# Selling Online Course System

## Project Introduction

| Acronym | Definition |
| --- | --- |
| API | Application Program Interface |
| BA | Business Analysis |
| BR | Business Rule |
| CRUD | Create, Read, Update, Delete |
| DB | Database |
| DBMS | Database Management System |
| EC2 | Elastic Compute Cloud |
| ERD | Entity Relationship Diagram |
| FK | Foreign Key |
| IDE | Integrated Development Environment |
| IT | Information Technology |
| JS | Javascript |
| PK | Primary Key |
| PM | Project Manager |
| QA | Quality Assurance |
| RDS | Relational Database Service |
| S3 | Simple Storage Service |
| SRS | Software Requirement Specification |
| UAT | User Acceptance Test |
| UC | Use Case |
| UI | User Interface |
| UML | Unified Modeling Language |
| UX | User Experience |
| WBS | Work Breakdown Structure |

Page Break

# I. Project Report

## 1. Status Report

| # | Work Item | Status | Notes (Work Item in Details) |
|---|---|---|---|
| 1 | Overview | Completed | Project's name, Project's type. Timeline… |
| 2 | Product Background | Completed | |
| 3 | Existing System | Completed | |
| 4 | Business Opportunity | Completed | |
| 5 | Software Product Vision | Completed | |
| 6 | Project Scope & Limitations | Completed | |

## 2. Team Involvements

| # | Task | Member | Notes (Task Details, etc.) |
|---|---|---|---|
| 1 | Overview | KienNT | |
| 2 | Product Background | KienNT | |
| 3 | Existing System | MaiPNH | |
| 4 | Business Opportunity | MaiPNH | |
| 5 | Software Product Vision | DucPM | |
| 6 | Project Scope & Limitations | DucPM | |

## 3. Issues/Suggestions

| # | Issue | Status | Notes (Solution, Suggestion, etc.) |
|---|---|---|---|
| 1 | | Pending | |
| 2 | | In Progress | |
| 3 | | Completed | |

# II. Project Introduction

## 1. Overview

### 1.1. Project Information

- Project name: **Selling online course**
- Project code: **SOCS**
- Group name: **SWP391_Gruop4**
- Software type: **Website**
- Timeline: May 8,2023 – July ,2022

### 1.2 Project Team

#### a. Super-visor

| Full Name | Email | Mobile | Title |
|-----------|-------|--------|-------|
| Nguyen Thanh Y | | | Lecturer |

#### b. Team Members

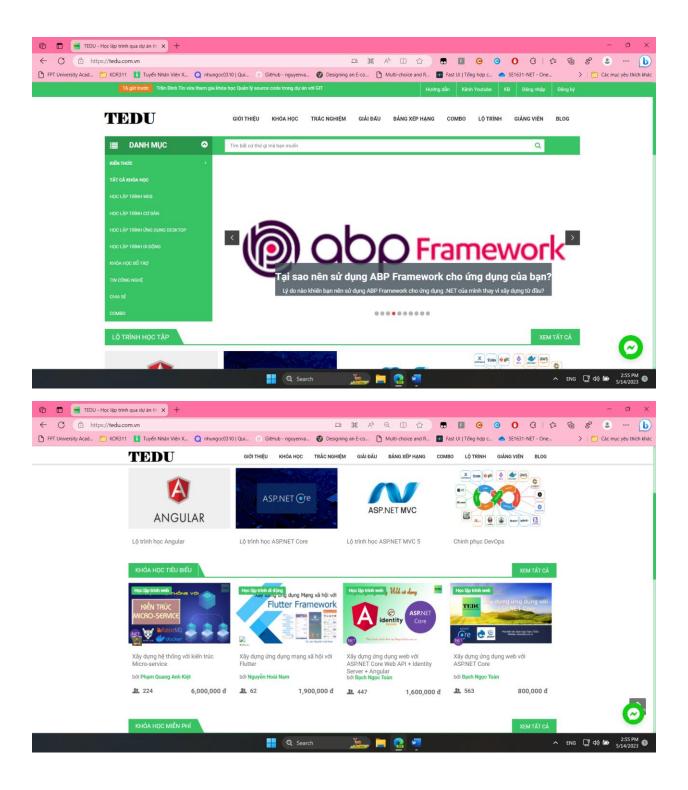| Full Name | Email | Mobile | Role |
|-----------|-------|--------|------|
| Nguyen Trung Kien | Kiennthe163628@fpt.edu.vn | 0943494158 | Team Leader |
| Luu Duc Tung | | | Developer |
| Pham Ha Ngoc Mai | | | Developer |
| Pham Minh Duc | | | Developer |

## 2. Product Background

### 2.1.Reasons to develop this project

Online learning has undergone significant development in recent years. With the increasing popularity of online learning platforms, the demand for online courses is increasing day by day. Developing an Online Course Sale system allows you to tap into this growing market and provide learners with a convenient and easy way to access educational content.

## 3. Existing System

## 3.1 TEDU (TEDU - Học lập trình qua dự án thực tế)

### 4.Business Opportunity

- Make Money From Selling Courses: Online Course Selling System allows you to generate a steady source of income from selling courses. You can partner with experts, instructors or course authors and collect fees from selling their courses on your platform. This presents an attractive business opportunity, especially as e-learning platforms are becoming a popular method of learning.
- Service fees and commissions: In addition to selling the course, you can collect service fees from the course instructors or authors. This may include providing tools, resources, and technical support to instructors during course creation and administration. You can also charge a commission for course sales made through your platform.

### 5. Software Product Vision

- The system aims to empower course creators by providing them with a user-friendly platform to showcase their expertise and monetize their knowledge. It will offer robust tools and features to help them create, manage, and market their online courses effectively.

### 6. Project Scope & Limitations

6.1.Major feature

There are 4 types of users in **SOCS** system

| Type of User | Description |
|---|---|
| Guest | People who use the system without login. They can only use some basic feature but cannot use advanced feature like buy course, add course, … |
| User | People who have logged into the system. They can use all features of the buyer. |

| Mentor | People who have logged into the system. They can use all features of the mentor. |
|---|---|
| Administrator | People who use management systems. They have the most powerful rights in the system such as managing accounts, orders, feedback,courses,news,… |

**SOCS System supplies the following functions:**

## Guest:

- Authentication: Register user account, Register mentor account
- Guest Interact: View home page, view all Course by Mentor, view all Course by Course Type, Search All Course, Search All Course, Register User Account, Vierw News
- Recommendation: View top course/mentor

## User:

- Authentication: Login, Logout, Forget password
- User Interact: View home page, view all Course by Shop, view all Course by Course Type, Search All Course, Search All Shop, Shopping cart, Buy Course
- Setting: Edit profile

## Seller:

- Authentication: Login, Logout, Forget password
- Manager Shop Product: View all products, Add Courses, Edit Courses,delete courses
- Manager Order Product: View list Order, Edit Status Order
- Shop Manager: View rate, Revenue
- Manager User: Buyer List
- Setting: Edit profile, Edit shop

## Administrator:

- Authentication: Login, Logout
- User management: Add user, Search user, Delete user, Reset password for user, View list User, Up role user to seller

- Seller management: Search Mentor, Delete metor, Reset password for mentor, View list mentor, Down role Mentor to user
- Manager voucher: Add voucher, Edit voucher, Delete voucher
- Manager Category: Add Course Type , Delete Course Type