**Drawing Course Selling Platform**

**Software Requirement Specifications**

Version: 1.0

Vietnam, October 2023

**Approval Page**

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| --- | --- |
|  | |
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UC-09: Choose Payment Methods

UC-10: View Order History

UC-11: View Learning Course

UC-12: Learning Course

UC-13: View Profile

UC-14: Edit Profile

UC-15: Deactivate Account

UC-16: View Account Detail

UC-17: View Post

UC-18: Create Post

UC-19: Edit Post

UC-20: Remove Post

UC-21: View Statistic

UC-22: Create Course

UC-23: Edit Course

UC-24: Remove Course

UC-25: Verify Course

UC-26: Verify Post

UC-27: View Bill Of Customers

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**5. Wireframe**

**6. Activity Diagram**

# **1. INTRODUCTION**

## **1.1. Purpose**

This document represents the Software Requirements Specification (SRS) of **Drawing Course Selling Platform.** Its purpose is to describe the scope, both the functional and non-functional software requirements, as well as the design constraints of the whole logic sub-component. Furthermore, this document shows how the system's interfaces are designed in detail.

## **1.2. Scope**

**Drawing Course Selling Platform** is the website to help children enhance their thinking and foster a love for art. However, having to study at the center poses many time obstacles, most of the free time is focused on other subjects such as Math, English... Therefore, a platform providing drawing courses will help parents access drawing lessons quickly, so they can study comfortably without expending much effort.

The staff can provide their website information using web-portal. This information will act as the base for the search results displayed to the user. An administrator also uses the web-portal in order to administer the system and keep the information accurate. Furthermore, the instructors can manage their course and grade their students’ projects.

## **1.3. Definitions, Acronyms, and Abbreviations**

|  |  |
| --- | --- |
| **Acronym** | **Definition** |
| Customer | A person who signed in as a customer, the purpose is to buy and learn courses. |
| Instructor | A person who signed in as an instructor, the purpose is to create, manage and sell courses. |
| Staff | A person who signed in as a staff, the purpose is to manage instructor and customer accounts, posts. |
| Administrator | A person who signed in as an admin, the purpose is to manage overall accounts, courses, posts. |

## **1.4. References**

**This subsection is purpose to:**

❖ Provide a complete list of all documents referenced elsewhere in the SRS.

❖ Identify each document by title, report number (if applicable), date and publishing organisation.

❖ Specify the sources from which the references can be obtained.

This information may be provided by reference to an appendix or to another document

|  |  |  |
| --- | --- | --- |
| **Title** | **Reference** | **Description** |
| Udemy | [Udemy](http://udemy.com) | Refer Template and Content |
| Edumall | [Edumall](http://edumall.vn) | Refer Template and Content |

## **1.5. Overview**

The document provides an overview of the product's functionality. It describes the informal requirements and is used to establish the context for the specification in the next chapter.

The third chapter, the Functional Requirements section, of this document is written to describe the functionality of the product in technical terms including its use-cases and details.

The fourth chapter, the Non-functional Requirements section, of this document is written to describe in detail the non-functionality of the product, defining how a system should look like.

The fifth chapter, the Database section, of this document is written to describe in detail the database (specifically, ERD and Relation Schema) of the product, defining how data are stored and organised.

The last chapter, is the Supporting Information section, of this document provides the supporting information that makes the SRS easier to use. It includes:

* Table of contents
* Index
* Appendices and be considered part of the requirements or not.

# **2. OVERALL DESCRIPTION**

## **2.1. Product Overview**

### **2.1.1. Customer Requirements** Members are people who have signed in to the website with the “Customer” role. They can use all these following ones:

* Sign Up, Login,Log Out, Forget Password
* View, Search Course list
* View Course Details
* Learning Course
* View Learning/ Finished Course(s)
* Rate and feedback courses
* View Order History
* Post/ comment opinion on forum

### 

### **2.1.2. Instructor Requirements** Members are people who have logged in to the website with the “Instructor” role. They can use all these following ones:

* Login / Sign up/ Forget Password
* View/ Search Courses
* View/ Create/ Edit/ Pause Courses
* View/ Edit Profile
* Post/ comment opinion on forum
* Get Business Statistics

### 

### **2.1.3. Staff Requirements** Members are people who have logged in to the website with the “Staff” role. They can use all these following ones:

* Sign in/ Sign Up
* View/ Edit Profile
* Search and filter profile
* Create/ Inactivate Post
* Get Business Statistics

### 

### **2.1.4. Admin Requirements** Members are people who have logged in to the admin dashboard website with “Admin” role. They can use all Guest’s functions, plus these following ones:

* Login/ Logout.
* View/ Search Courses
* Organise all Accounts
* Verify Accounts that signed up to be Instructors
* Verify Courses that are uploaded by Instructors.
* Get Business Statistics

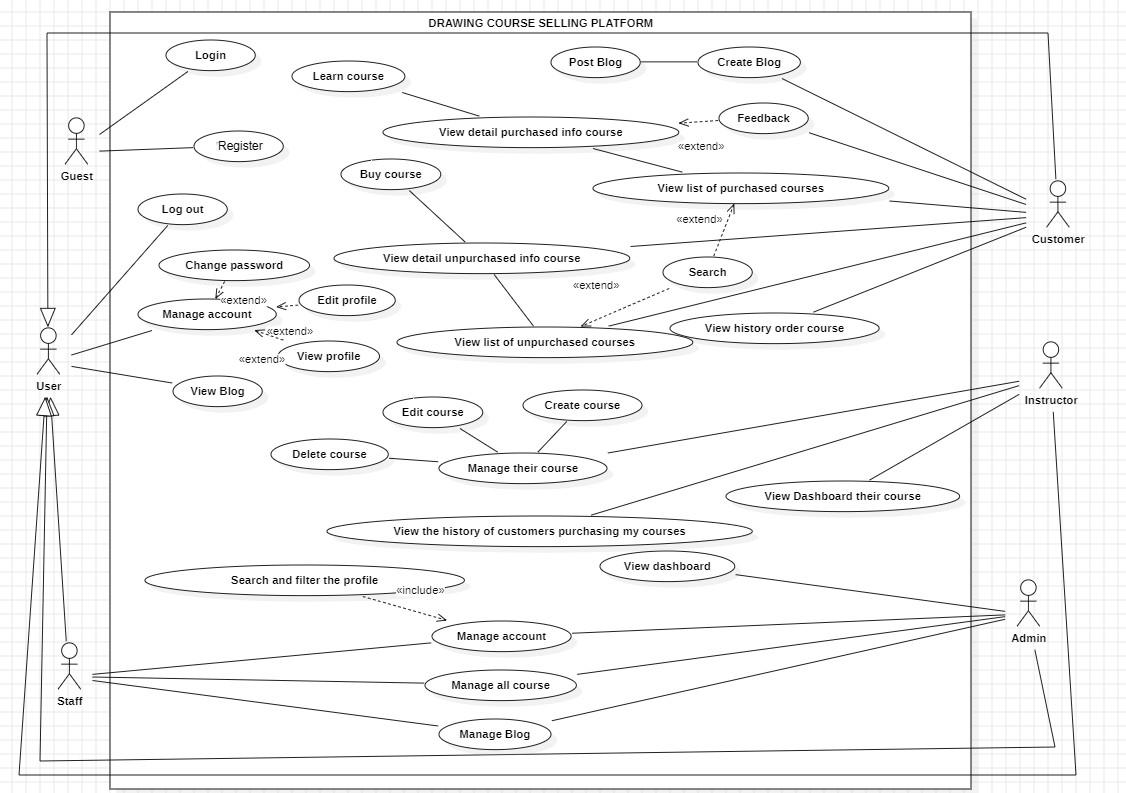
## **2.2. Business Rules**

|  |  |
| --- | --- |
| **ID** | **Rule Definition** |
| BR-01 | The notification sent to the user must be a push notification, it can show on the device's screen. If the device is turned off, the message should appear again when the user opens the device. |
| BR-02 | Both customers and distributors must complete the basic profile before doing any action. |
| BR-03 |  |
| BR-04 |  |
| BR-05 |  |
| BR-06 |  |
| BR-07 |  |
| BR-08 |  |
| BR-09 |  |
| BR-10 |  |

## 

# **3. FUNCTIONAL REQUIREMENT**

## **3.1. Use Case Diagram:**



## **3.2. Use Case List**

|  |  |  |
| --- | --- | --- |
| ID | UseCase | Primary Actor |
| UC-01 | Sign In | All Actors |
| UC-02 | Sign Up | All Actors |
| UC-03 | Log Out | All Actors |
| UC-04 | Forget Password | All Actors |
| UC-05 | Search Course | All Actors |
| UC-06 | View Course | All Actors |
| UC-07 | View Course Detail | All Actors |
| UC-08 | Check Out | Customer |
| UC-09 | Choose Payment Methods | Customer |
| UC-10 | View Order History | Customer |
| UC-11 | View Learning Course | Customer |
| UC-12 | View Finished Course | Customer |
| UC-13 | Learning Course | Customer |
| UC-14 | View Profile | All Actor |
| UC-15 | Edit Profile | All Actor |
| UC-16 | Deactivate Account | Customer |
| UC-17 | Disable Account | Customer |
| UC-18 | View Account Detail | Admin |
| UC-19 | View Post | All Actors |
| UC-20 | Create Post | Instructor |
| UC-21 | Edit Post | Instructor |
| UC-22 | Inactive Post | Staff, Admin |
| UC-23 | View Statistic | Instructor, Admin |
| UC-24 | Create Course | Instructor |
| UC-25 | Edit Course | Instructor |
| UC-26 | Inactive Course | Admin |
| UC-27 | Verify Post | Staff |
| UC-28 | View History of Customer | Staff |

## 

## **3.3. Use Case Detail:**

### **UC-01: Sign In**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-01: Sign In** | | |
| Created By: | Nguyen Van Minh | Date Created: | 28/10/2023 |
| Primary Actor: | All Actor | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Usually |
| Trigger: | The actor wants to sign in to the Drawing Course Online Website. | | |
| Description: | This feature allows actor to login the system | | |
| Preconditions: | Actor has a email account that has registered before | | |
| Post-conditions: | Success: Redirect to actor’s home page  Fail: The system shows error message corresponding to error code | | |
| Normal Flow: | Flow 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In sign in page, Actor inputs userName and passwords |  | | 2 | Actor clicks “Sign in” | System redirects to the home page | | | |
| Alternative Flow: | Flow 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In sign in page, Actor clicks on the Google icon | System shows a list of google accounts of users | | 2 | Actor clicks the account they want to use to sign in | System redirects to the home page | | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | The userName or password is not correct | System informs “useName or password is incorrect” | | | |
| Business Rules: |  | | |
| Assumptions: | * Actor’s internet connection is available * Actor has signed up Website account or Google Account before | | |

### **UC-02: Sign Up**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-02: Sign Up** | | |
| Created By: | Nguyen Van Minh | Date Created: | 28/10/2023 |
| Primary Actor: | Customer | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Usually |
| Trigger: | The actor wants to register an account in Drawing Course selling Website | | |
| Description: | This feature allows actor to create new account to become customer in the system | | |
| Preconditions: | Actor has an email that has been authorised (Google, Facebook, … ). | | |
| Post-conditions: | Success: Send verify mail to email registered customer need to click link active, then send customer to login page  Fail: The system shows error message corresponding to error code or don’t receive verify email | | |
| Normal Flow: | Flow 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In the login page, actor clicks “Đăng ký ngay” | System shows a form with these fields:  - “Email”: a text input, a string input must follow the email regex ).  - “Họ và Tên”: a text input, a string input is not empty.  - Date of Birth: date is not empty.  - UserName: a text input, a string input is not empty.  - Password/Confirm password: two strings must be identical, not empty and at least 8 characters, include lowercase, at least 1 uppercase, at least 1 number. | | 2 | Actor inputs email, full name, date of birth, username, password, confirmation password. |  | | 5 | Actor clicks “Sign Up” | System checks the validations. If correct, create new customer account and redirect to home page | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | At least UserName, Full Name, Date of Birth input is empty | System shows an error message corresponding to the fail constraint. | | 2 | Email is not existed | System detects that the registered email does not exist, then shows a warning error. | | 3 | Password and Confirm Password input field doesn’t match each other or format | System shows an error message corresponding to the fail constraint. | | | |
| Business Rules: | N/A | | |
| Assumptions: | * Actor’s internet connection is available | | |

### **UC-03: Log Out**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-03: Sign Out** | | |
| Created By: | Nguyen Van Minh | Date Created: | 28/10/2023 |
| Primary Actor: | All Actor | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Usually |
| Trigger: | The actor wants to sign out to the Drawing Course Online Website. | | |
| Description: | This feature allows actor to sign out the system | | |
| Preconditions: | Actor has already logged in Website | | |
| Post-conditions: | Success: Redirect to Home Page with no role  Fail: The system shows error message corresponding to error code | | |
| Normal Flow: | Flow 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In navigation bar, actor clicks “Sign Out” | System redirects to the default home page | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Business Rules: | N/A | | |
| Assumptions: | * Actor’s internet connection is available * Actor has signed up Website account or Google Account before | | |

### **UC-04: Forget Password**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-04: Forget Password** | | |
| Created By: | Nguyen Van Minh | Date Created: | 29/10/2023 |
| Primary Actor: | All Actor | Secondary Actors: | N/A |
| Priority: | Normal | Frequency of Use: | Occasionally |
| Trigger: | The actor forget password while signing in to the Drawing Course Online Website. | | |
| Description: | This feature allows actor to get OTP to login in the system | | |
| Preconditions: | Actor has a Google Account or website account that has registered before | | |
| Post-conditions: | Success: The system send OTP code to actor’s mail  Fail: The system shows error message corresponding to error code | | |
| Normal Flow: | Flow 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In sign in page, actor clicks “forgot password” | System redirects to the forgot password page | | 2 | Actor input userName, gmail | The system send OTP code to actor’s gmail | | 3 | Actor input OTP code and change new password |  | | 4 | Actor clicks “Change Password” | System redirects to the sign in page | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | The userName or gmail is not correct or not registered | System informs “userName or gmail is incorrect” | | | |
| Business Rules: | * The system must send OTP code when actor forget password | | |
| Assumptions: | * Actor’s internet connection is available * Actor has signed up Website account or Google Account before | | |

### **UC-05: Search Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-05: Search Course** | | |
| Created By: | Nguyen Van Minh | Date Created: | 29/10/2023 |
| Primary Actor: | All Actor | Secondary Actors: | N/A |
| Priority: | Normal | Frequency of Use: | Often |
| Trigger: | The actor wants to search courses in Website | | |
| Description: | This feature allows actors to search for courses that contain details of the keyword, or filter. | | |
| Preconditions: | N/A | | |
| Post-conditions: | Success: Search Results have been generated based on the actor's search keywords or categories. This result needs to be displayed for the actor to see.  Fail: The system shows message “No data” | | |
| Normal Flow: | Flow 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In the homepage, the actor types the keyword into the search textbox. |  | | 2 | Actor clicks on the “search” icon. | System shows the list of courses containing the keyword. |   Flow 2:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In the homepage, the actor chooses the categories |  | | 2 | Actor clicks on each of the category’s button | System shows the list of courses that available with that genres. | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | Result is empty. | System shows the message “No data”. | | | |
| Business Rules: | * All courses must have a record in the storage and still be available. | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-06: View Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-06: View Course** | | |
| Created By: | Dao Xuan Quy | Date Created: | 29/10/2023 |
| Primary Actor: | All Actor | Secondary Actors: | N/A |
| Priority: | Normal | Frequency of Use: | Usually |
| Trigger: | The actor wants to view the list of courses. | | |
| Description: | This feature allows actors to view courses. | | |
| Preconditions: | N/A | | |
| Post-conditions: | Success: The system shows lists of courses.  Fail: System informs “No data” . | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | After the actor clicks “Courses” page on navigation bar | System shows the list of courses. | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | Result is empty. | System shows the message “No data”. | | | |
| Business Rules: | * The course must have a record in the storage and still be available. * All information in the list must be clear and up-to-date. | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-07: View Course Detail**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-07: View Course Detail** | | |
| Created By: | Dao Xuan Quy | Date Created: | 29/10/2023 |
| Primary Actor: | All Actor | Secondary Actors: | N/A |
| Priority: | Normal | Frequency of Use: | Usually |
| Trigger: | The actor wants to view the course in detail. | | |
| Description: | This feature allows actors to view information about a specific course such as instructor name, level, type, … . | | |
| Preconditions: | N/A | | |
| Post-conditions: | Success: The system shows lists of courses.  Fail: System informs “No data” . | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | After the actor clicks any courses | Redirect to the course detail information page. The website shows course detail information such as:   * Name * Price * Picture * Description * Instructor Name * Level * …   And below page shows “add to cart” and “Buy Now”button | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Business Rules: | * All information in the list must be clear and up-to-date. | | |
| Assumptions: | Actor’s internet connection is available | | |

### 

### **UC-08: Checkout**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-08: Check out** | | |
| Created By: | Tran Minh Ngoc Phuc | Date Created: | 30/10/2023 |
| Primary Actor: | Customer | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Usually |
| Trigger: | The actor wants to buy a course in website | | |
| Description: | The actor need to buy course by online banking to have right access course to learn | | |
| Preconditions: | N/A | | |
| Post-conditions: | Success: Notice payment successfully and can right to access course | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Access the Learning Platform:  Open a web browser and access the learning platform's website. | The learning platform's homepage loads, and you can see the available courses and features. | | 2 | Search for a Course:  Use the platform's search function to find and select the course of your interest | The platform provides a search bar where you can enter keywords. As you type, the system suggests relevant courses, making it easier to find the course of your choice. | | 3 | View Course Information:  The website will display detailed information about the course, including its name, description, instructor, duration, price, and user ratings (if available). | When you select a course, the platform displays a dedicated course page with detailed information, including the course title, description, instructor's credentials, course duration, pricing, and user reviews. | | 4 | Buy in the Course:  Choose the course you want to join by clicking on the "Buy now" button in course detail . | When clicking the “Buy now” in course detail site it leads to checkout. | | 5 | Payment:  If you click on the “Payment” button on the checkout page, it will lead to the VNPAY web ( just one way to pay), the actor can choose a way to buy in VNPAY pages like Card, Online Banking,... | After click “Payment” button, the information total will send to VNPAY to proceed with payment | | 6 | Completing Payment  In filling information site, the actor have to fill detail account banking correctly to check this is a correct payment and complete payment | The result will return server side to generate data to the actor in the screen, if the payment is done successfully it will return information of payment and information bought of course. | | 7 | Have right to access bought course:  It will have a link learning course in page, the actor can click on this link to go directly the course that is bought | The system to let the actor have a right to enrol in a course and tracking activity of learning in this course for each the actor | | | |

### **UC-10 : View Order History**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-10: View order history** | | |
| Created By: | Tran Minh Ngoc Phuc | Date Created: | 02/11/2023 |
| Primary Actor: | Customer | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Usually |
| Trigger: | The actor wants to see history order | | |
| Description: | When buy a course successfully the actor can see order information about detail information bought course and payment transtraction information to check and see when needed | | |
| Preconditions: | N/A | | |
| Post-conditions: | Success: show table including order detail and payment information | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Access the Learning Platform:  Open a web browser and access the learning platform's website. | The learning platform's homepage loads, and you can see the available courses and features. | | 2 | Login into website:  The actor has a account to login and the role is customer to have right seeing order bill | After go to see order bill, login is needed to identify the actor account to get order data | | 3 | Go to history order  In account tag in header, the actor click on history order button to see what they need | The website provides feature to see detail order and detail payment to check when needed | | 3 | View Order Information:  The website will show all of order of the actor in a table, the actor can see order by date | All information of order including order detail, transaction detail and status of order can | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Business Rules: | N/A | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-11: View Learning Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-11: View Learning Course** | | |
| Created By: | Tran Minh Ngoc Phuc | Date Created: | 03/11/2023 |
| Primary Actor: | Customer | Secondary Actors: | N/A |
| Priority: | Medium | Frequency of Use: | Often |
| Trigger: | The actor wants to view their learning course after buying. | | |
| Description: | This feature allows actors to view what course they have chosen to learn such as progress, expired day, … | | |
| Preconditions: | The actor must login to their account as “Customer” role | | |
| Post-conditions: | Success: System shows learning courses  Fail: The system shows the message “You haven’t bought any course yet!” | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In Edit account, Actor clicks “Learning” section | System redirects to the learning page and shows some courses that are still in progress and a “learning” link. | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | There is no course that has been learned | System informs the message “You haven’t bought any course yet!” | | | |
| Business Rules: | N/A | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-12: View Finished Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-12: View Finished Course** | | |
| Created By: | Tran Minh Ngoc Phuc | Date Created: | 03/11/2023 |
| Primary Actor: | Customer | Secondary Actors: | N/A |
| Priority: | Medium | Frequency of Use: | Often |
| Trigger: | The actor wants to view their learning course after buying. | | |
| Description: | This feature allows actors to view what course they have chosen to learn such as progress, expired day, … | | |
| Preconditions: | The actor must login to their account as “Customer” role | | |
| Post-conditions: | Success: System shows learning courses  Fail: The system shows the message “You haven’t bought any course yet!” | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In Edit account, Actor clicks “Learning” section | System redirects to the learning page and shows some courses that are still in progress and a “learning” link. | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | There is no course that has been learned | System informs the message “You haven’t bought any course yet!” | | | |
| Business Rules: | N/A | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-13: Learning Course**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-13: Learning Course** | | |
| Created By: | Nguyen Minh Hien | Date Created: | 03/11/2023 |
| Primary Actor: | Customer | Secondary Actors: | N/A |
| Priority: | Medium | Frequency of Use: | Often |
| Trigger: | The actor wants to view their learning course after buying. | | |
| Description: | This feature allows actors to learn a course. | | |
| Preconditions: | The actor must login to their account as a “Customer” role, and choose a course to learn. | | |
| Post-conditions: | Success: System shows learning courses  Fail: The system shows the message “You haven’t bought any course yet!” | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actors choose one of each module. |  | | 2 | In each module, actor choose lesson | System shows video and description of that lesson | | 3 | Actor choose to do assignment when finished lesson | System shows assignment and description of that topic with choose file and “Submit” button | | 4 | Actor choose file and clicks “Submit” button | System shows message “Your submission is successful” | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | The file is invalid | System informs the message “Your submission is not successful” | | | |
| Business Rules: | N/A | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-14: View Profile**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-14: Add Instructor** | | |
| Created By: | Nguyen Minh Hien | Date Created: | 04/11/2023 |
| Primary Actor: | Staff | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Often |
| Trigger: | The actor wants to add a new instructor | | |
| Description: | This feature allows the actor to add a detailed profile such as name, date of birth, account id, password,... | | |
| Preconditions: | The actor must login to their account as “Staff” role | | |
| Post-conditions: | Success: System shows the staff’s management page | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In staff’s management page, actor clicks management instructor -> all instructor section | System redirects to the page showing:   * Account ID * Password * Confirm password * Name * Date of Birth * Role (Default: Instructor) * Email * Image | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Business Rules: | N/A | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-15: Edit Profile**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-15: Edit Instructor** | | |
| Created By: | Nguyen Minh Hien | Date Created: | 04/11/2023 |
| Primary Actor: | Staff | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Often |
| Trigger: | The actor wants to edit instructor | | |
| Description: | This feature allows actor to change instructor’s name, email and/or date of birth | | |
| Preconditions: | The actor must login to their account as “Staff” role | | |
| Post-conditions: | Success: System shows the changed information | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | In staff’s management page, actor clicks management instructor -> all instructor section | System redirects to the management showing:   * Name * Email * View history button * Contact * Address * Date of Birth | | 2 | Actor clicks personal information card | System shows a form containing textbox for:   * Name * Address * Date of Birth | | 3 | Actor inputs the form and clicks “save” button | System shows a new information profile page. | | | |
| Alternative Flow: | N/A | | |
| Exceptions: | N/A | | |
| Business Rules: | The date of birth textbox must be imputed by choosing a day from the calendar. | | |
| Assumptions: | Actor’s internet connection is available | | |

### 

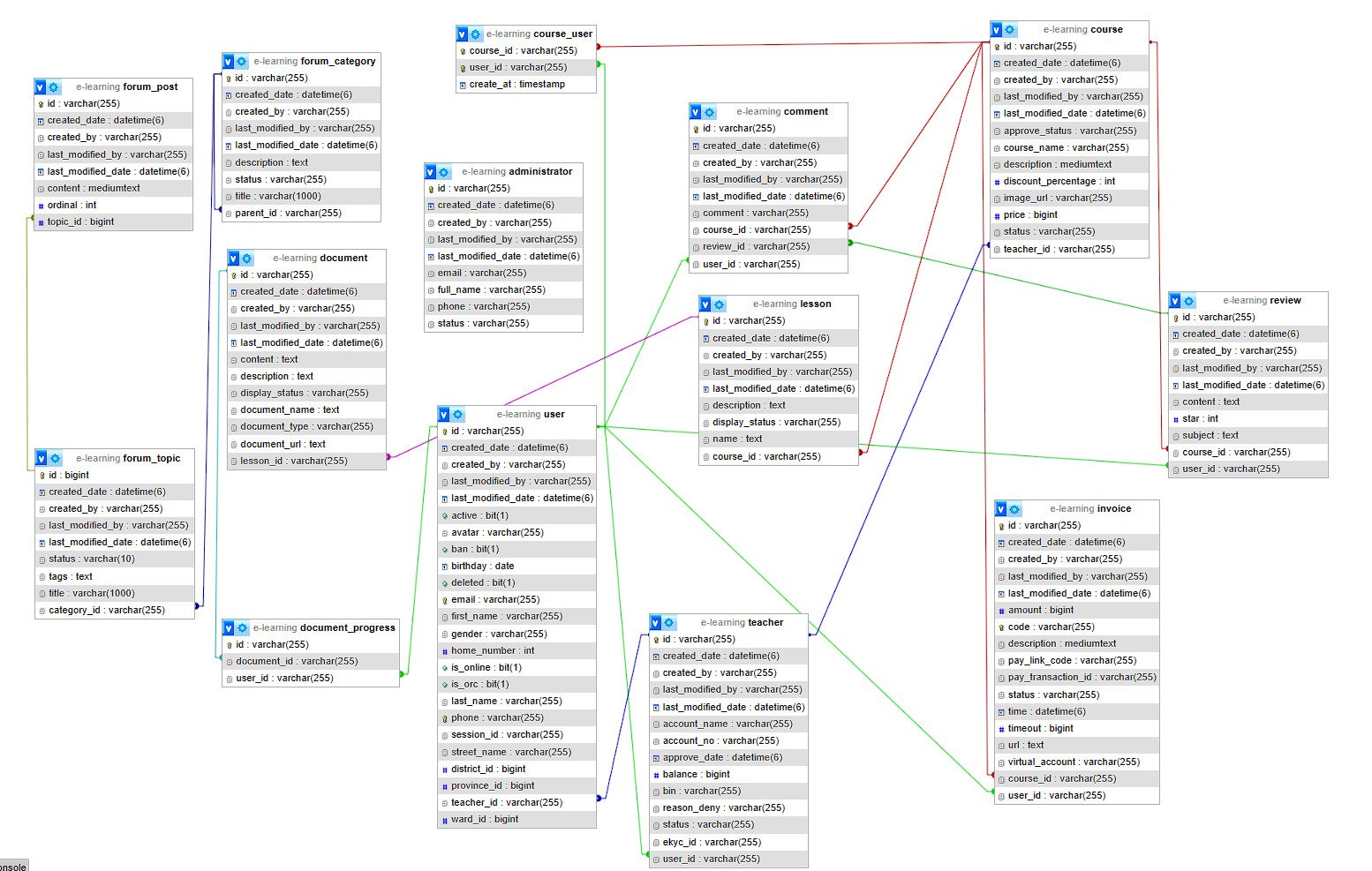
### **UC-16: Deactivate Accounts**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-16: Deactivate Accounts** | | |
| Created By: | Nguyen Minh Hien | Date Created: | 05/11/2022 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Priority: | Normal | Frequency of Use: | Often |
| Trigger: | The actor wants to modify detailed information of accounts. | | |
| Description: | This feature allows Admin to update accounts. | | |
| Preconditions: | * User has logged in as Admin successfully. * Current screen is the “Account List” screen. | | |
| Post-conditions: | Success: System shows a dialog with a successful message when the account has been modified successfully in the database.  Fail: System shows a dialog with specified error message. | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on Account detail’s card in page “Manage Account”.  **[Alternative 1]** | System shows a form with these fields:   * Name: text * Email: text * Phone: text * Gender: text * Birthday: text * Avatar: image | | 2 | Admin fills information, then clicks on the “Update” button. (Alternative A1) | System modifies the fields and redirects to the home screen interface. | | | |
| Alternative Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | User clicks on the “Cancel” button.  **[Alternative 1]** | System closes the pop up. | | | |
| Exceptions: | |  |  |  | | --- | --- | --- | | No | Cause | System Response | | 1 | Existing invalid input. | System informs a specified error message in a popup dialog. | | | |
| Business Rules: | Account just only can be updated by the Admin that created it. | | |
| Assumptions: | Actor’s internet connection is available | | |

### **UC-17: Disable Accounts**

|  |  |  |  |
| --- | --- | --- | --- |
| **ID and Name:** | **UC-17: Disable Accounts** | | |
| Created By: | Nguyen Minh Hien | Date Created: | 05/11/2022 |
| Primary Actor: | Admin | Secondary Actors: | N/A |
| Priority: | High | Frequency of Use: | Often |
| Trigger: | The actor wants to view detailed information about Accounts. | | |
| Description: | This feature allows actors to view details such as Name, Phone, Address, … | | |
| Preconditions: | The account publicises their profile. | | |
| Post-conditions: | Success: Show detail information of accounts  Fail: Show not found page if the account does not exist or the account is not public. | | |
| Normal Flow: | |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Click on Account detail’s card. | Redirect to enterprise detail information page showing enterprise detail information such as:   * Name * Phone * Address * Date of Birth * Contact information (if any)   And 2 Dot Selection with values “Activate” and “Disable”. | | 2 | Actor clicks on the “Activate” button.  **[Alternative 1]** | System redirects to the manage account page and set user’s account as  Active account. | | | |
| Alternative Flow: | 1:   |  |  |  | | --- | --- | --- | | Step | Actor Action | System Response | | 1 | Actor clicks on the “Disable” button. | System redirects to the manage account page and set user’s account as  Disable account. | | | |
| Business Rules: | * Accounts displayed for actors must allow publish status and status of account must be active. * If an actor doesn’t choose age options in a field of filters, the system will respond to all values of these fields and the field age is from 18 to 60 to the actor. | | |
| Assumptions: | Actor’s internet connection is available | | |

# **4. DATABASE:**



# 