

# PHOENIX TEAM

## SYSTEM REQUIREMENTS

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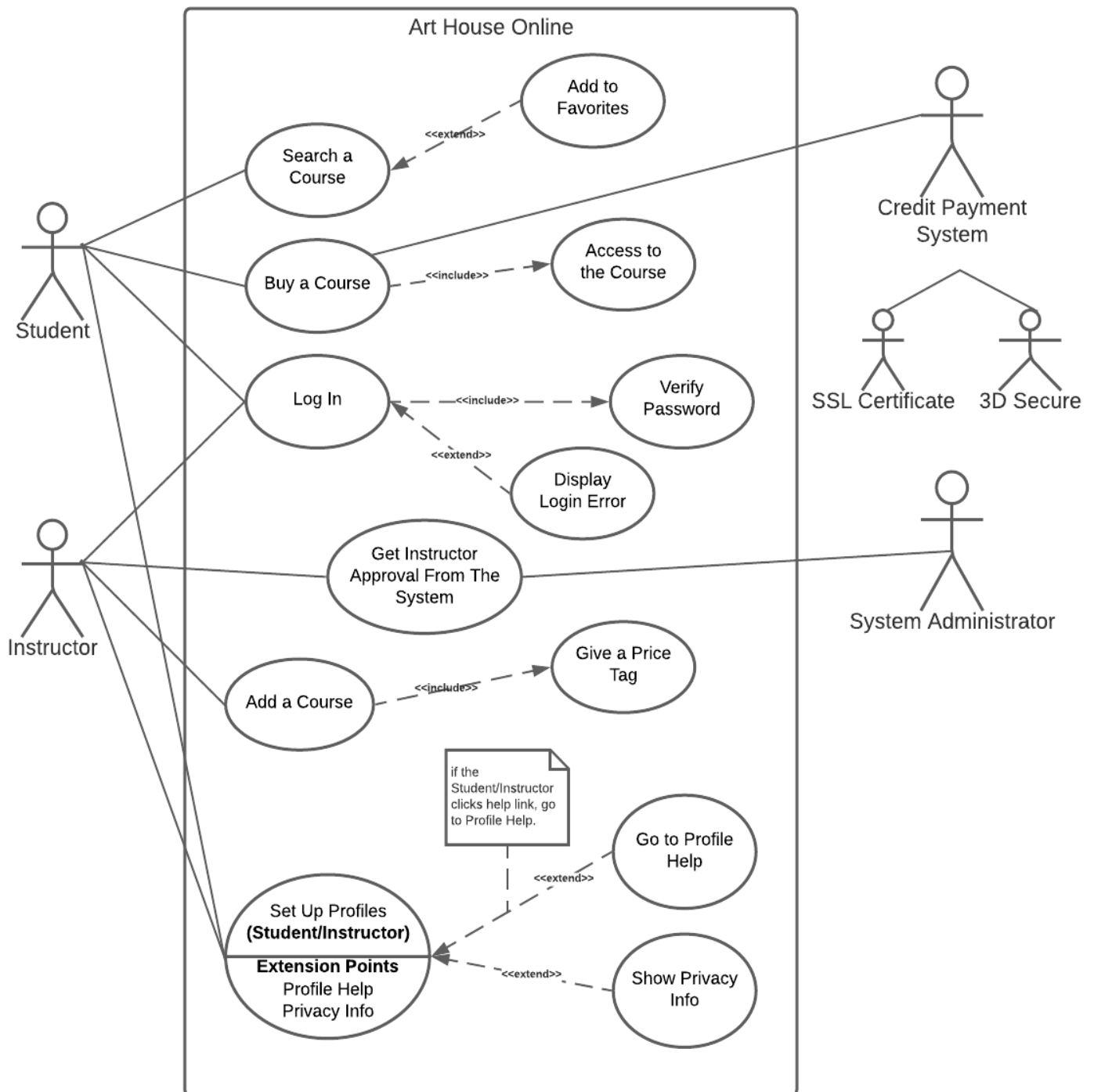
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## System's Functional Requirements

Art House Online is basically an online education system. Generally there will be 2 types of users as students and instructors. Students will be able to buy the courses they want to learn after they are registered in the system. Instructors will offer their courses for a fee.

### Use Case Diagram:



**Primary Actors:** Student, Instructor.

**Secondary Actors:** Credit Payment System, System Administrator.

**The description of each use case is given below.**

**Set Up Profiles:** :To join this platform, users must first create a profile. If the user is an instructor, the user must create an instructor profile, if the user is a student, the user should create a profile from the student part.

**Go to Profile Help:** If the student/instructor clicks help link, go to Profile Help.

**Show Privacy Info:** If the student/instructor clicks Privacy Info link, go to Privacy Info.

**Log In:** Users must log in to the system by entering their e-mail and password.

**Verify Password:** If the login information is correct, they will log into the system correctly.

**Display Login Error:** If at least one of the login information is incorrect, they will get an error like this.

**Search a Course:** The student will use the system's search feature to find and choose the right course for her/him.

**Add to Favorites:** When students want to buy courses later, they can add to favorites those courses and find them later.

**Buy a Course:** Students must pay the course fee in order to access all content of the course.

# Payment is managed and provided by Credit Payment System.

# Credit Payment System includes 3D Secure and SSL Certificate.

**Access to the Course:** Once the course fee is paid, the student can access the course forever.

**Get Instructor Approval From the System:** To add courses to the system, the instructor must get instructor approval from the system.

# the System Administrator will perform the approval process.

**Add a Course:** The instructor must add their courses to the system after getting approval.

**Give a Price Tag:** The instructor must give a price tag to their course after adding it to the system.

## **System's Nonfunctional Requirements**

#The website shall be load fast.

#The website shall support multiple usage, and it shall not create any problems when many users are watching videos.

#The system shall never save users' credit card information without asking users.

#Users must not see other users' earnings.

#This web platform shall be accessed via tablet and phone as well as computer.

## User Stories, Pre- and Post-Conditions are listed below.

EPICS	STORIES	CONDITIONS
<b>Epic 1:</b> <b>As a student, I want to discover a hobby to take up.</b>	<b>Story 1-</b> As a student, I want to set up a profile to log in so that I can take courses.	<b>Pre-contrition:</b> To have an e-mail address. <b>Post-condition:</b> Profiling has been done successfully
	<b>Story 2-</b> As a student, I want to verify password so that I can log in safely.	<b>Pre-contrition:</b> To enter right the e-mail address and password. <b>Post-condition:</b> The system confirmed login.
	<b>Story 3-</b> As a student, I want to see log in error if something is wrong, so that I try to log in again.	<b>Pre-contrition:</b> To enter the wrong e-mail address or password. <b>Post-condition:</b> The system give a login error message
	<b>Story 4-</b> As a student, I want to add courses to favorites when I cannot buy it that time so that I can remember to buy it later.	<b>Pre-contrition:</b> To go to the course's page. To click the "Add Favorites" button. <b>Post-condition:</b> The course has been saved in favorites
<b>Epic 2:</b> <b>As a student, I want to improve my hobby.</b>	<b>Story 1-</b> As a student, I want to search for a specific instructor's course to find the course that fit for my level so that i can improve myself.	<b>Pre-contrition:</b> To enter the instructor's or course's name to the search box. <b>Post-condition:</b> System showed courses suitable for user level.
	<b>Story 2-</b> As a student, I want to buy the course and then access to the course that I want so that i can improve my hobby.	<b>Pre-contrition:</b> To have an credit card. To go to payment page. To enter the informations of the card. <b>Post-condition:</b> The course has become accessible to the student.
<b>Epic 3:</b> <b>As an instructor, I want to teach a course to people.</b>	<b>Story 1-</b> As an instructor, I want to upload my videos about the course so that i can reach more people and relay my informations to them.	<b>Pre-contrition:</b> To have the videos on device. To go to "add course" page. <b>Post-condition:</b> The system saved the course data.
	<b>Story 2-</b> As an instructor, I want to give a price tag for my courses to earn money.	<b>Pre-contrition:</b> To go to "add course" page. To upload the videos. <b>Post-condition:</b> Course pricing is successful.

<p><b>Epic 4:</b> As an instructor, I want to earn money from my students.</p>	<b>Story 1-</b> As an instructor, I want to set up profile to log in so that I can add my courses.	<b>Pre-condition:</b> To have an e-mail address.
		<b>Post-condition:</b> Profiling has been done successfully
	<b>Story 2-</b> As an instructor, I want to get instructor approval mail from the system so that I can log in.	<b>Pre-condition:</b> To set up a profile as an instructor.
		<b>Post-condition:</b> Instructor approval is provided by the System Administrator.
	<b>Story 3-</b> As an instructor, I want to verify password so that I can log in safely.	<b>Pre-condition:</b> To enter right the e-mail address and password.
		<b>Post-condition:</b> The system confirmed login.
	<b>Story 4-</b> As an instructor, I want to see log in error if something is wrong, so that I try to log in again.	<b>Pre-condition:</b> To enter the wrong e-mail address or password.
		<b>Post-condition:</b> The system give a login error message.
	<b>Story 5-</b> As an instructor, I want to show privacy informations and go to "Profile Help" when I need; so that i can set up a profile properly.	<b>Pre-condition:</b> -To go to set up a profile as an instructor page. -To click "Profile Help" or "Show Privacy Informations" button.
		<b>Post-condition:</b> -Privacy info was reached. -Profile help is shown to the user to help.

### Epic or not?

-As seen in the user story list above, we have a total of 4 epics. Each of these epics is composed of a combination of multiple user stories, and each user story is written to represent a use case.

### #Glossary#

**Credit Paymet System:** The users in our system will make payments with their credit cards and a system is needed to make these payments. In other words, this system is the system that makes these payments with contracted banks.

**3D Secure:** 3D Secure is a system that requests confirmation from the customer with a code sent to the mobile phone when paying by credit card.

**SSL Certificate:** SSL certificate is an international online payment security protocol. It encrypts the transactions in credit card payments and sends the necessary information to the bank and ensures its storage.