



The Meaning Of Light

The Ask

Where we started



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graph TD; A((1. Demo on backend and front end technologies and detailed explanation)) --> B((2. Individual assignment for practise followed by discussion with the trainer)); B --> C((3. Incorporating the learnings into the main project))
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Demo on backend and front end technologies and detailed explanation

Individual assignment for practise followed by discussion with the trainer

Incorporating the learnings into the main project

Stakeholders

1. Sponsors

Signify

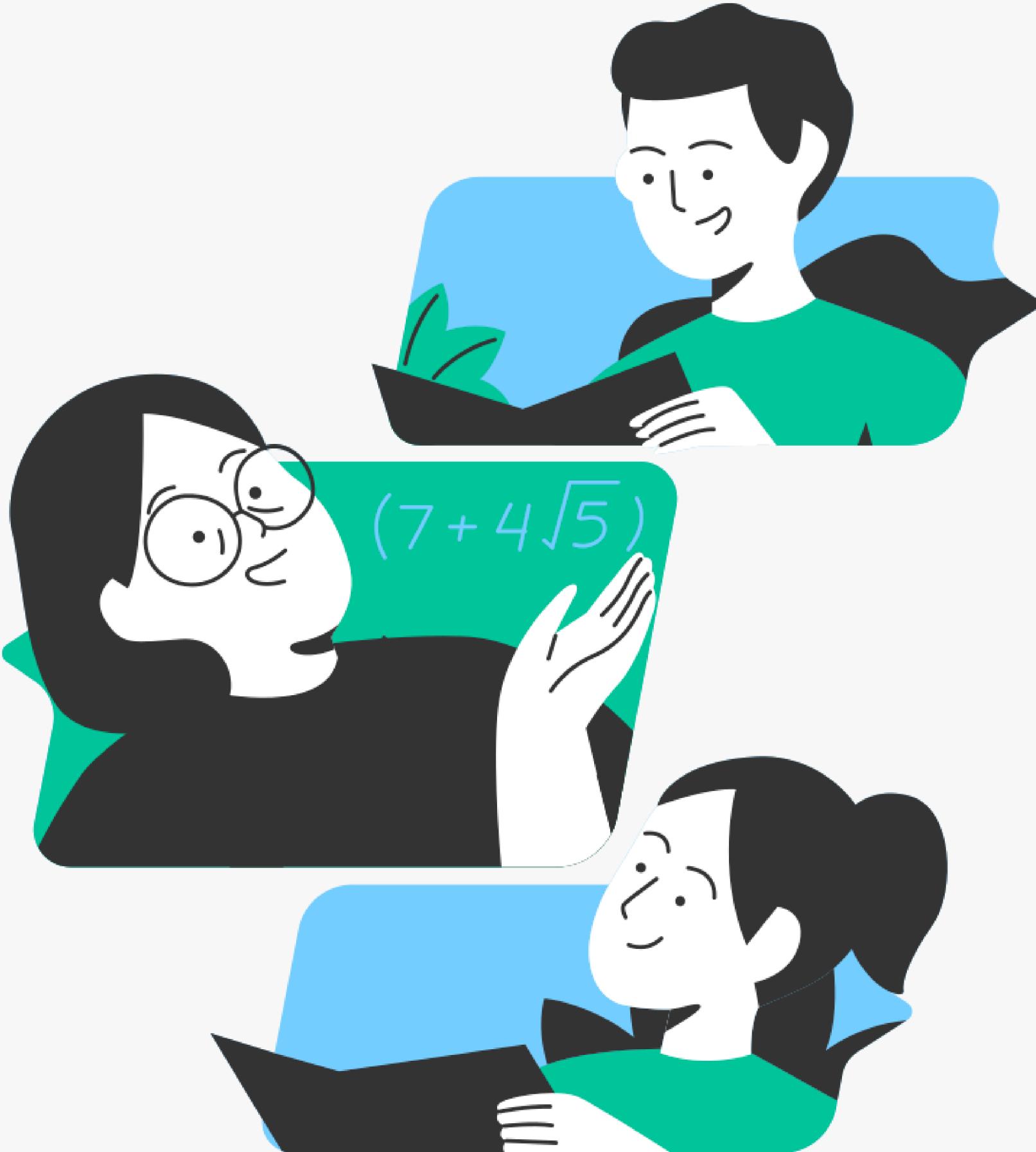
2. SME's

Amit Balyan

3. Coordinators

Seema Sandeep

Shwetha Kumari V.



Three Week Plan

Week	Tools & Technologies	Description
1	<ul style="list-style-type: none">● Linux● GIT - Version Control● UML Artifacts● Java	<ol style="list-style-type: none">1. Explored Linux Commands2. Learn OOP using Java3. Learn about Git and Version Control4. Implemented some packages of POS
2	<ul style="list-style-type: none">● Implementation of POS Application● JDBC API● SQL● Spring	<ol style="list-style-type: none">1. Completely implemented the POS Application2. Learnt JDBC API and connected the POS application to MySQL Database3. Worked on several SQL commands4. Implemented the application using Spring
3	<ul style="list-style-type: none">● JavaScript● TypeScript● Angular 13● RESTful API	<ol style="list-style-type: none">1. Learnt JavaScript and TypeScript2. Converted the POS application into a Web Application using Java backend and Angular based Front end3. Performed all the operations using REST API's



15 DAYS

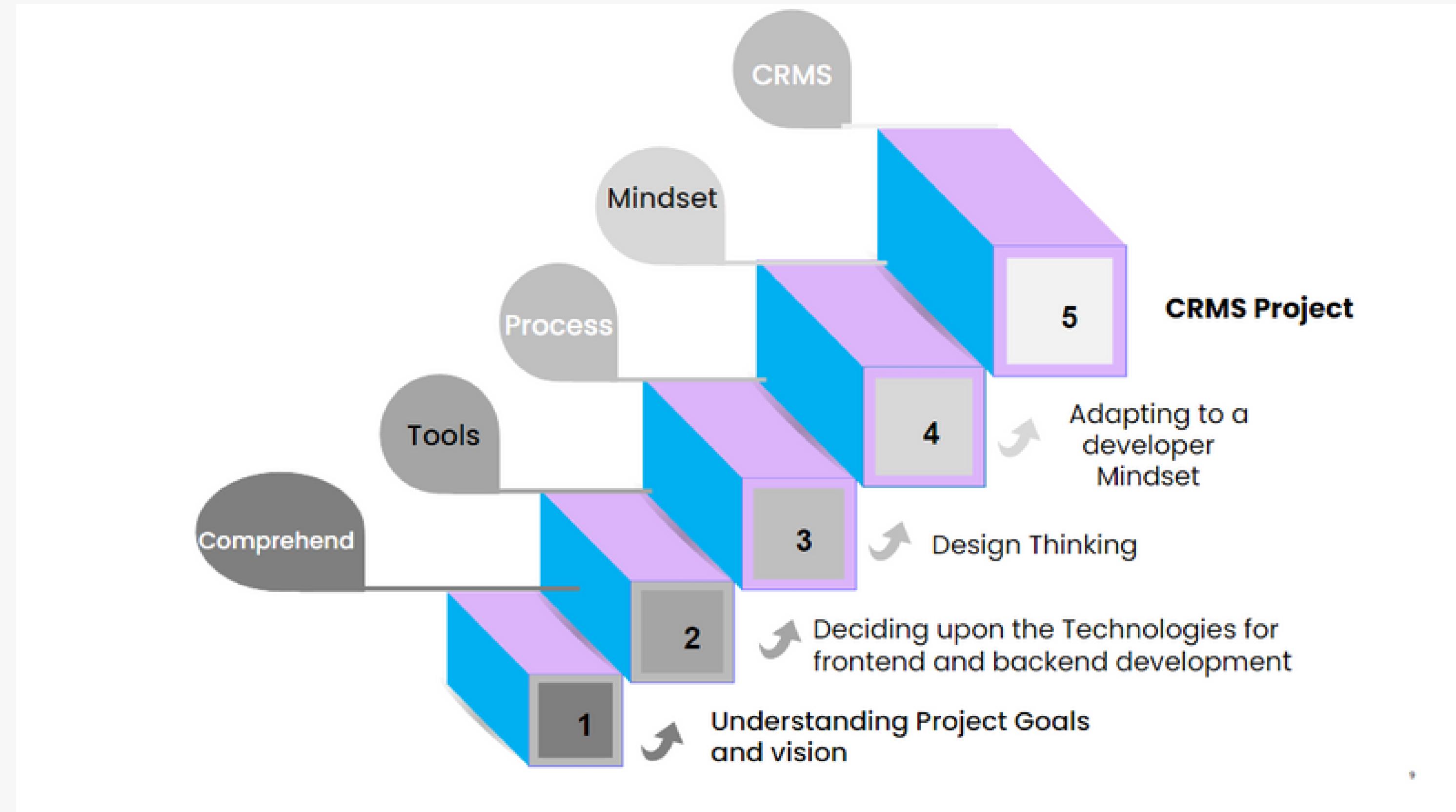
360 HOURS

21600 MINUTES

1296000 SECONDS

LIMITLESS KNOWLEDGE

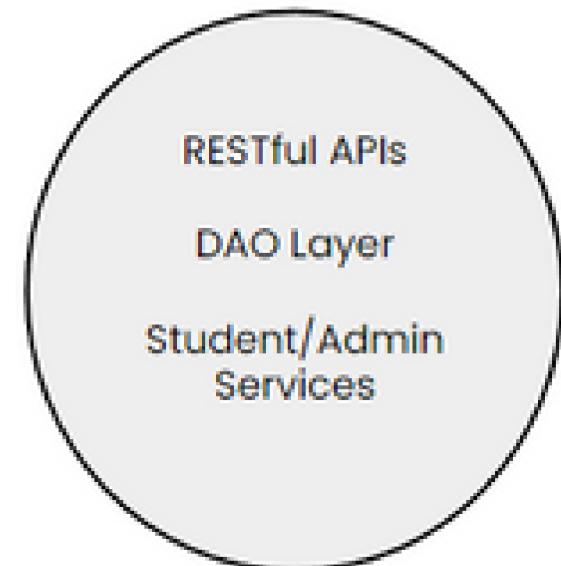
OUR JOURNEY



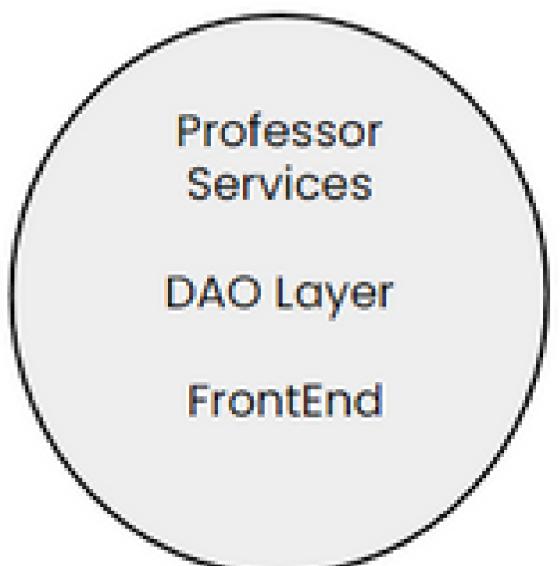
OUR TEAM



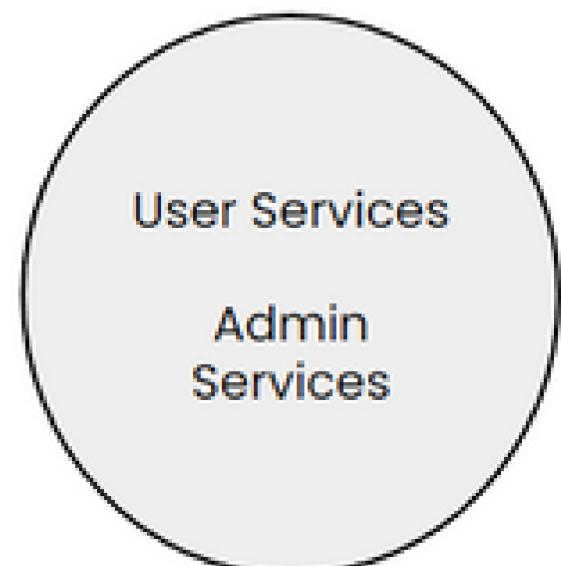
OUR TEAM



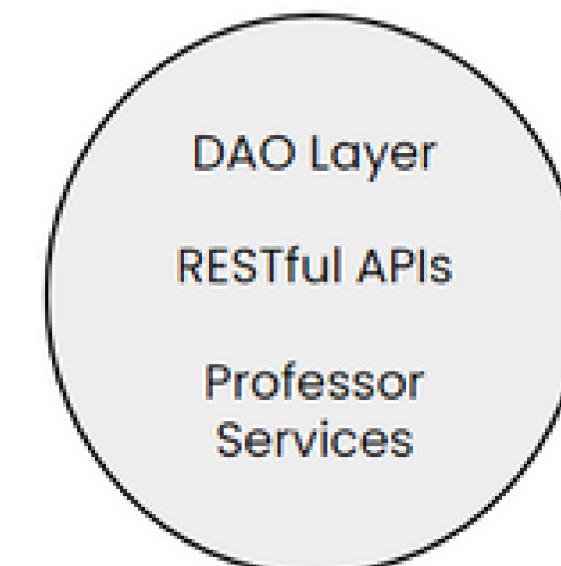
Prathamesh



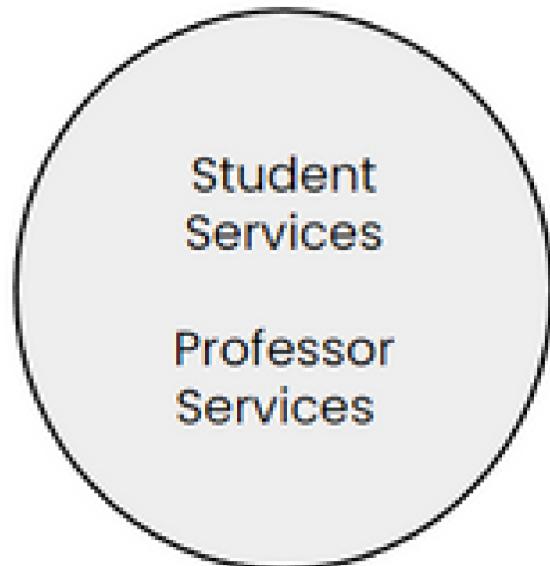
Ishita



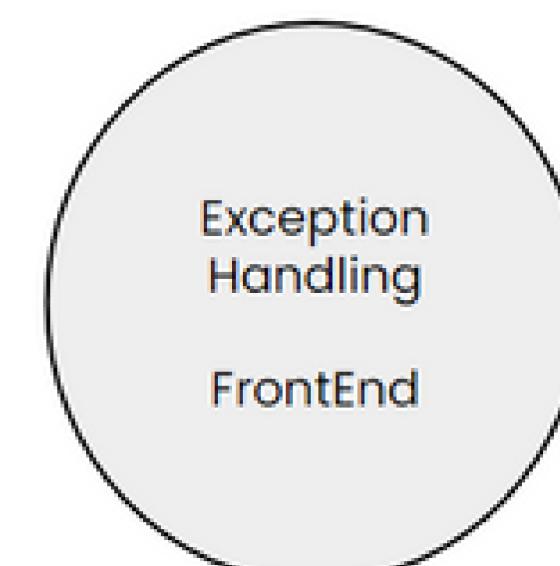
Shefali



Harismitha

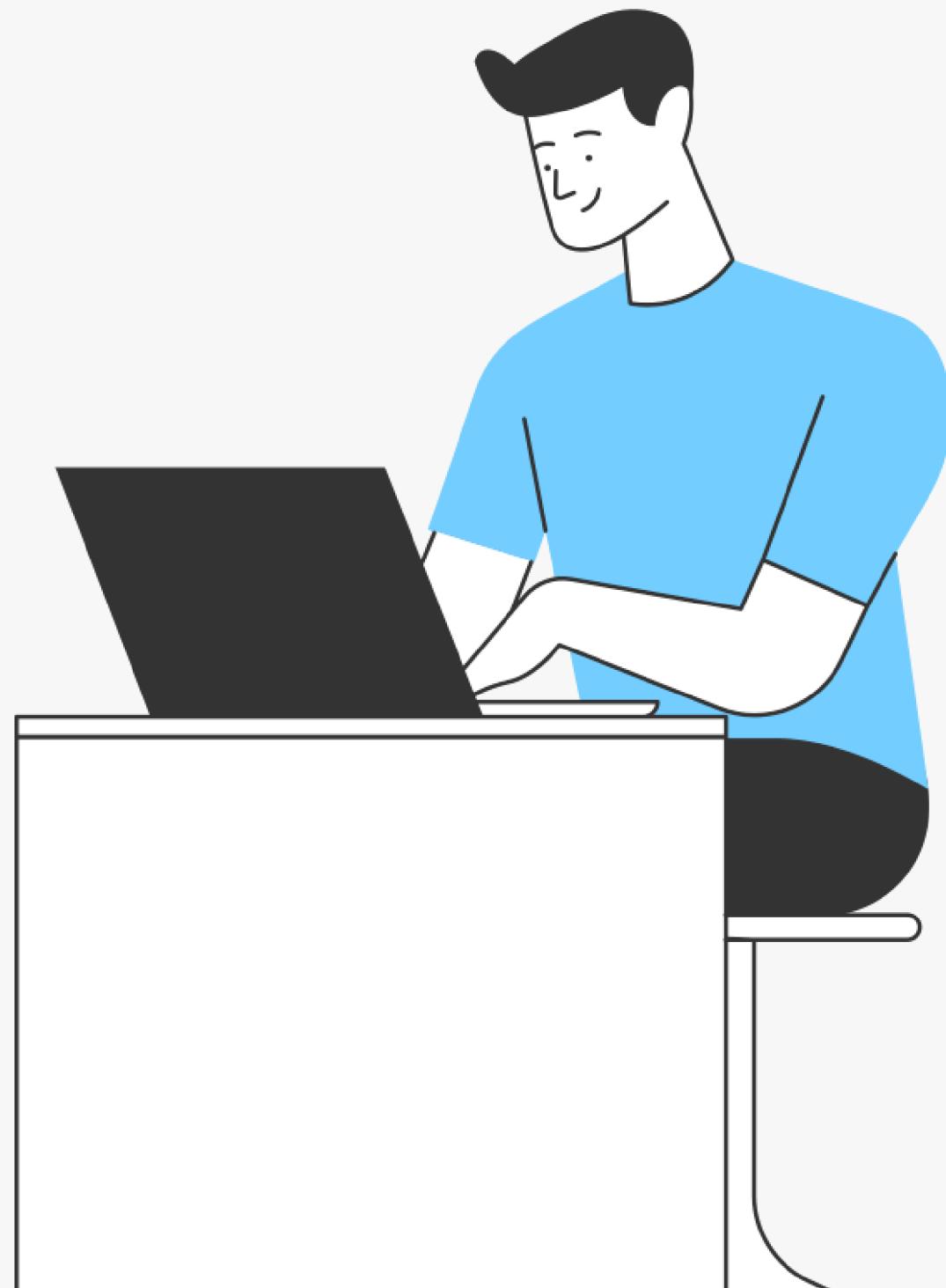


Tapaja



Ashwin

PROBLEM STATEMENT



The primary objective of the application is to offer students a **hassle-free and convenient platform** to register for courses and handle their personal details.

The system enables students to explore courses, add them to their schedules, and remove them if required.

The development of the system includes various stages, such as identifying the **project's scope**, creating the **user interface**, implementing the **server-side logic**, establishing the **database**, testing and troubleshooting the application, and deploying it.

ENGINEERING PRACTICES

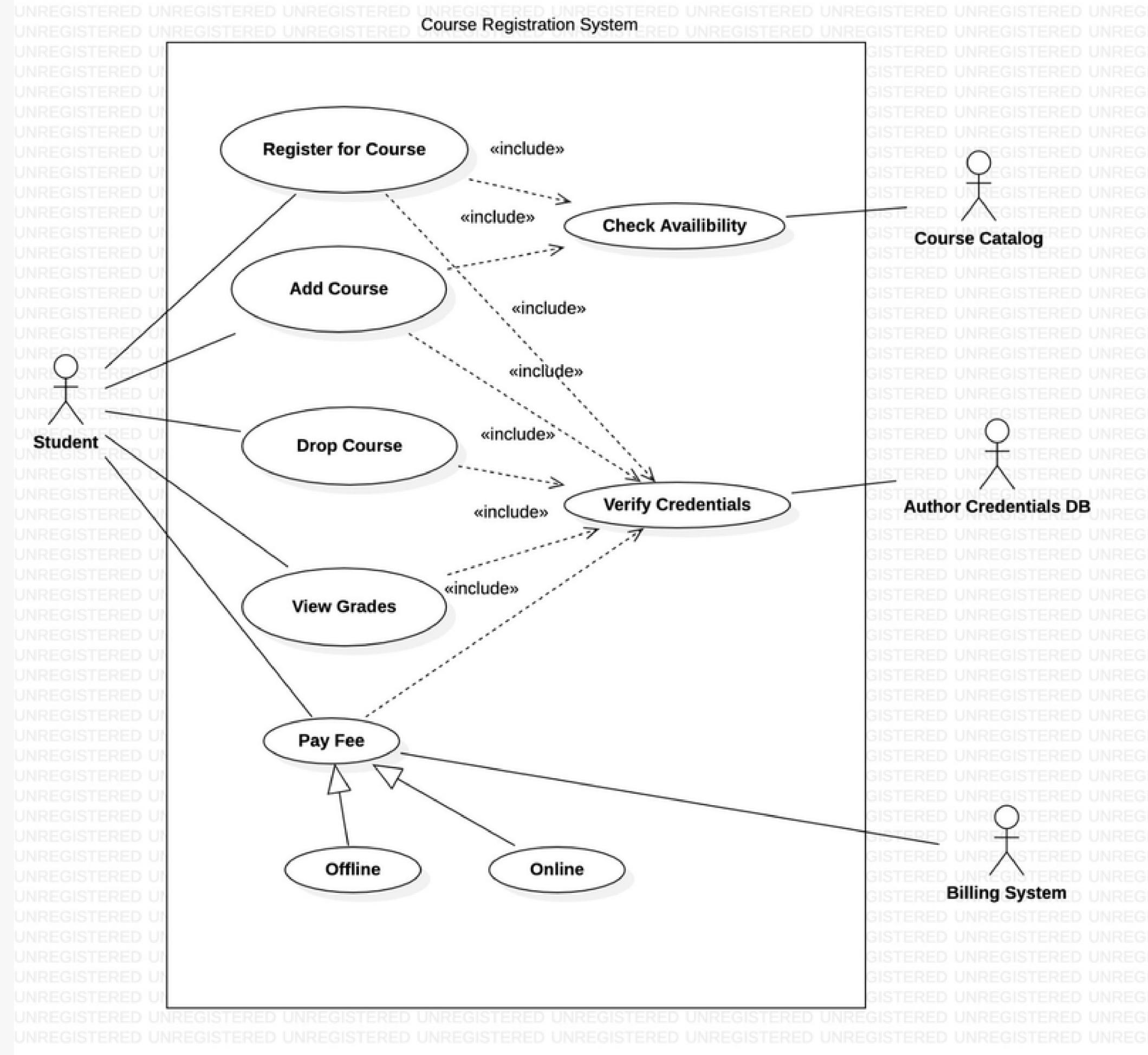
Code Readability & Clean Code

Communication and Collaboration

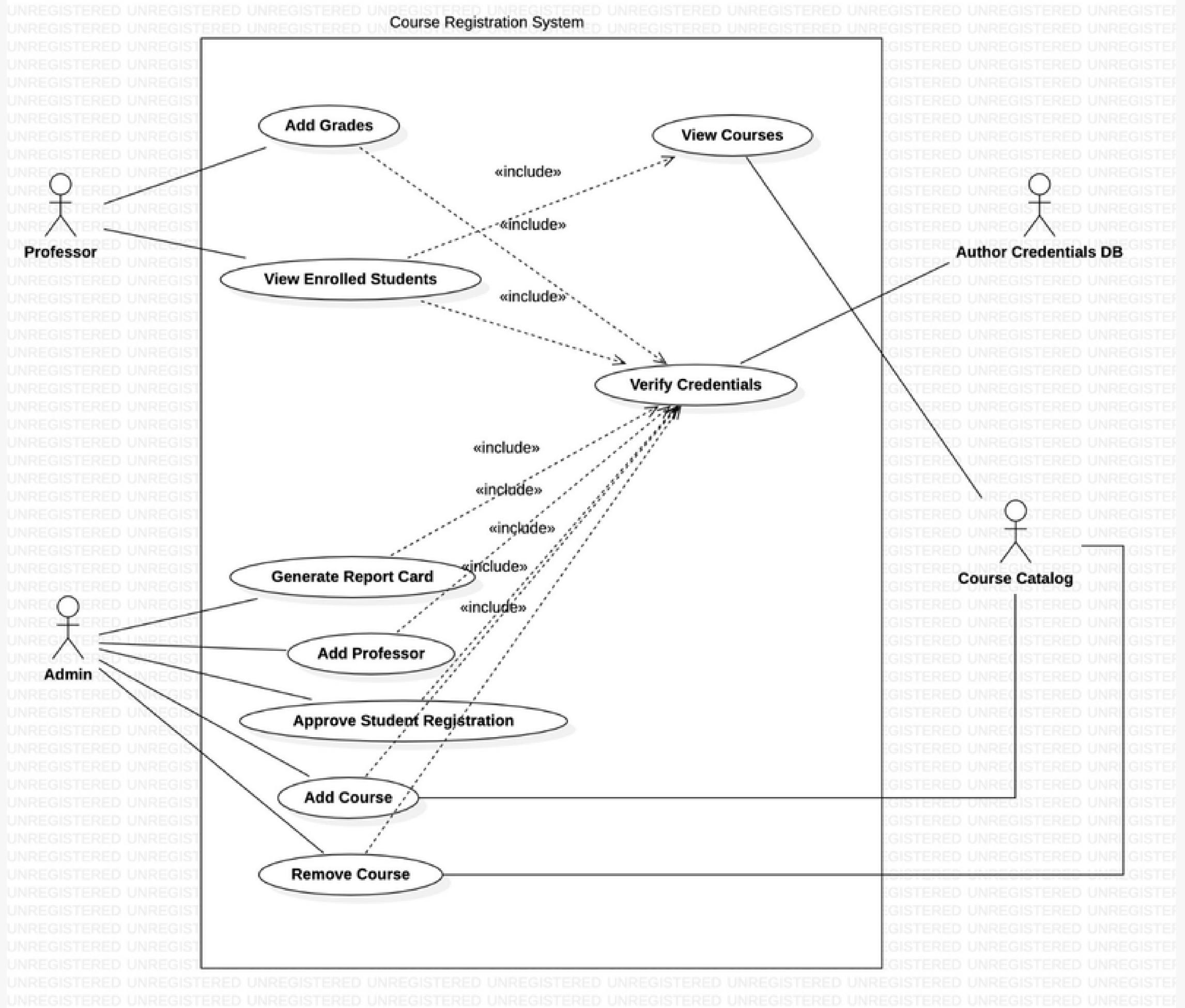
Use Version Control

Be Descriptive

UML DIAGRAM



UML DIAGRAM



TECH STACK

Backend

Core Language



Framework



Application Server



Run time environment

Maven™

Frontend

Core Language



Framework



TypeScript

Language

Data

SQL Database



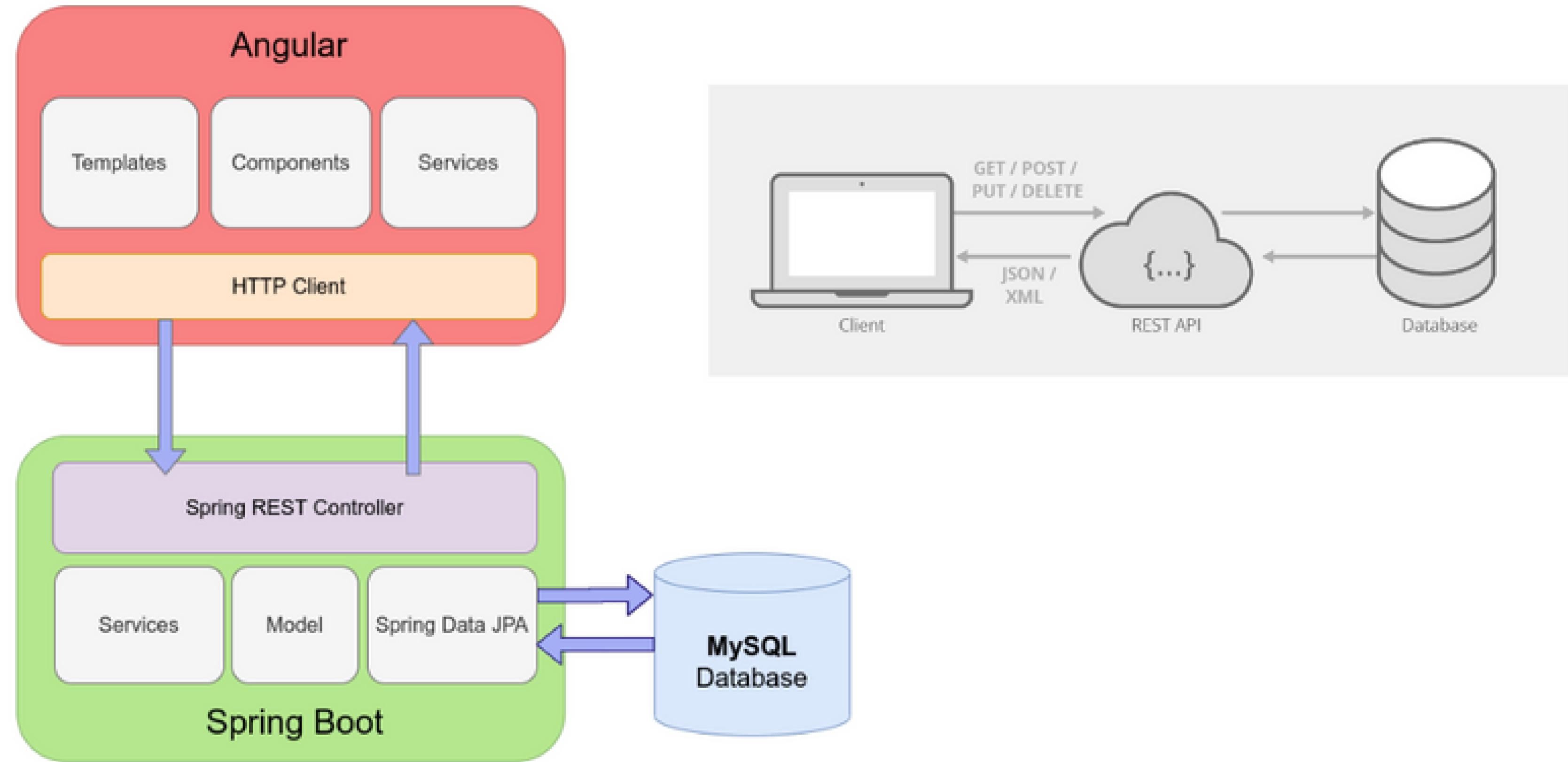
Tools

Version Control



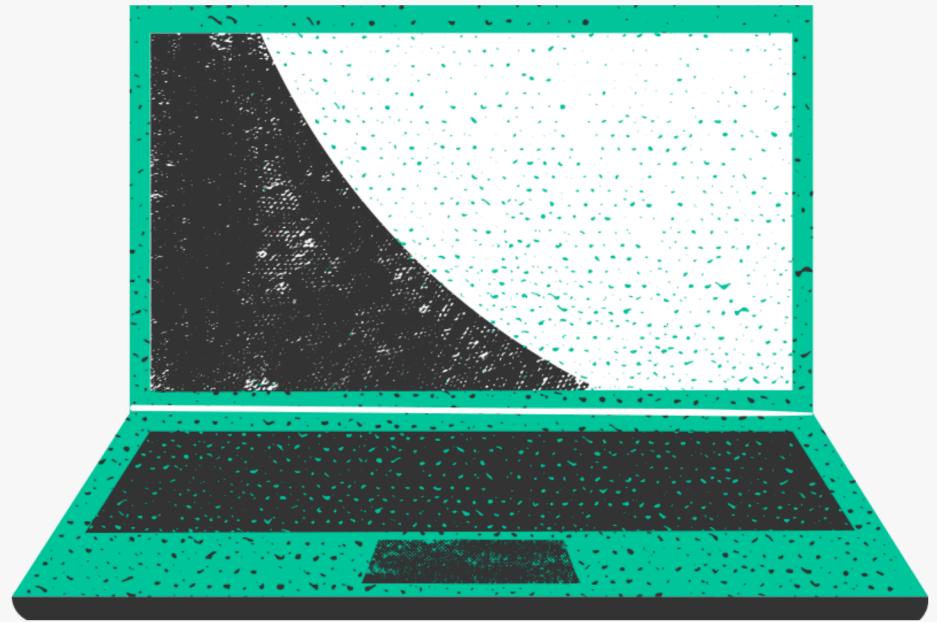
Testing API

ARCHITECTURE

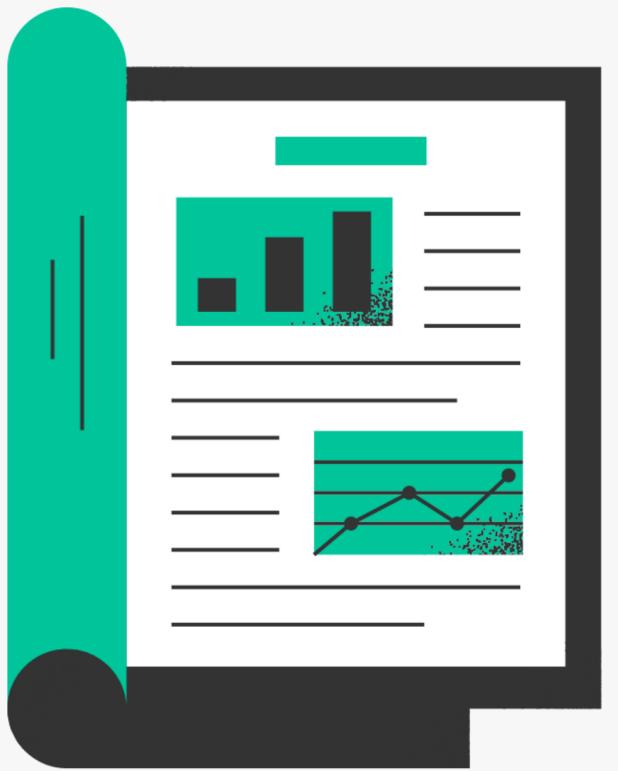


CHALLENGES AND LEARNINGS





DEMO



QUESTIONS



**Thank you
for listening!**

