FPT University
TRƯỜNG ĐẠI HỌC FPT

FALL 2023

DRAWING COURSE SELLING PLATFORM

E-LEARNING

SUPERVISOR: MR. LẠI ĐỨC HÙNG
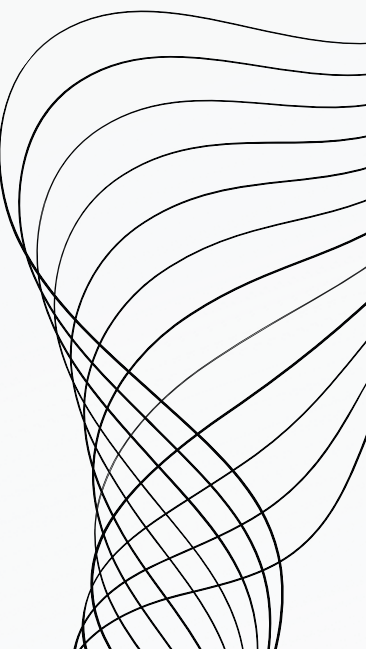
OUR MEMBERS

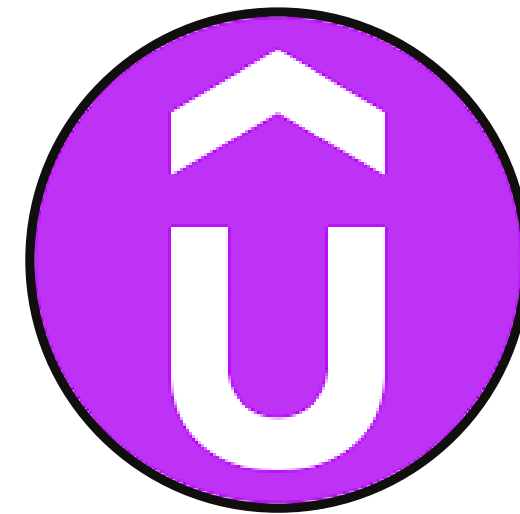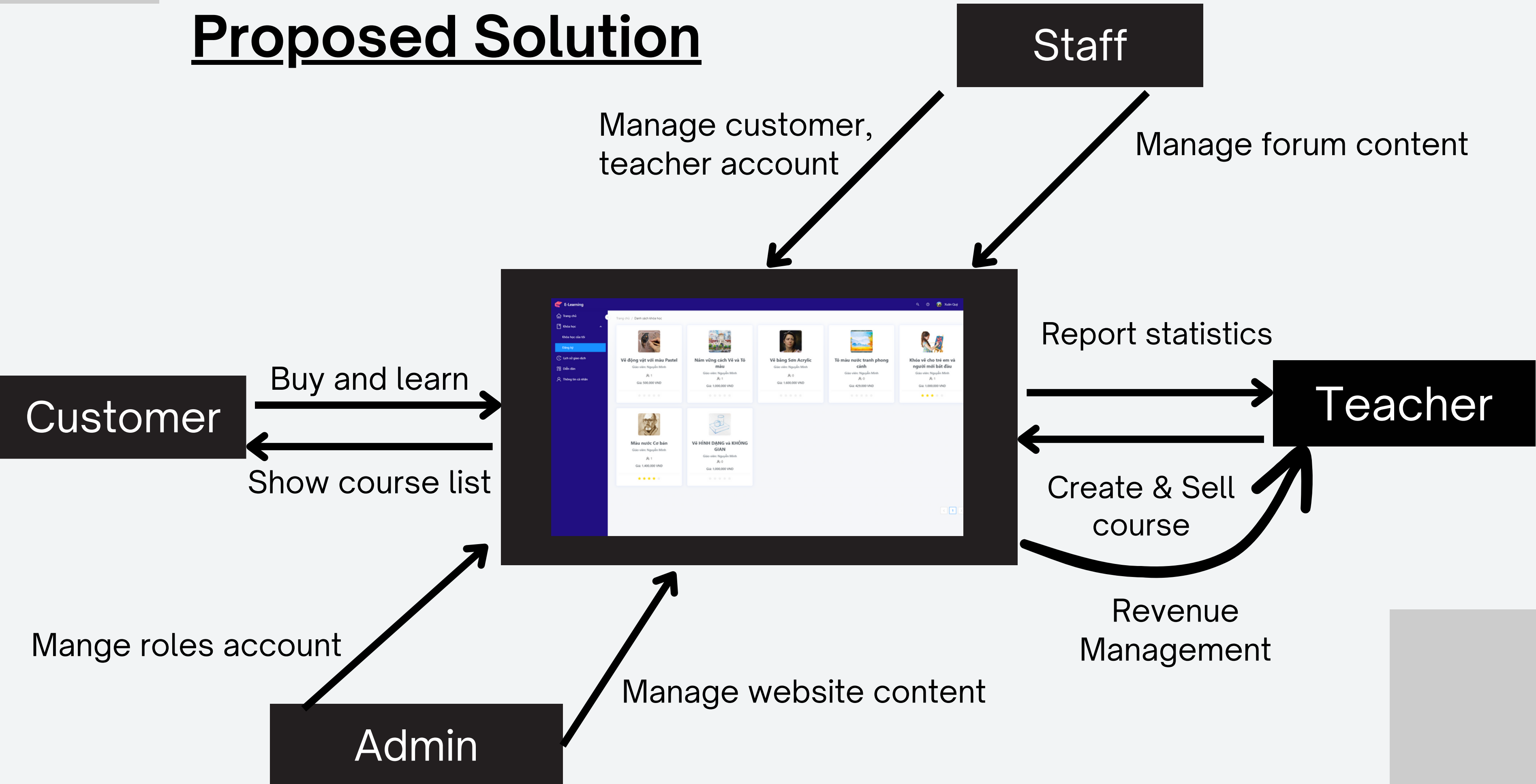|	
SE161997	NGUYỄN MINH HIỀN
SE170242	ĐÀO XUÂN QUÝ
SE172099	TRẦN MINH NGỌC PHÚC
SE172756	NGUYỄN VĂN MINH

CONTENTS

PROJECT INTRODUCTION

Background

- **Lack of focus on specific field**
- **Solve inconveniences in terms of time**
- **Solve parent's needs of art learning**

PROJECT INTRODUCTION
Proposed Solution

Staff

Manage customer, teacher account

Manage forum content

Report statistics

Customer

Buy and learn

Show course list

Teacher

Create & Sell course

Revenue Management

Mange roles account

Admin

Manage website content

PROJECT INTRODUCTION

References

EDUMALL

Edumall is an online learning platform offering a diverse range of courses.

UDEMY

Udemy is a platform that allows instructors to build online courses on their preferred topics.

SYSTEM ARCHITECTURAL OVERVIEW

Tech Stack:

Front-End:

- ReactJS

Back-End:
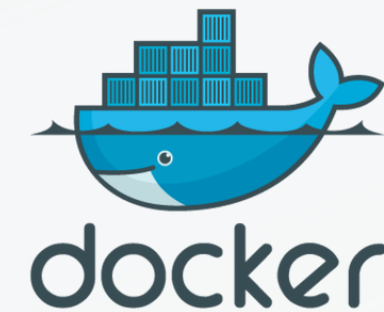
- Mysql

- Java Spring Boot
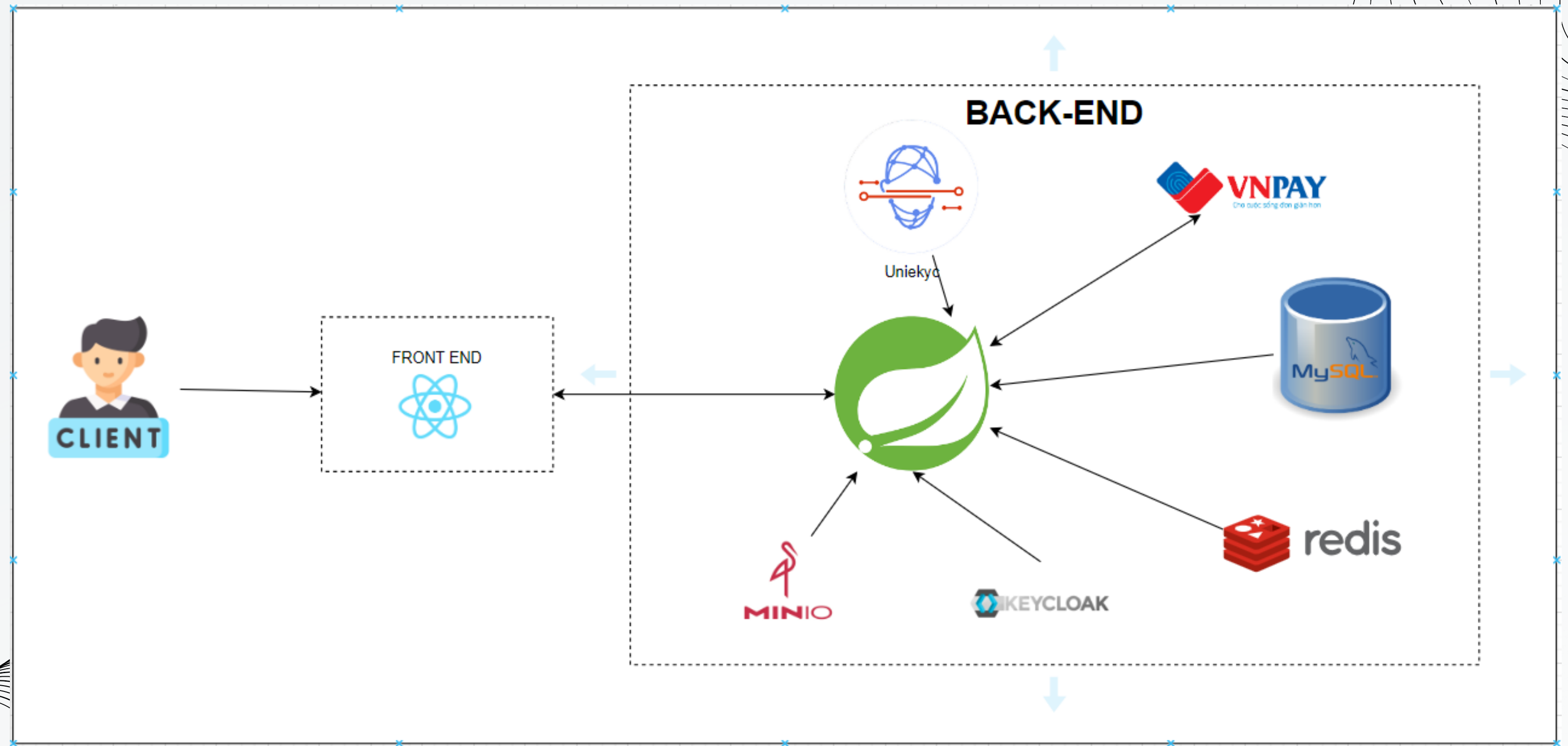
- Redis

- Keycloak

Deployment:

- Docker

SYSTEM ARCHITECTURAL OVERVIEW

FEATURES

CUSTOMER

- VIEW COURSE
- VIEW ORDER HISTORY
- REGISTER COURSE
- LEARN COURSE
- FEEDBACK & RATE COURSE
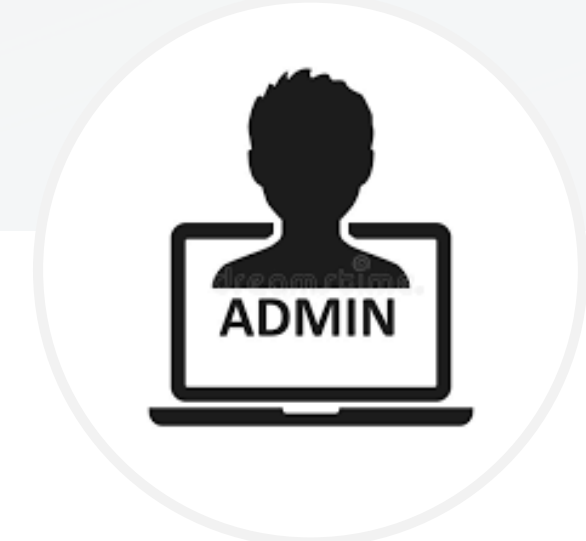- POST ON FORUM
- MANAGE PROFILE

INSTRUCTOR

- VIEW DASHBOARD
- MANAGE COURSE
- VIEW ORDER HISTORY
- POST ON FORUM
- MANAGE PROFILE

STAFF
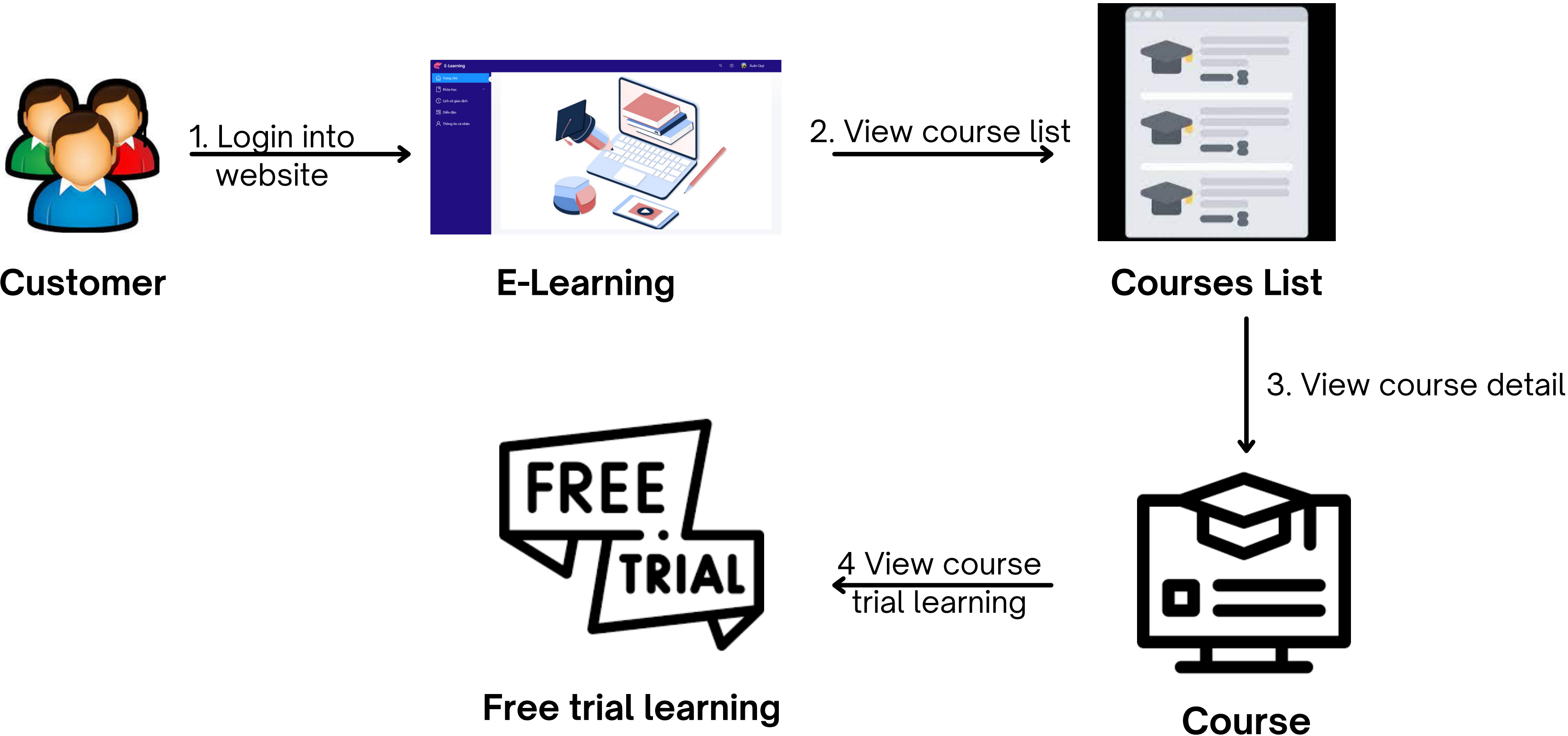
- VIEW SYSTEM DASHBOARD
- MANAGE INSTRUCTOR
- MANAGE FORUM

ADMIN

- VIEW SYSTEM DASHBOARD
- MANAGE STAFF
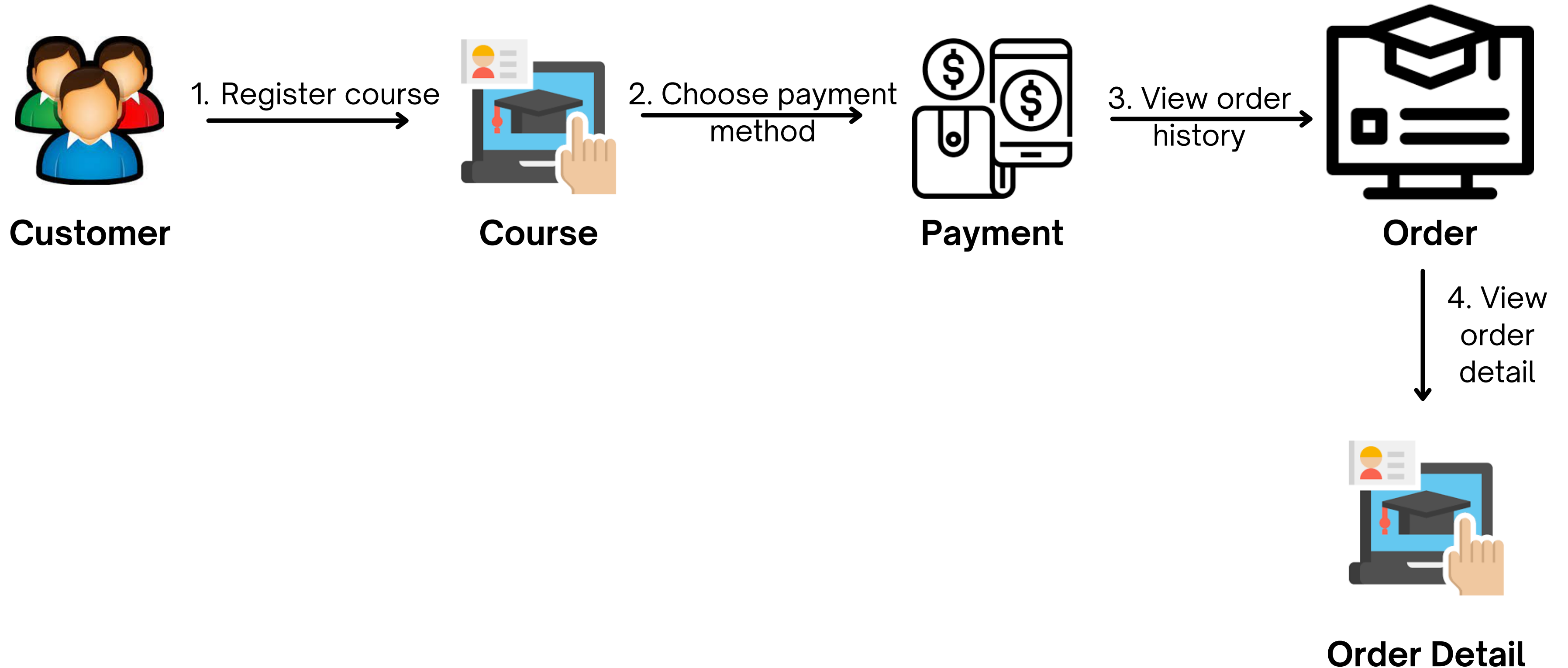- MANAGE ACCOUNT
- MANAGE COURSE
- MANAGE FORUM
- VIEW HISTORY ORDER
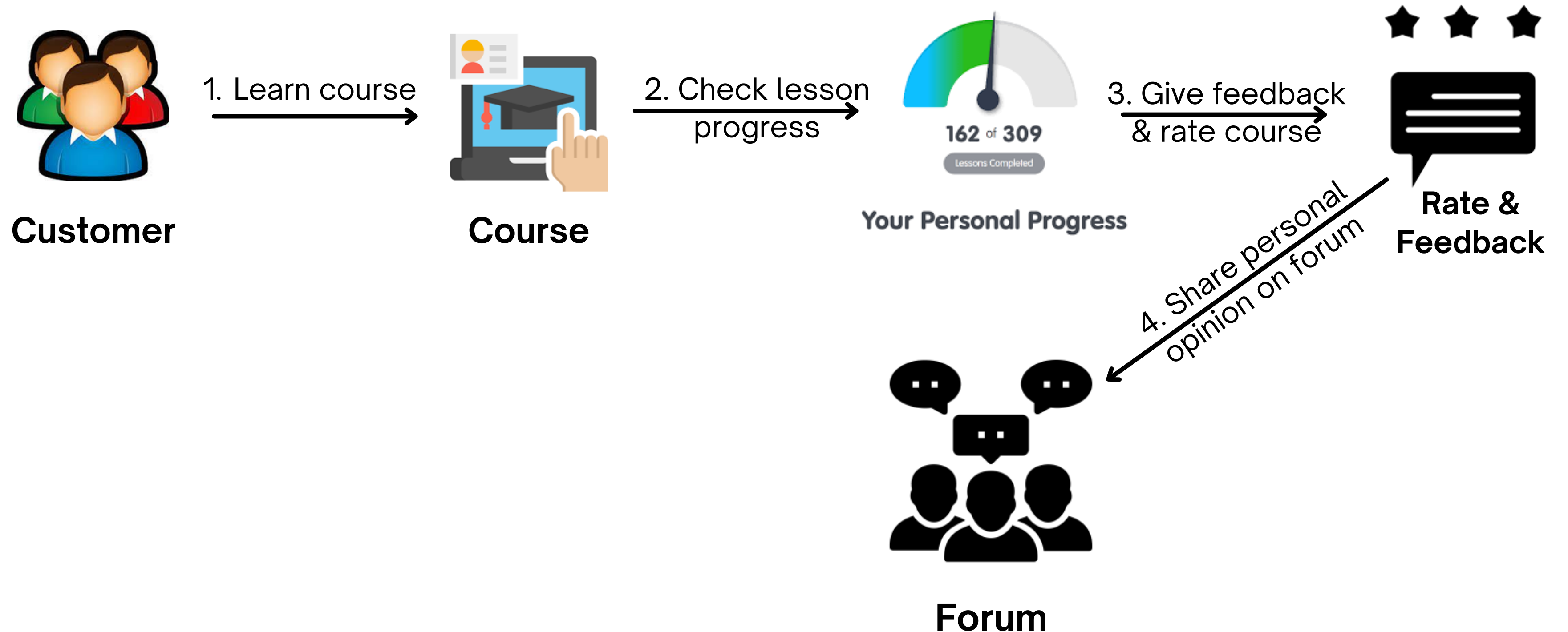
DEMONSTRATION

Scenario 1: Customer views courses

Customer

1. Login into website

E-Learning

2. View course list

Courses List

3. View course detail

Course

4 View course trial learning

Free trial learning

DEMONSTRATION

Scenario 2: Customer registers course

DEMONSTRATION

Scenario 3: Customer learns course

DEMONSTRATION

Scenario 4: Instructor creates course

Instructor

1. Create course

Course

2. Await for Admin's approval

Admin

4. Reject

3. Approve

4.1. Instructor has to re-evaluate course content

Justify

3.1. Course is shown on course list

Shown
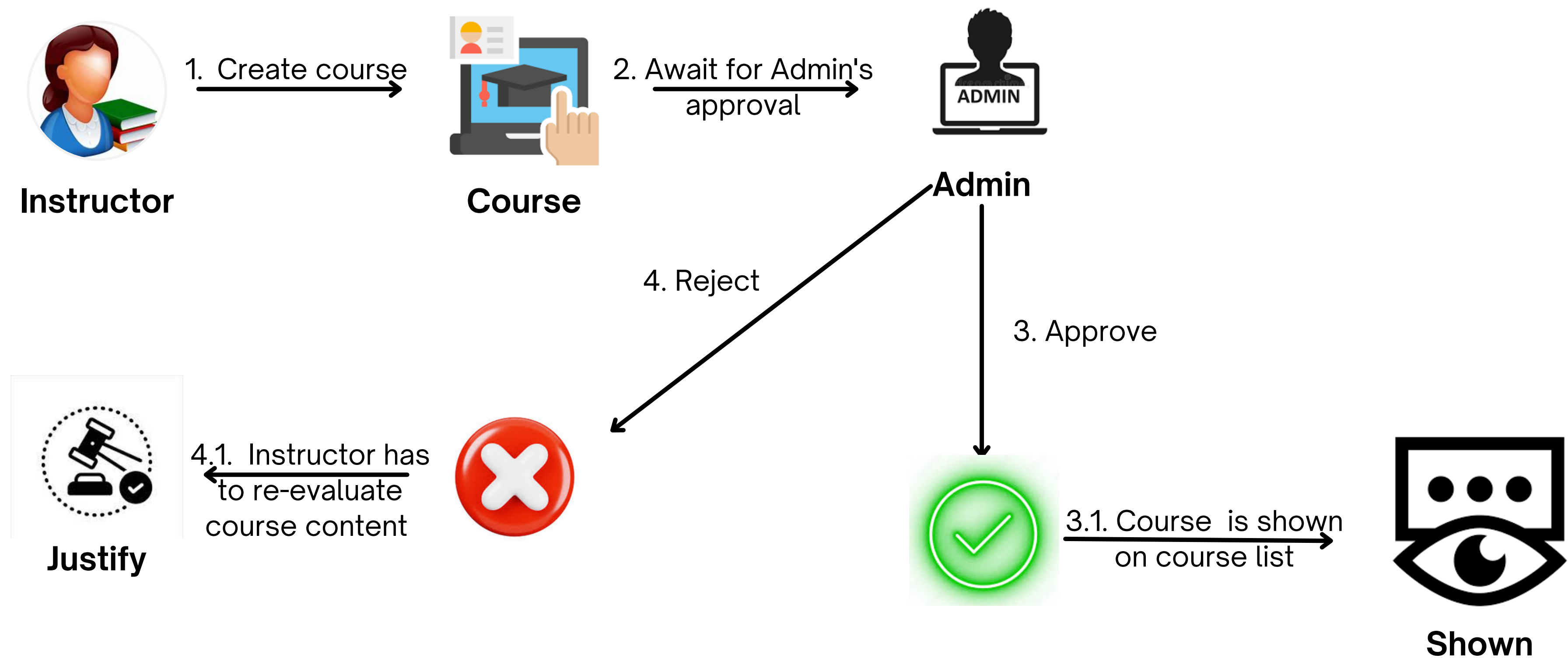
DEMONSTRATION

Scenario 5: Instructor views report & manages course

Instructor

2. View self course →

Course

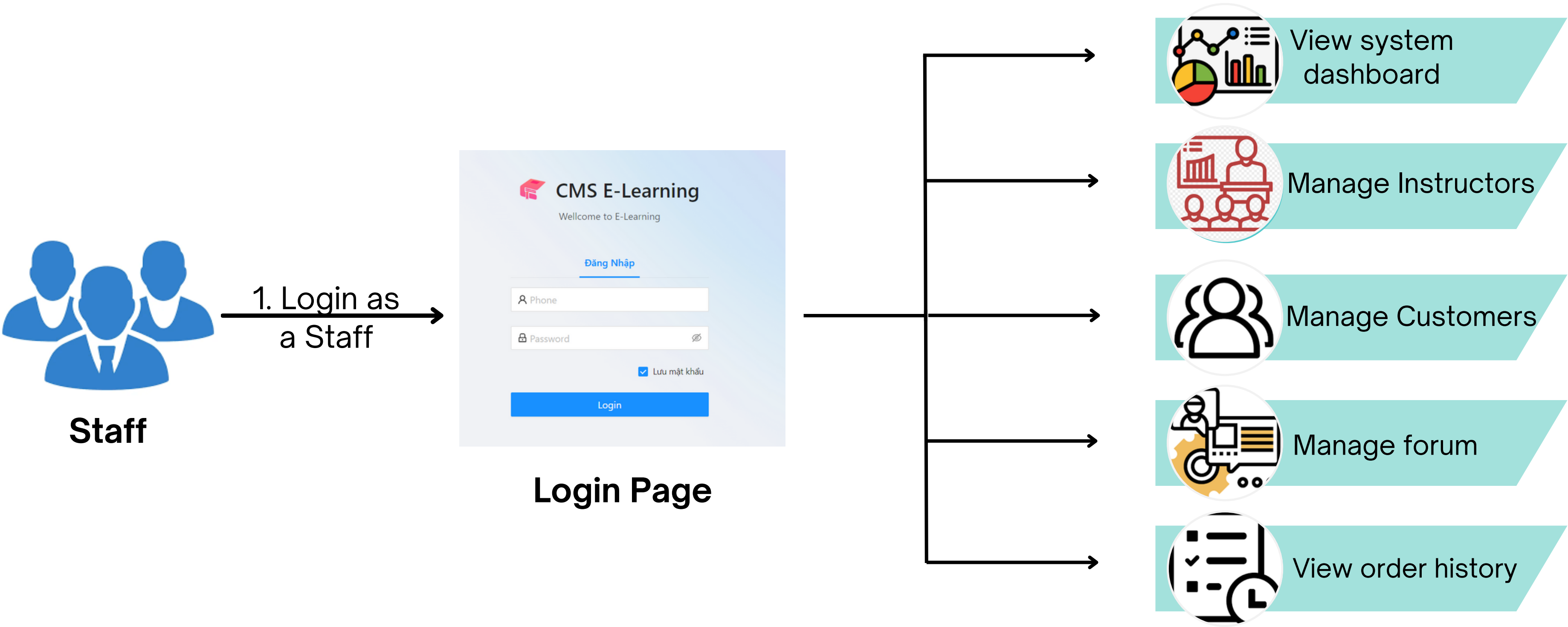3. Manage course →

Edit course

1. View business statics

4. View course after update

DEMONSTRATION

Scenario 6: Staff manages accounts of Instructors & Customers

Staff

1. Login as a Staff

CMS E-Learning
Wellcome to E-Learning

Đăng Nhập

Phone

Password

☑ Lưu mật khẩu

Login

Login Page

View system dashboard

Manage Instructors

Manage Customers

Manage forum

View order history

DEMONSTRATION

Scenario 7: Admin Oversees the platform

ADMIN

1. Login as Admin

CMS E-Learning
Wellcome to E-Learning

Đăng Nhập

Phone

Password

☑ Lưu mật khẩu

Login

Login Page

View system dashboard

Manage Staffs

Manage Instructors

Manage Customers

Manage courses

Manage forum

View system order history
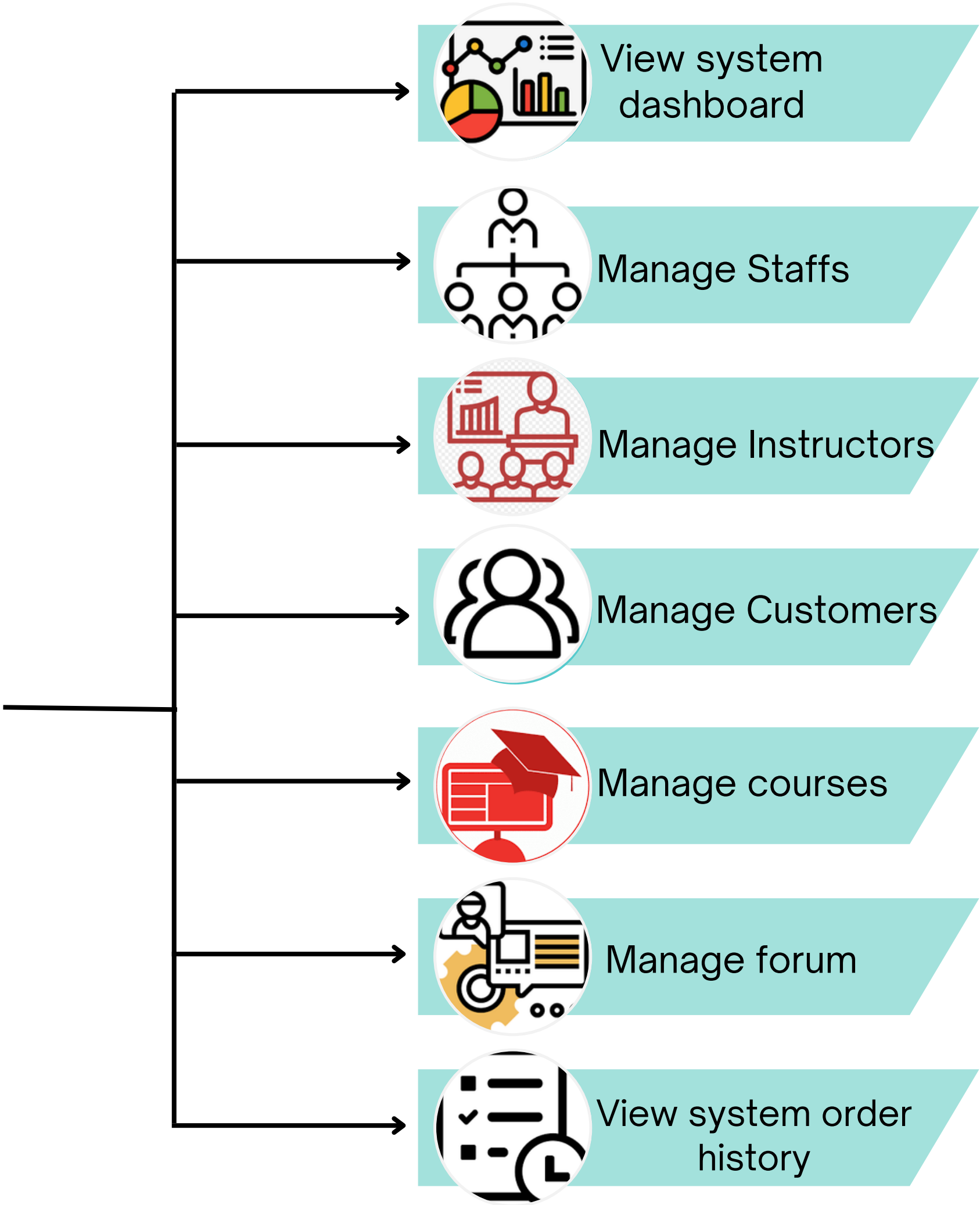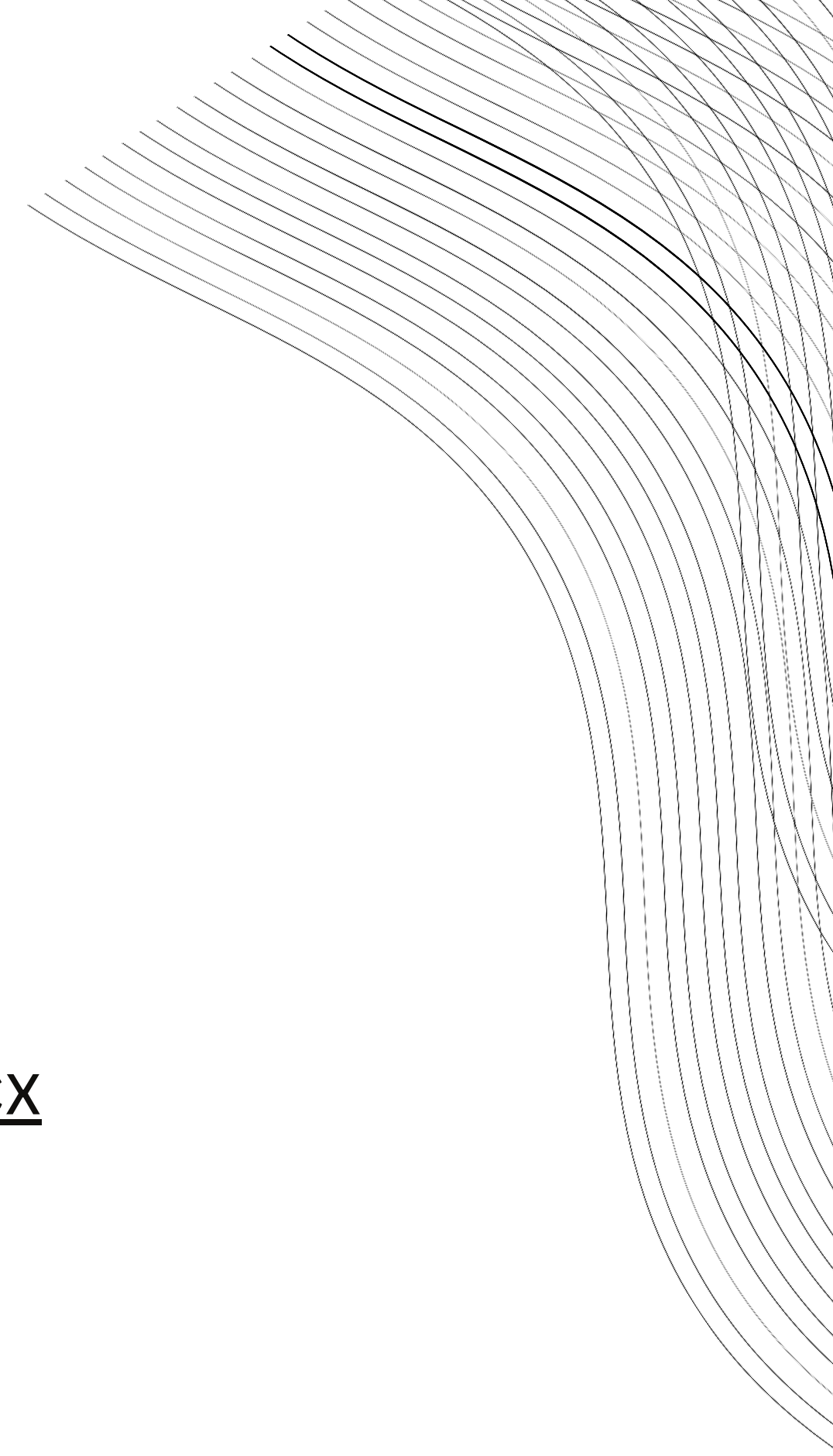
OUTCOMES

Lessons Learned

- Teamwork skills
- Project management
- Enhance Technological Knowlegde

Application Achievement

- Create full basic function for Course sale platform
- GitHub
- Document: SRS_DrawingCourseSellingPlatform.docx

Limitations

- Multiple payment gateways
- Multiple languages support
- Refund policy for unsatisfied customer

THANK YOU FOR YOUR ATTENTION!

Q & A