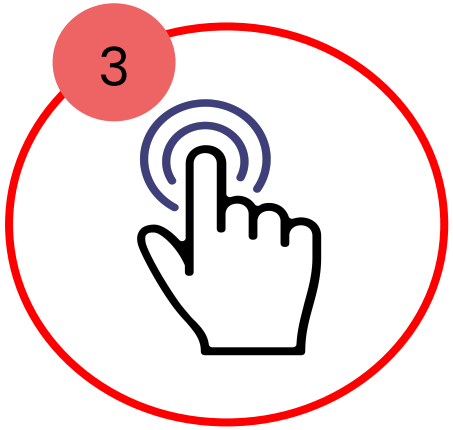
Project Goals

Our Vision

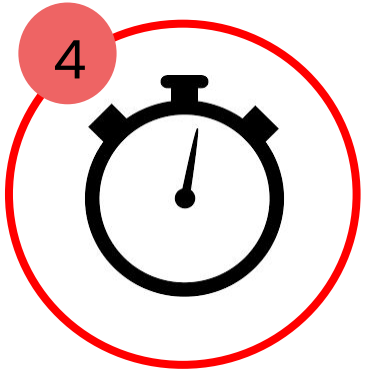
Our Vision is to develop a modern and efficient **Student Registration System** that integrates seamlessly with the given course catalog. The system will enable students to register for courses, access report cards, and modify their schedules, while allowing professors to manage course offerings and record grades.It will ensure timely data access, secure student information, and support smooth registration and billing process.

Quality

Security

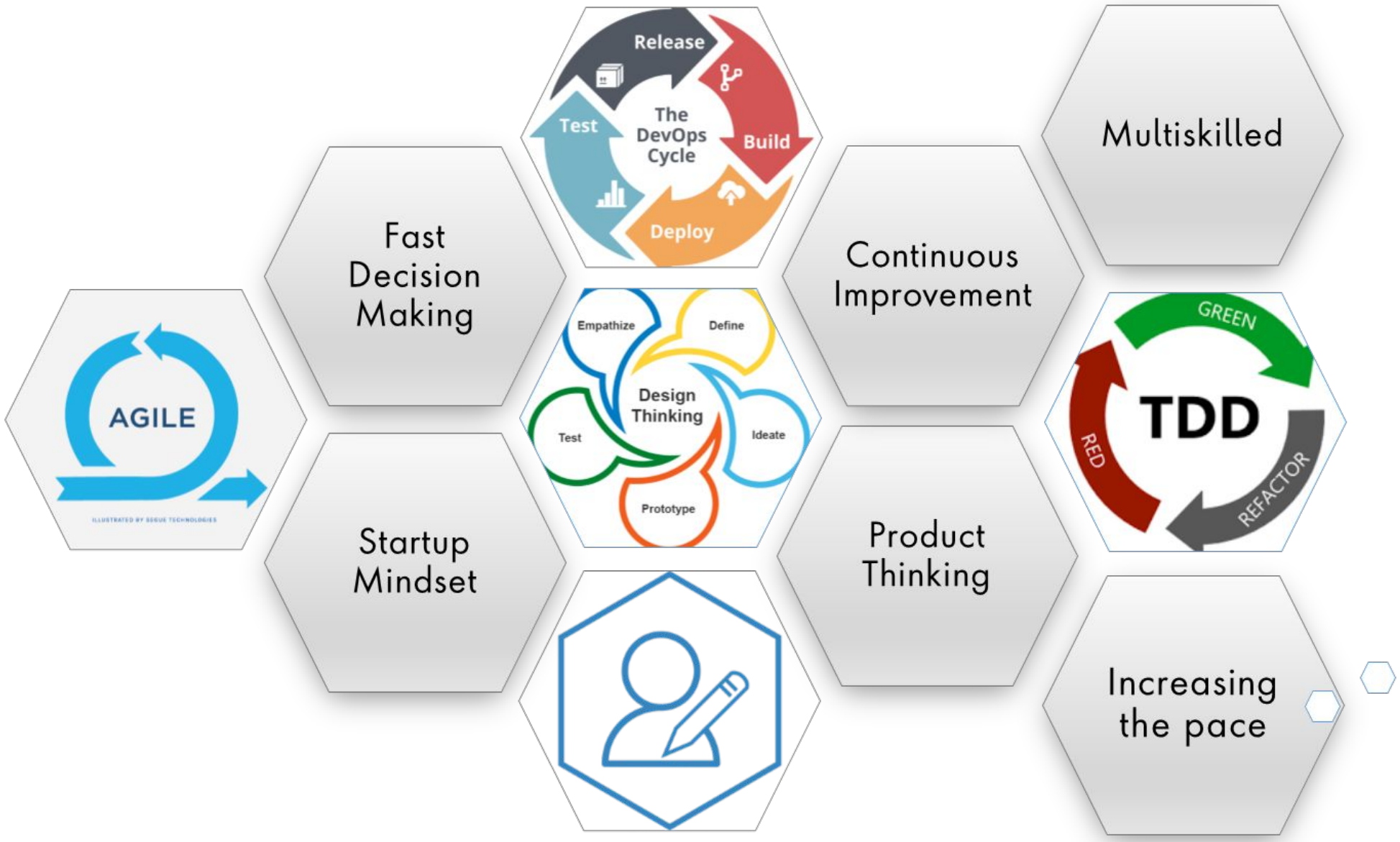


Interactivity



Speed

Engineering Practices


AGILE
Fast Decision Making
Release
Build
Deploy
Test
The DevOps Cycle
Continuous Improvement
Multiskilled
Empathize
Define
Ideate
Prototype
Test
Design Thinking
GREEN
RED
REFACTOR
TDD
Startup Mindset
Product Thinking
Increasing the pace

Tech Stack

Backend

Core Language

Framework

Infra

Automation Tool

API Testing Tool

Data

SQL Database

Tools

IDE

SCM

Challenges & Learnings

- **Learned to effectively use Maven for managing dependencies and successfully integrated Dropwizard with MySQL for seamless data handling.**
- **Enhanced skills in Java development and gained hands-on experience in deploying RESTful services using Dropwizard.**
- **Improved teamwork and communication, effectively coordinating with team members to resolve issues and ensure project success.**

Demo

Questions?

Thank you