

**TSI2151**

**WEB APPLICATION DEVELOPMENT**



**TIS2151 ASSIGNMENT PROPOSAL**

**Group 13**

THAMIZHARAASAN A/L CHANDRAN  
(1201101703)

MUHAMMAD AFIF AFHAM BIN MOHD ASRI  
(1201303394)

MUHAMMAD AIMAN HAZIQ BIN FAIROSHAWAL  
(1201101522)

ADDINA BINTI MOHD AMLI  
(1201100480)

FACULTY OF COMPUTING AND INFORMATICS

MULTIMEDIA UNIVERSITY

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# 1. Introduction

## 1.1 Introduction

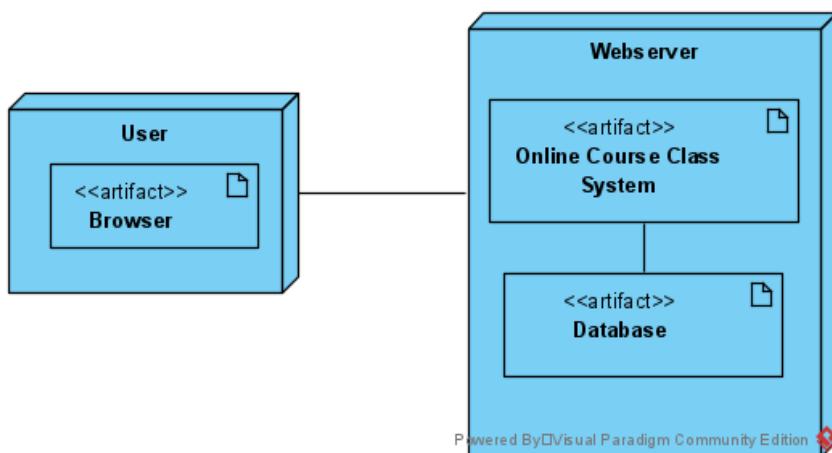
This web application development project is called TrainSpace+, centred around the creation of an innovative website dedicated to online courses. In this digital age, online learning has gained tremendous popularity, providing individuals from all walks of life with convenient access to educational resources and opportunities. Our project aims to leverage the power of web technologies to develop a user-friendly and interactive platform that facilitates seamless online learning experiences.

Our main focus during the development process is to create a robust and intuitive website that offers an enriching educational experience for all users. This involves implementing features such as user authentication, course management, interactive discussions, progress tracking, and assessment mechanisms. By incorporating modern web technologies, responsive design principles, and best practices in usability, we aim to ensure that our web application provides a seamless and engaging learning environment across different devices and screen sizes.

Throughout this project, we have drawn inspiration from various online learning platforms, extensive research on web application development, and valuable insights from educators and learners. We are committed to delivering a website that surpasses expectations, promotes knowledge sharing, and empowers individuals to expand their horizons through online education.

## 1.2 Architecture of Website

The Online Course Class is intended to handle the online class operations. The system allows the user to be a part of the system. The Online Course Class is a web based system and all the users must have a reliable internet connection to use the system. Deployment diagram below shows how the user interacts with the system.



**Figure 1.1 Deployment diagram of the system.**

### **1.3 Content of TrainSpace+**

TrainSpace+ is a web based application to connect instructors, students, and trainers in a dynamic virtual environment. Through this platform, instructors can showcase their expertise by offering a diverse range of courses and sharing their knowledge with a global audience. Students, on the other hand, can explore a wide array of courses, enrol in their preferred subjects, and engage in interactive learning experiences tailored to their needs. Additionally, trainers play a crucial role in providing guidance, support, and feedback to students throughout their educational journey.

User	Functional Requirement
General	Login
	Register
Trainer	View Courses
	Create Courses
	View Instructor
Student	Student's courses
	Enroll in courses
	Enrolled course history
	Update personal information
Instructor	Instructor's courses
	View Invitations

Table 1.3.1

### **1.4 Design of TrainSpace+**

TrainSpace web-based application uses the dark blue galaxy colour as the theme for our system. The font family that we use such as Gill Sans, Gill Sans MT, Calibri, Trebuchet MS, and sans-serif. Here are the examples that we are going to implement in the system.

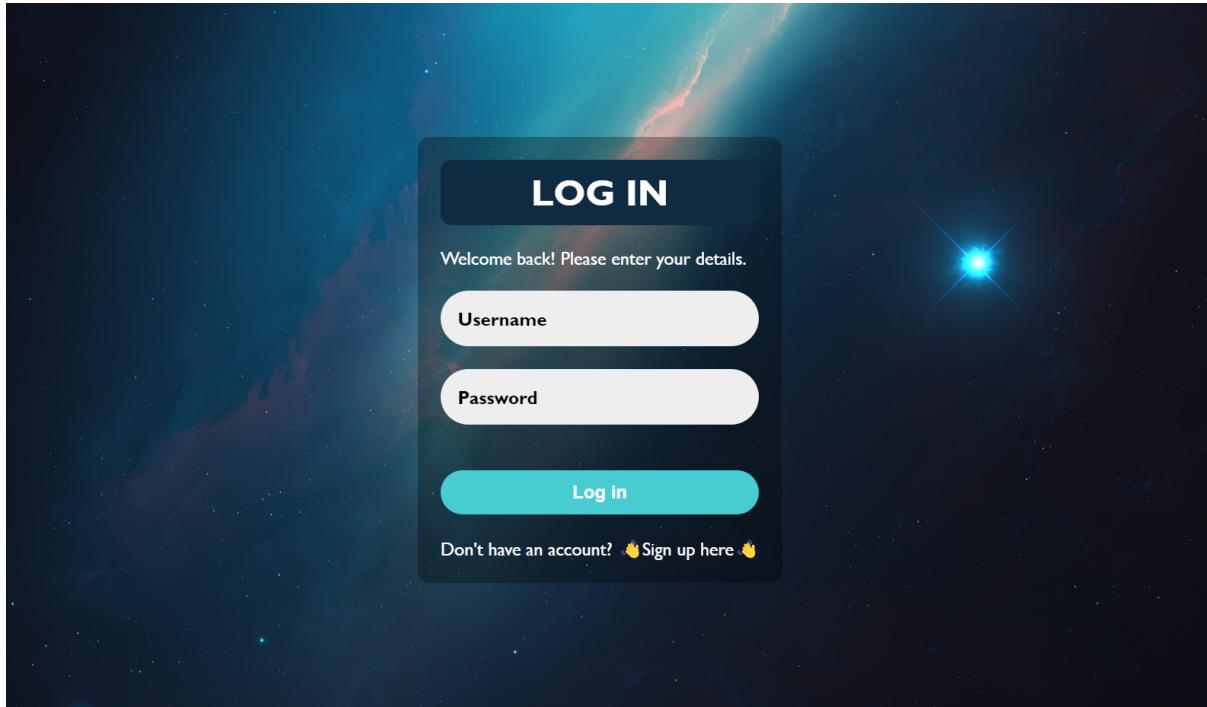


Figure 1.4.1 General Login page

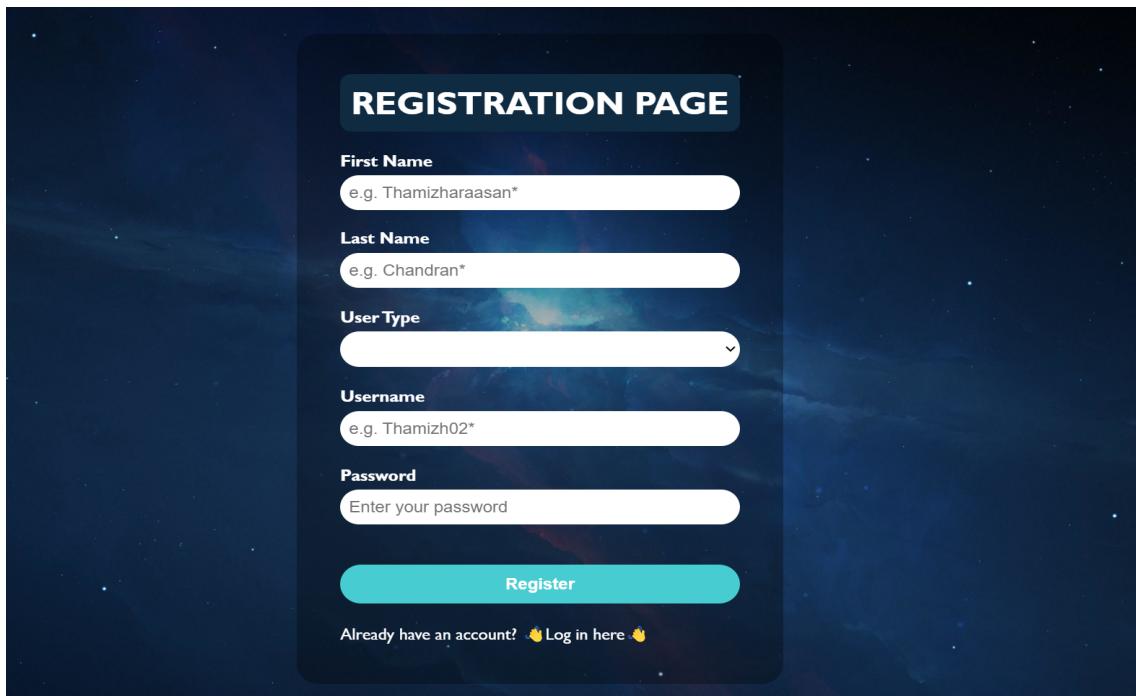


Figure 1.4.2 General Register Page

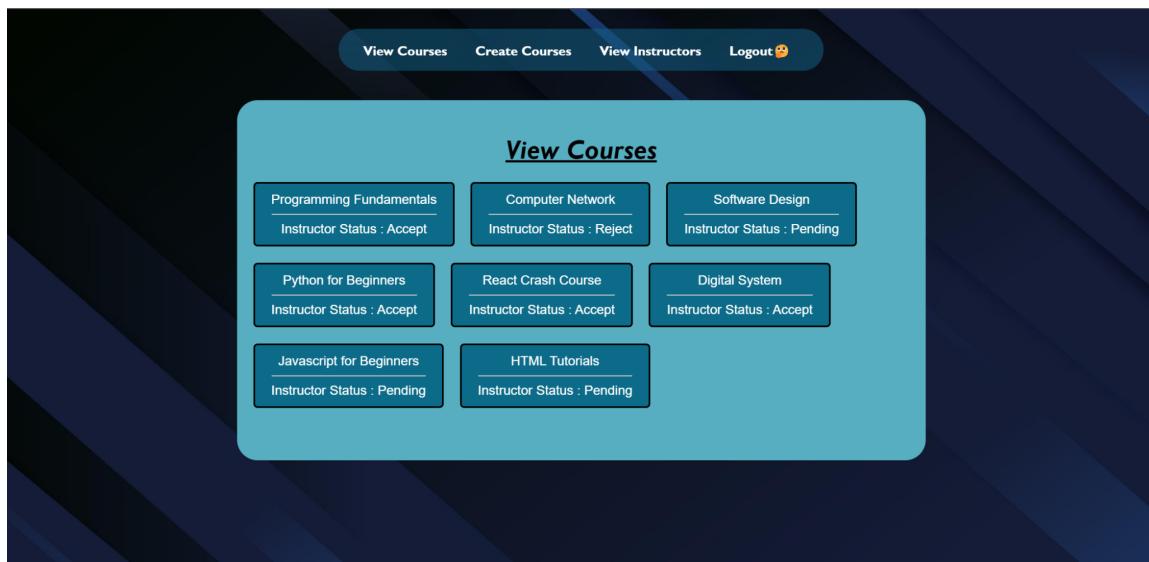


Figure 1.4.3 Trainer Main Page

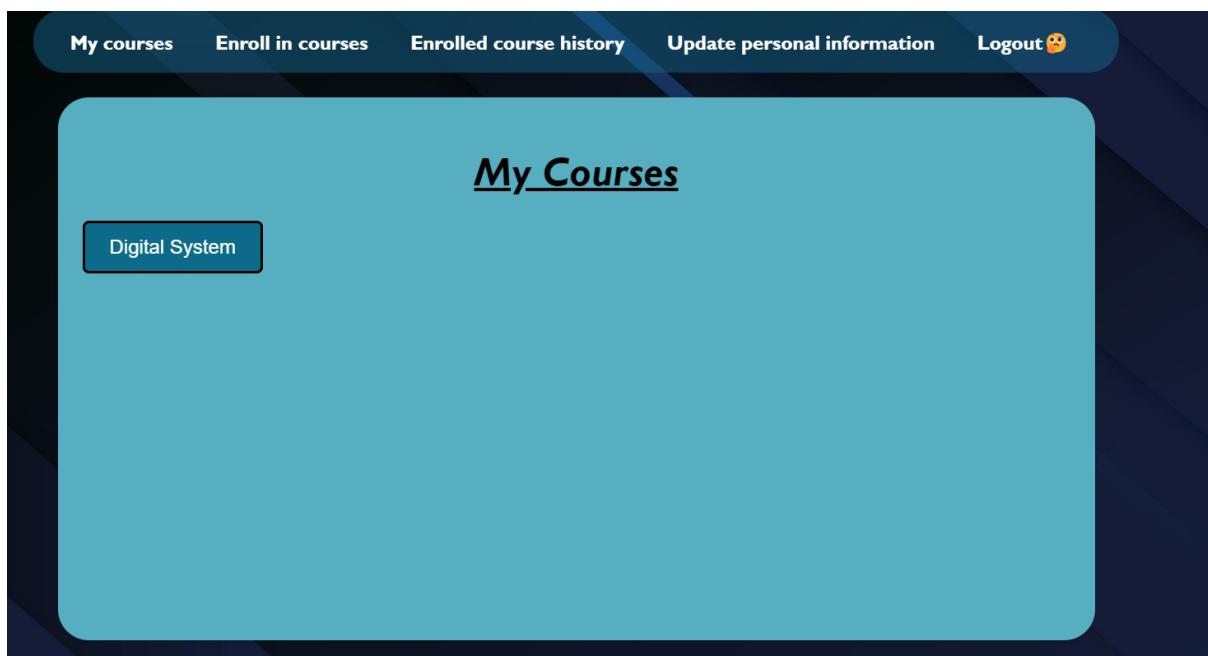


Figure 1.4.4 Student Main Page

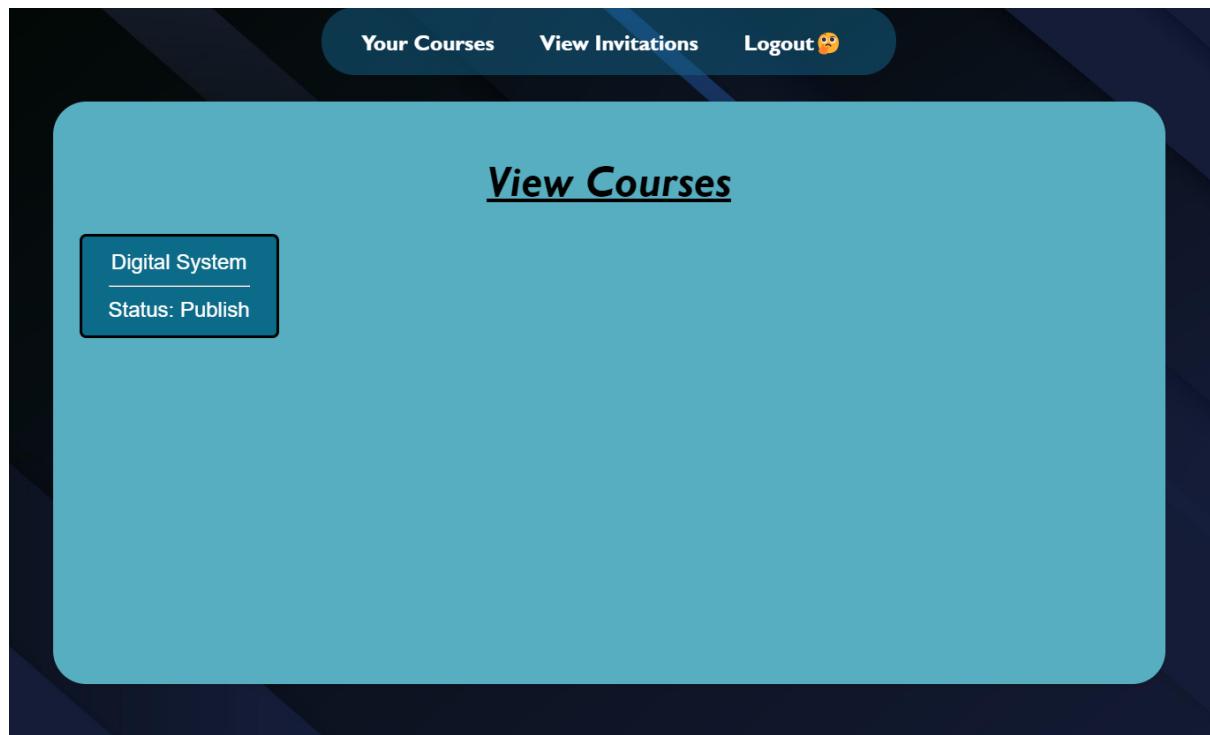


Figure 1.4.5 Instructor Main Page

## 2. Functionality of the system

### 2.1 Usage of HTML

HTML Properties / Element	Explanation
<!DOCTYPE html>	Informs the browser to what the document type to expect which is HTML 5.
<head>	A container for metadata that is about the HTML document
<meta>	provide metadata or additional information about the HTML document, such as character encoding, viewport settings, or search engine optimization tags.
<link href="css/trainer.css" type="text/css" rel="stylesheet" /> <?php include("trainer.php");?>	Uses to link an external CSS stylesheet to an HTML document, while the PHP include statement is used to include and execute the content of another PHP file within the current PHP file. For example: <ul style="list-style-type: none"><li>- Login.css</li><li>- Register.css</li><li>- Trainer.css</li></ul>
<div>	defines a division or a section in an HTML document for each file.
<form>	Used to collect user input in register page, login page and change any information by the users.
<label>	Used to associate a text description with an input element, providing a clear and accessible way to label form fields. The pages that we used label such as login, register, register courses and update informations.
<select>	to create a drop-down list of options from which the user can choose one or multiple selections. It is being used for the user to register which field they are studying.
<option>	It consists of a list of website URLs without any specific context or information

<textarea>	Used to create a multi-line input field for user input or form submission.
<input>	Used to create interactive form controls that allow users to input data
<tr>, <td>	The <tr> element represents a table row, while the <td> element represents a table cell within that row, used for organizing and displaying tabular data in HTML.
<h1>	Defines the most important heading such as the title of the page
<nav>	It defines the navigation links used for every page for the navigation bar
<ul>	Used to create an unordered list, which represents a collection of related items that are displayed without any specific order or sequence
<li>	Used to define a list item within an ordered (<ol>) or unordered (<ul>) list.
<section>	Used to group related content together within a webpage, representing a standalone section that is thematically distinct from other parts of the page
 	Used to insert a line break, creating a new line within a block-level element or a line break within a text paragraph.
<p>	Used to define a paragraph, representing a block of text or content within HTML
<title>	Used to define the title of an HTML document, which is displayed in the browser's title bar or tab
<button>	A clickable button that can be used to trigger an action or perform a specific function within a web page or form
<script>	Used to embed or reference JavaScript code within an HTML document, allowing for dynamic and interactive functionality on the webpage
<table>	Used to create a structured grid of rows and columns, allowing for the organization and

	display of tabular data on a webpage
<a>	Used to create a hyperlink in HTML, allowing users to navigate to different web pages or sections within the same page

Table 2.1.1

## 2.2 Usage CSS

### 2.2.1 Login.css

Login.css is responsible for the styles for the login-related styles of the system. It controls the appearance of the login forms, buttons and input fields for the authentication and login process. The body is styled with a specific font family, text color, and background image. The container element has a maximum width, padding, background color, and border radius. The heading (h1) is styled with font size, weight, text alignment, color, and background color. The input fields and select element have defined widths, padding, borders, background colors, and transitions. The login button has various styles for width, padding, background color, text color, font size, hover effect, and transition. Links inside the "signup" element have specific text color and text decoration properties. Overall, this CSS file defines the visual presentation of the login form, ensuring a cohesive and visually appealing design.

### 2.2.2 Register.css

The register.css file is responsible for defining the visual presentation of a registration form. It starts with a reset section that sets margins, padding, and box-sizing properties to maintain consistency across elements. The body is styled with a specific font family, text color, and background image. The container element has a maximum width, padding, background color, and border radius. The heading (h1) has a distinct font family, size, weight, color, and background color. Input fields, select elements, and the userType class have defined widths, padding, borders, background colors, and font sizes. The registration button (register) is styled with width, padding, background color, text color, hover effect, and transition. Links inside the "login" element have a specific text color and text decoration.

### 2.2.3 Trainer.css

The trainer.css file is responsible for defining the visual presentation of a trainer management system. The body is styled with a specific font family and background image. The wrapper element is set to display as a flex container with centered alignment. The navigation section has a semi-transparent background color, padding, border radius, and bold font weight. It includes an unordered list with inline-block list items that have padding, text decoration, and color properties. The right section has a background color, padding, border radius, width, height, and scroll overflow. The titleBtn and details sections have specific styles for padding, background color, color, border, border radius, font size, and cursor. The back and enrollCourse buttons have styles for float, margin, padding, background color, color, border, border radius, font size, font weight, and cursor. The table has styles for width, border

collapse, margin, and cell text alignment. The tbody tr has a background color, and tbody td has styles for padding, text alignment, color, and font style. The button-container has styles for display, justify-content, and margin. The button class has styles for width, height, margin, border, border radius, transition, and cursor. The accept and reject buttons have specific background colors and border colors, with hover effects. The course section has styles for background color, padding, border radius, width, height, and scroll overflow. The course input fields, select, and textarea have styles for width, padding, border radius, border, and margin. The course submit button has styles for background color, color, padding, border radius, border, and cursor. The lbl and toggle classes are used for the toggle switch element, with styles for position, width, height, border radius, background color, and border.

## **2.3 Usage of PHP**

PHP (Hypertext Preprocessor) plays a crucial role in powering our website TrainSpace+, designed for students to learn online courses with dedicated sections for instructor, trainers and students. The website utilises PHP's capabilities to connect with two essential SQL databases: "users" and "courses". The "users" data dictionary comprises fields such as id, firstname, lastname, usertype, username, passwords, date of birth, phone email, institute and field of study. These fields enable us to store and manage essential user information, facilitating personalised experience and user role differentiation. On the other hand, the "courses" data dictionary includes fields such as id, creator name, title, field, description, start date, end date, instructor, ins invitation, status, and student list. This database structure empowers our website to efficiently, organise and present course-related details. Instructors can create courses, provide a title and description, specify the field, set start and end dates of the course, invite instructors, manage the course status, and maintain a list of enrolled students. Students, in turn, can easily navigate the website, enrol in desired courses that have been provided by the instructor. By leveraging PHP and SQL, our website TrainSpace+ delivers a seamless learning experience, offering a comprehensive platform for students, instructors, and trainers to interact, share knowledge and foster educational growth.

## **2.4 Usage of MySQL**

MySQL, a popular and robust relational database management system, plays a pivotal role in our website designed for students to learn online courses, with distinct sections for instructors, trainers and students. Implementing MySQL allows for efficient storage and retrieval of user profiles in the "users" table and also the course data in the "courses". The "users" table incorporates fields such as id, firstname, lastname, usertype, username, passwords date of birth, phone, email, institute, and field of study. By utilising MySQL, we can securely store user information and easily retrieve and manage user profiles, enabling personalised experiences and differentiating user roles. Additionally, the "courses" table incorporates fields such as id, creator name, title, field, description, start date, end date, instructor, ins invitation, status, and student list. With MySQL, we can seamlessly store and organise course-related details, allowing instructors to create courses, provide titles and descriptions, specify fields of study, set start and end dates, invite instructors, manage course

statuses, and maintain lists of enrolled students. Through the integration of MySQL into our website's backend, we ensure efficient data management and retrieval, enabling students to easily enrol in courses, access course materials, and engage in an immersive learning experience. The power and versatility of MySQL provide a solid foundation for our website, facilitating smooth interactions and seamless data handling for instructors, trainers, and students alike. Below is the example of our database for our TrainSpace+ system.

	<input type="button" value="←"/> <input type="button" value="→"/>	<input type="button" value="id"/>	<input type="button" value="creator_name"/>	<input type="button" value="title"/>	<input type="button" value="field"/>	<input type="button" value="description"/>	<input type="button" value="start_date"/>	<input type="button" value="end_date"/>	<input type="button" value="instructor"/>	<input type="button" value="ins_invitation"/>	<input type="button" value="status"/>	<input type="button" value="student_list"/>
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	3 Aiman	Programming Fundamentals	Education fundamentals refer to the basic concep...	2023-06-01	2023-06-26	Fahim	Accept	Publish	
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	6 Aiman	Computer Network	Education Computer Network course provid...	2023-04-01	2023-04-27	Fahim	Reject	Draft	
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	7 Aiman	Software Design	Education Software Design is a comprehensive...	2023-06-21	2023-06-23	Fahim	Pending	Draft	
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	8 Aiman	Python for Beginners	Education Unlock the power of programming with this comprehre...	2023-06-15	2023-06-20	Fahim	Accept	Publish	
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	9 Aiman	React Crash Course	Education Gain the skills to develop responsive and interact...	2023-06-14	2023-06-15	Fahim	Accept	Draft	
<input type="checkbox"/>	<input type="button" value="Edit"/>	<input type="button" value="Copy"/>	<input type="button" value="Delete"/>	11 Aiman	Digital System	Education Fundamentals of Digital Systems is a comprehensive...	2023-06-29	2023-07-08	Harith	Accept	Publish	rafei,

Figure 2.4.1 courses.sql

<input type="button" value="id"/>	<input type="button" value="firstname"/>	<input type="button" value="lastname"/>	<input type="button" value="usertype"/>	<input type="button" value="username"/>	<input type="button" value="passwords"/>	<input type="button" value="date_of_birth"/>	<input type="button" value="phone"/>	<input type="button" value="email"/>	<input type="button" value="institute"/>	<input type="button" value="field_of_study"/>
1 Thamizharaasan	Chandran		3 Thamizh02	tham020626	2002-06-27	195521627	1201101703@student.mmu.edu.my		Multimedia University	Computer Science Specialization in Software Engine...
19 Aiman	Haziq		2 aimanhaziq	aiman123	2000-10-11	123457689	aimanhaziq@gmail.com		Uniten	Accounting
23 Rafie	Rauzan		3 rafie4rauzan	abc123	2002-03-15	196004828	rafierauzan@gmail.com		Multimedia University	Computer Science in Software Engineering
24 Mohd	Ali		4 mohdali	mohdali	1998-05-19	1364587268	mohdali@gmail.com		Multimedia University	Bachelor of Advertising Design
25 Fahim	Anwar		4 fahim98	root	2001-03-13	112657869	fahimanwar@gmail.com		UPM	Bachelor of Information Technology

Figure 2.4.2 Users.sql

## 2.5 Data Dictionary

### 2.5.1 Courses.sql

FIELD NAME	DATA TYPE	FIELD LENGTH	CONSTRAINT	DESCRIPTION
id	int	10	Not null	User ID.
creator_name	varchar	128	Not null	User name.
title	varchar	128	Not null	Title of the

				course.
field	varchar	128	Not null	Field of the creator.
description	text	-	Not null	Description of the course the instructor offers on the website.
start_date	date	-	Not null	Starting date of the course.
end_date	date	-	Not null	End of the date of the course.
instructor	varchar	128	Not null	Instructor name
ins_invitation	varchar	128	Not null	The status of invitation is either accept, reject or pending.
status	varchar	128	Not null	The status of the course its either publish or draft.
student_list	mediumtext	-	Not null	Name of the student who attend the course that they selected.

Table 2.5.1.2

## 2.5.2 Users

FIELD NAME	DATA TYPE	FIELD LENGTH	CONSTRAINT	DESCRIPTION
id	int	11	Not null	User id.
firstname	varchar	128	Not null	First name of the user.
lastname	varchar	128	Not null	Last name of the user.
usertype	int	11	Not null	User type depends on the user (Student,

				Instructor or Trainer)
username	varchar	128	Foreign Key	Users username.
passwords	varchar	128	Not null	User password.
date_of_birth	date	-	Not null	Date of birth of the user
phone	int	10	Default null	Users phone number.
email	varchar	128	Default null	Users email address.
institute	varchar	128	Default null	Users institute that they study.
field_of_study	varchar	128	Default null	User field of study in their institute.

Table 2.5.2.1

### 3. Appendix

#### 3.1 References

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*JavaScript courses & tutorials*. Codecademy. (n.d.-c).  
<https://www.codecademy.com/catalog/language/javascript>

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**TSI2151**

**WEB APPLICATION DEVELOPMENT**



**TIS2151 USER MANUAL**

**Group 13**

THAMIZHARAASAN A/L CHANDRAN  
(1201101703)

MUHAMMAD AFIF AFHAM BIN MOHD ASRI  
(1201303394)

MUHAMMAD AIMAN HAZIQ BIN FAIROSHAWAL  
(1201101522)

ADDINA BINTI MOHD AMLI  
(1201100480)

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## 1.0 How to run the system

- Open the XAMPP Control Panel and run it as the administrator to make sure the application doesn't crash.

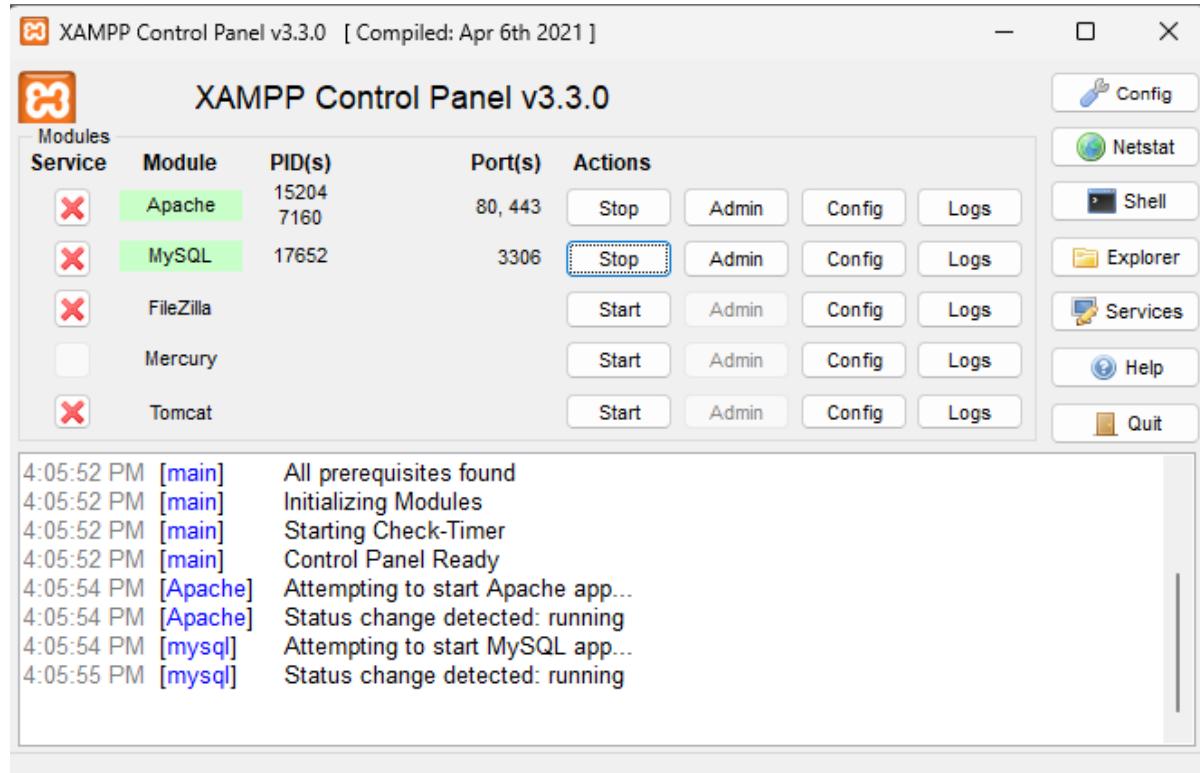


Figure 1.0.1

- Open the Local Disk(C:), unzip the file and it in the htdocs based on below directory.



Figure 1.0.2

- Go to <http://localhost/Assignment/login.php> to run the program

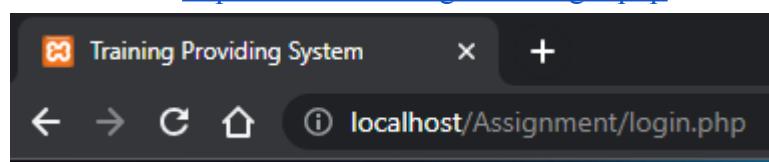


Figure 1.0.3

- These are the list of username, passwords and usertype that existed in the database.

Username	Password	User Type
aimanhaziq	root	Training Provider
rafieraузan	root	Student

fahimanwar	root	Instructor
rafieraузان	root	Instructor
luqmansyakir	root	Instructor

Table 1.0.1

- e. There are 2 databases that we used. Here are the databases that we used in the XAMPP

- i. Database : course\_db
- ii. Table : courses.sql

	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	<input type="checkbox"/> id	<input type="checkbox"/> creator_name	<input type="checkbox"/> title	<input type="checkbox"/> field	<input type="checkbox"/> description	<input type="checkbox"/> start_date	<input type="checkbox"/> end_date	<input type="checkbox"/> instructor	<input type="checkbox"/> ins_invitation	<input type="checkbox"/> status	<input type="checkbox"/> student_list
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	13	Aiman	Introduction to Psychology	Medicine & Health Science	Explore the fascinating world of human behavior and...	2023-07-09	2023-07-30	Fahim	Accept	Publish	Rafie,
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	14	Aiman	Web Development Fundamentals	Computer Technology	Dive into the fundamentals of web development and ...	2023-07-10	2023-07-26	Fahim	Accept	Publish	
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	15	Aiman	Introduction to Machine Learning	Computer Technology	Discover the principles and applications of machine...	2023-07-20	2023-07-31	Fahim	Accept	Publish	
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	16	Aiman	Creative Writing Workshop	Media & Communications	Unleash your creativity through the art of writing...	2023-07-12	2023-07-26	Fahim	Pending	Draft	
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	17	Aiman	Introduction to Astrophysics	Automotive & Aerospace	Embark on a journey to understand the mysteries of...	2023-07-14	2023-07-24	Fahim	Accept	Publish	
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	18	Aiman	Digital Marketing Strategies	Business & Commerce	Learn how to effectively promote products or services...	2023-07-21	2023-08-01	Harith	Accept	Publish	
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	Aiman	Introduction to Human Anatomy	Environmental Studies	Delve into the structure and function of the human...	2023-07-17	2023-07-24	Harith	Accept	Publish	Learn the

Figure 1.0.4

- iii. Database : user\_db
- iv. Table : users.sql

	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	<input type="checkbox"/> id	<input type="checkbox"/> firstname	<input type="checkbox"/> lastname	<input type="checkbox"/> usertype	<input type="checkbox"/> username	<input type="checkbox"/> passwords	<input type="checkbox"/> date_of_birth	<input type="checkbox"/> phone	<input type="checkbox"/> email	<input type="checkbox"/> institute	<input type="checkbox"/> field_of_study
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	19	Aiman	Haziq	2	aimanhaziq	root	2000-10-11	123456789	aimanhaziq@gmail.com	Unitec	Accounting
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	27	Fahim	Anwar	4	fahimanwar	root	NULL	NULL	NULL	NULL	NULL
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	28	Rafie	Rauzan	3	rafieraузان	root	0000-00-00	123456780	rafieraузان@gmail.com	Multimedia University	Software Engineering
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	29	Harith	Najmi	4	harithnajmi	root	NULL	NULL	NULL	NULL	NULL
	<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	30	Luqman	Syakir	4	luqmansyakir	root	NULL	NULL	NULL	NULL	NULL

Figure 1.0.5

## 2.0 General Requirement

### 2.1 Register

- a. Register based on the requirement and choose the usertype as the student / Training Provider / Instructor.

# REGISTRATION PAGE

**First Name**

e.g. Thamizharaasan\*

**Last Name**

e.g. Chandran\*

**User Type**



**Username**

e.g. Thamizh02\*

**Password**

Enter your password

**Register**

Already have an account? [Log in here](#)

Figure 2.1.1

## 2.2 Login

- a. This is the page for every user to login.

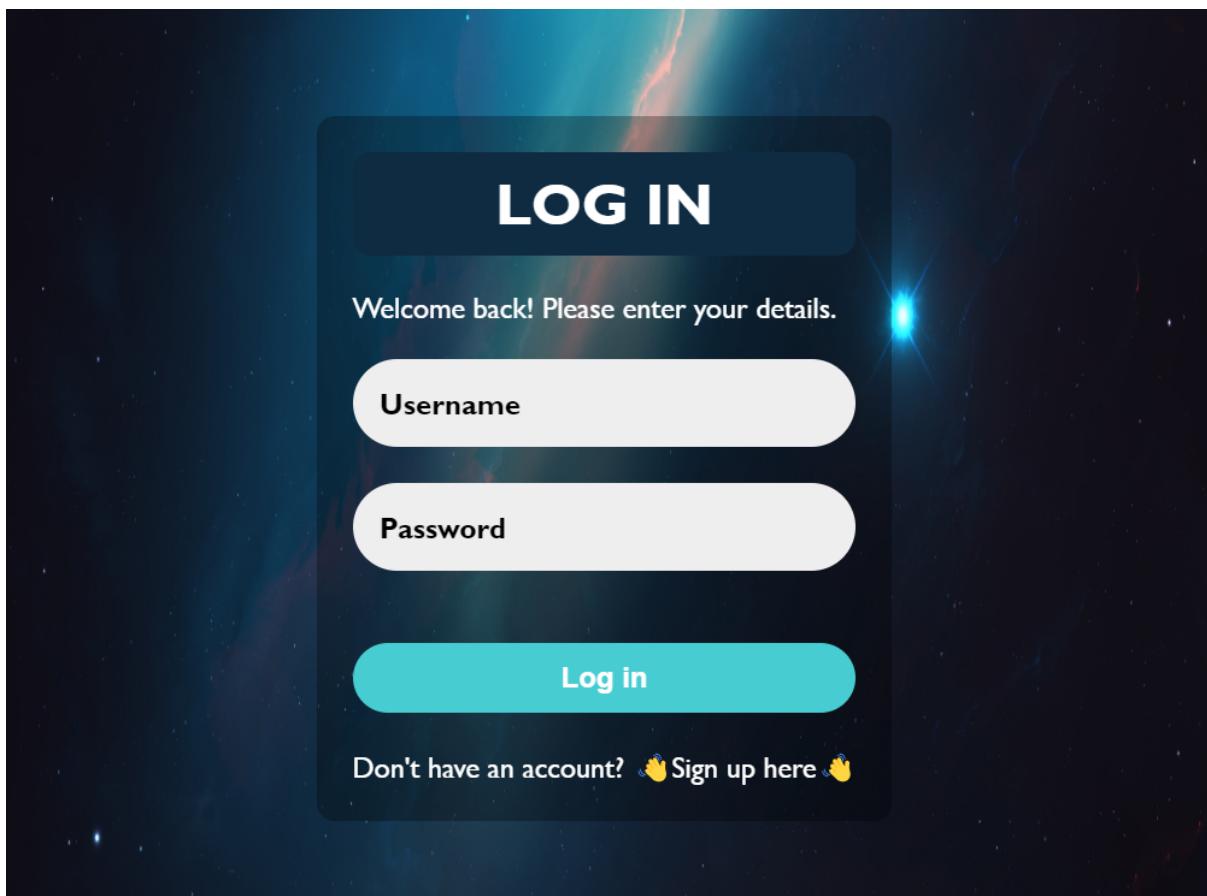


Figure 2.2.1

## 3.0 Training Provider Requirement

### 3.1 View Courses

- a. After the Training Provider login, they will login into this page first to view the courses whether the instructor accepted the courses being assigned to them.
- b. The existed Training Provider in the database is **Username: aimanhaziq** and **Password : root**
- c. Training provider can view all the courses and edit the details.

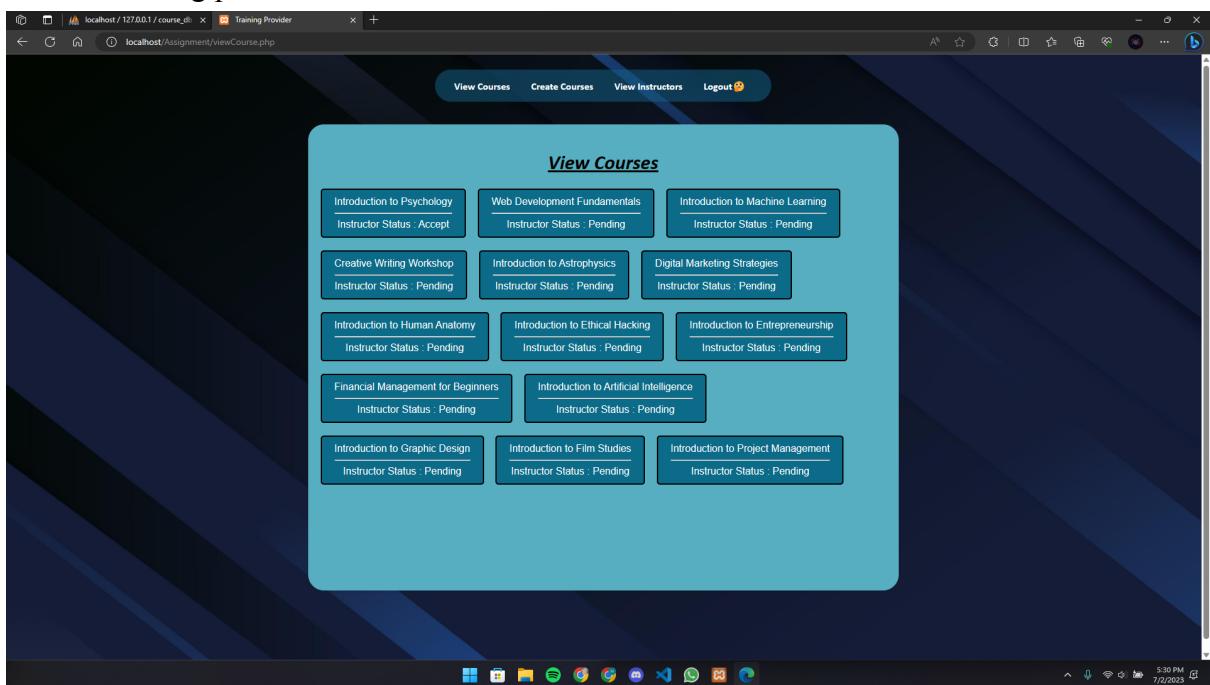


Figure 3.1.1

- d. Here is the page where the training provider can edit the details regarding the courses be assigned to whom.

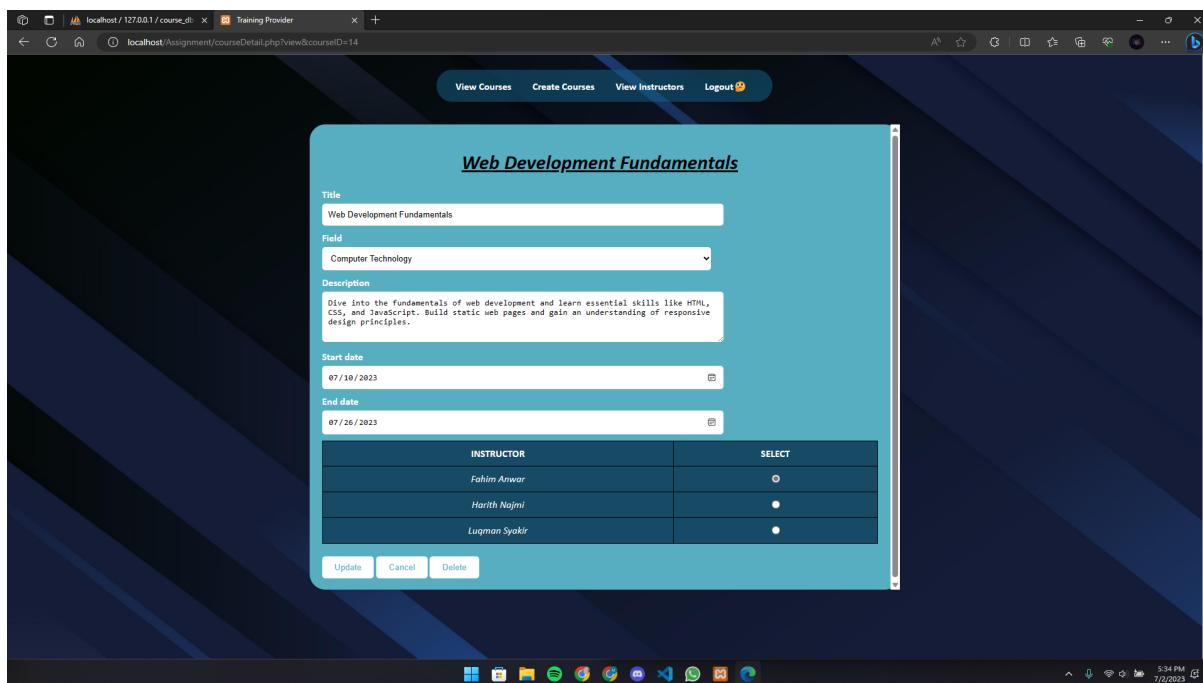


Figure 3.1.2

## 3.2 Create Courses

- This is the page where the Training Provider create the courses for the Students and Instructors.

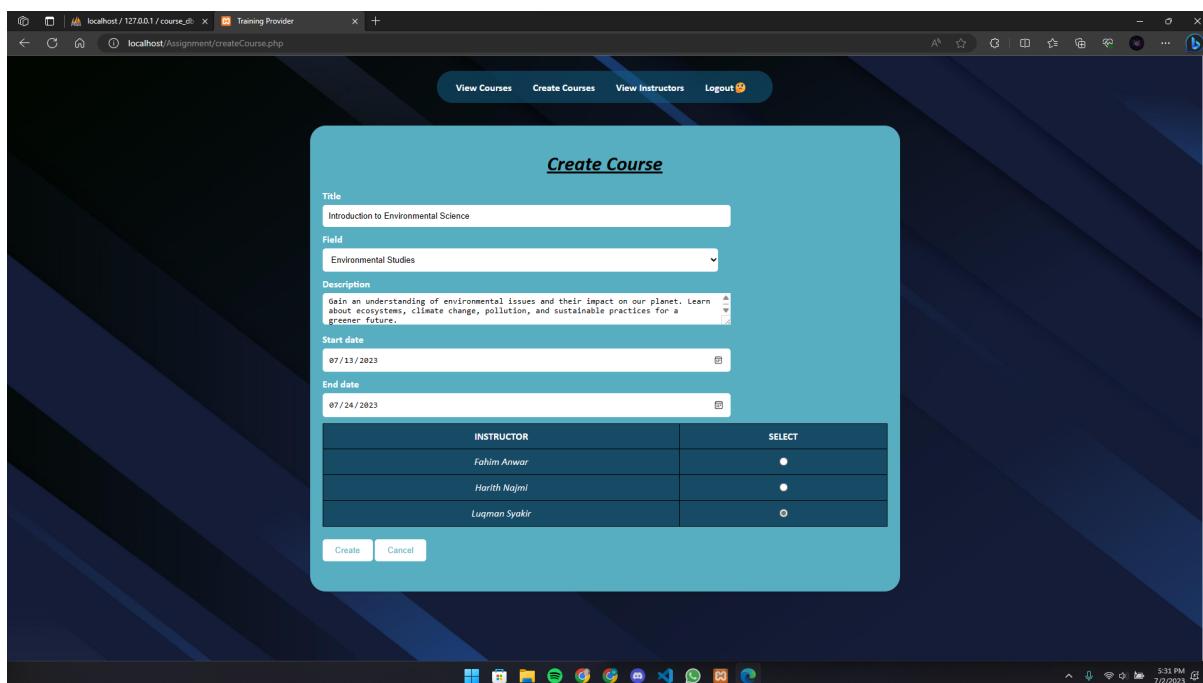


Figure 3.2.1

- b. Here is the message popped out after created a new course.

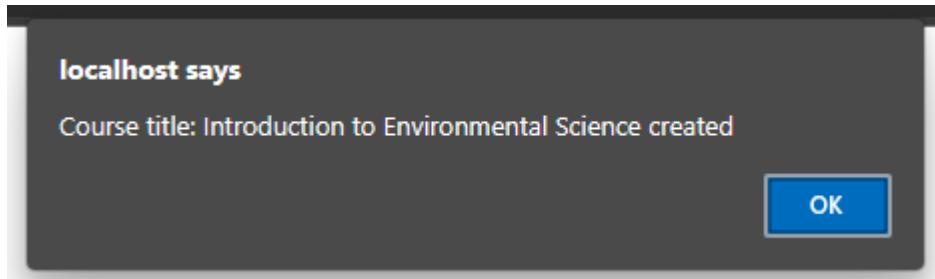


Figure 3.2.2

### 3.3 View Instructor

- a. This is the page where Training Provider identify which instructors is available

A screenshot of a web browser window. The address bar shows "localhost/Assignment/viewinstructor.php". The page has a dark header with navigation links: "View Courses", "Create Courses", "View Instructors", and "Logout". Below the header is a light blue rectangular area containing a table with the heading "View Instructor". The table has two columns: "FIRST NAME" and "LAST NAME". The data rows are: Row 1: Fahim, Anwar; Row 2: Harith, Nojmi; Row 3: Lupman, Syakir. At the bottom left of this area is a small red button labeled "Back". The browser's taskbar at the bottom shows various open tabs and icons. The system tray at the bottom right shows the date and time as "5:34 PM 7/2/2023".

Figure 3.3.1

## 4.0 Instructor

### 4.1 View Courses

- Login as instructor by entering the username : luqmansyakir, password : root.
- The instructor will be viewing the page below where they can view all the courses that has been assigned by the Training provider.

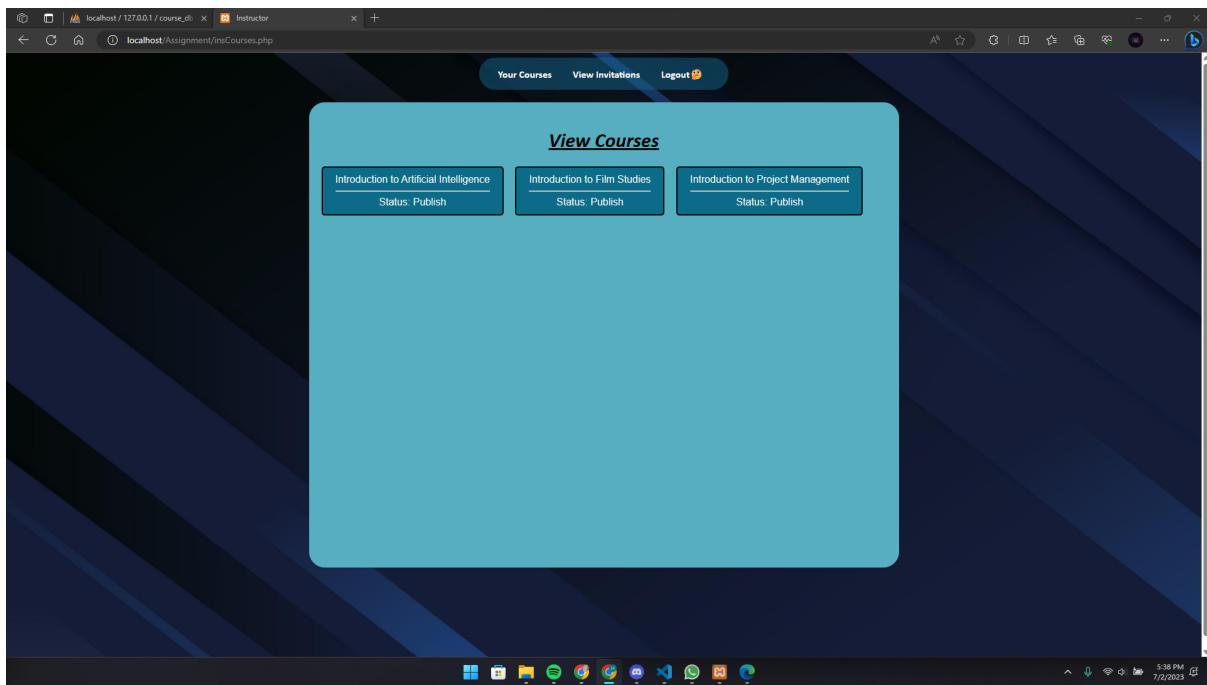


Figure 4.1.1

- c. When the instructor click into the courses, the training provide will see all the details regarding the course.

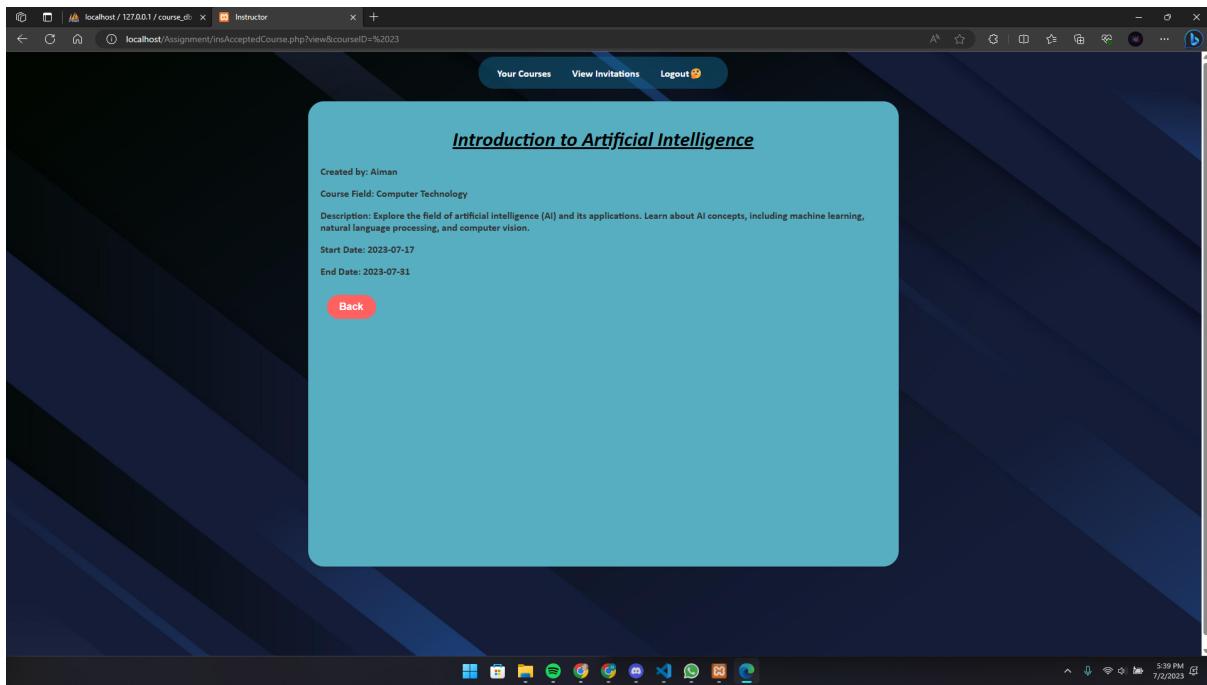


Figure 4.1.2

## 4.2 View Invitations

- a. This page will bring the instructor to view all the courses being assigned to the instructor.

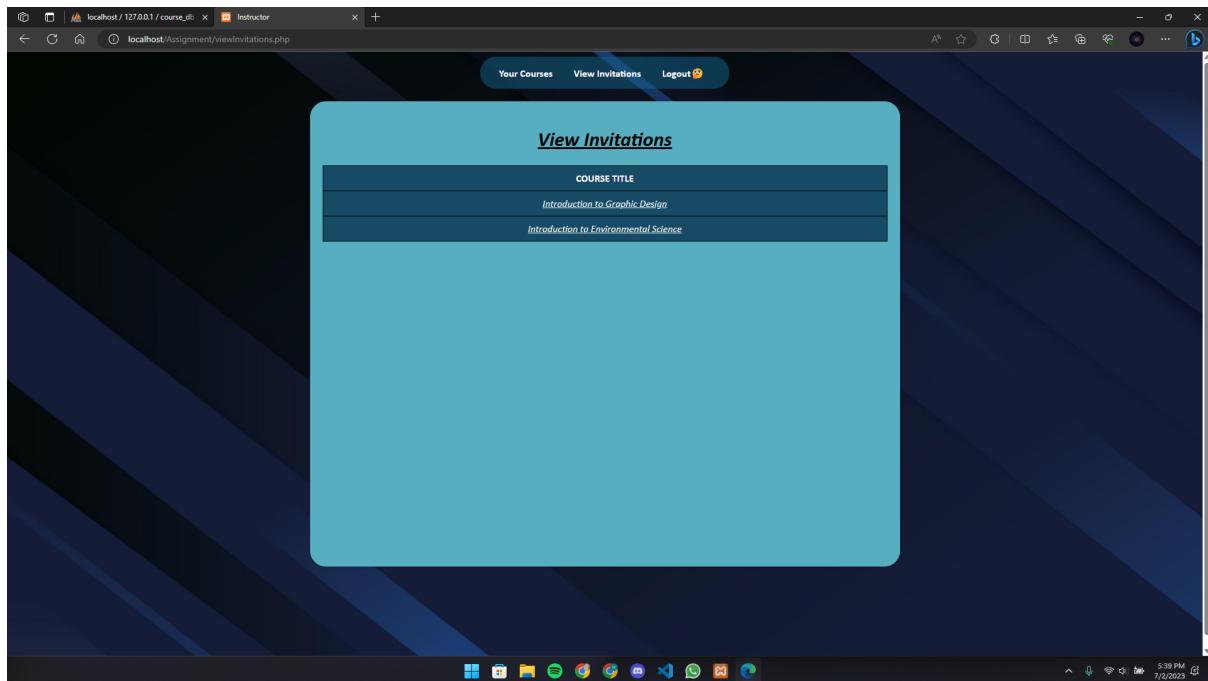


Figure 4.2.1

- b. Instructor can choose to accept or reject the invitations to the courses assigned to them.

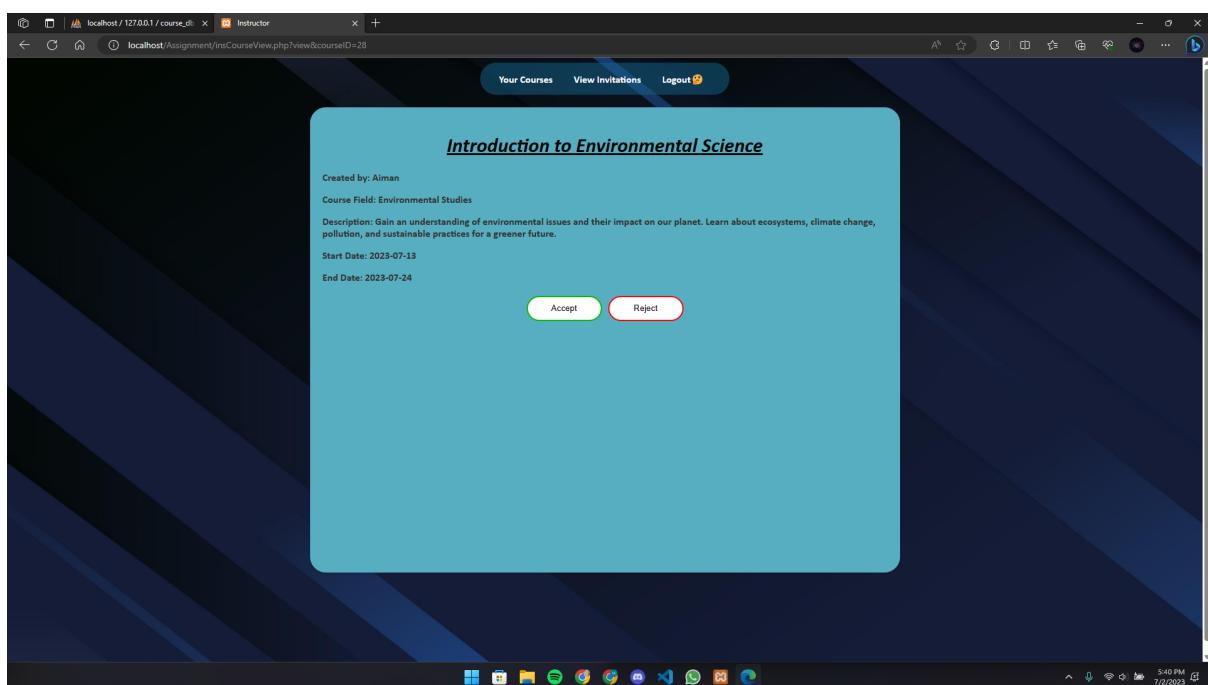


Figure 4.2.2

- c. Instructor can view all the invitations and accept or reject the invitations.

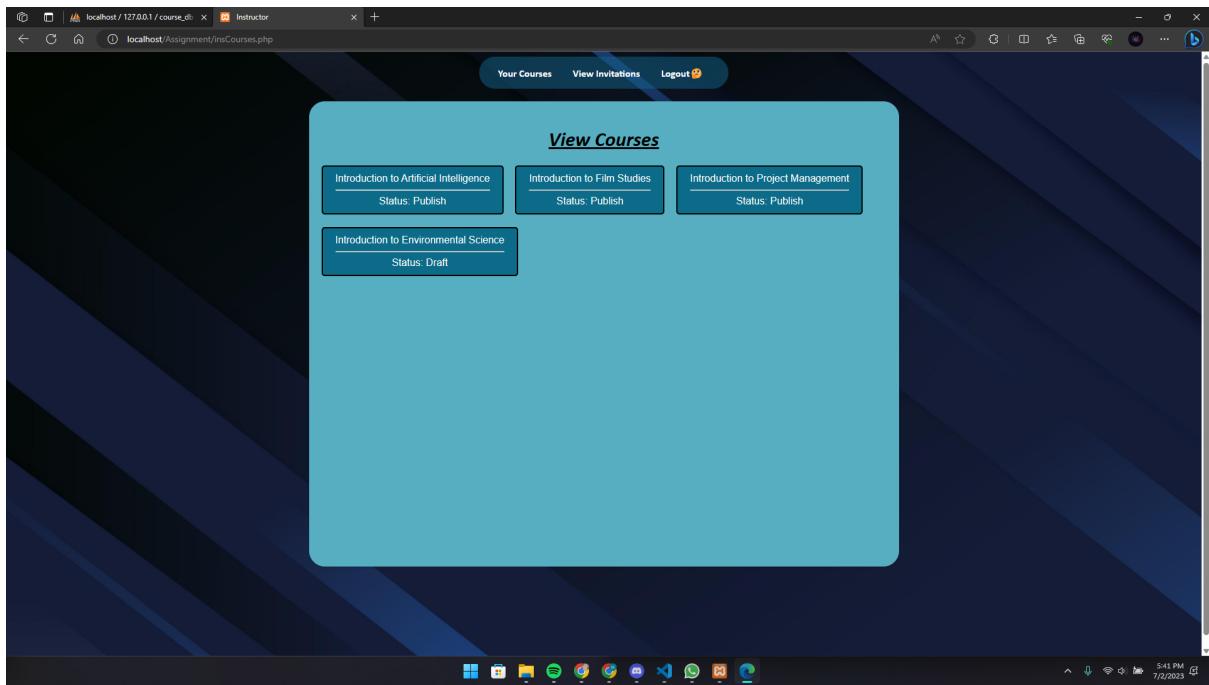


Figure 4.2.3

- d. Introduction to Environmental Science is added at the instructors's view courses but the status is draft. After accepted, Training provider will have to publish the course in order for the instructor to start the course.
- e. Login back to training provider(username: aimanhaziq, password: root) , to publish the course.

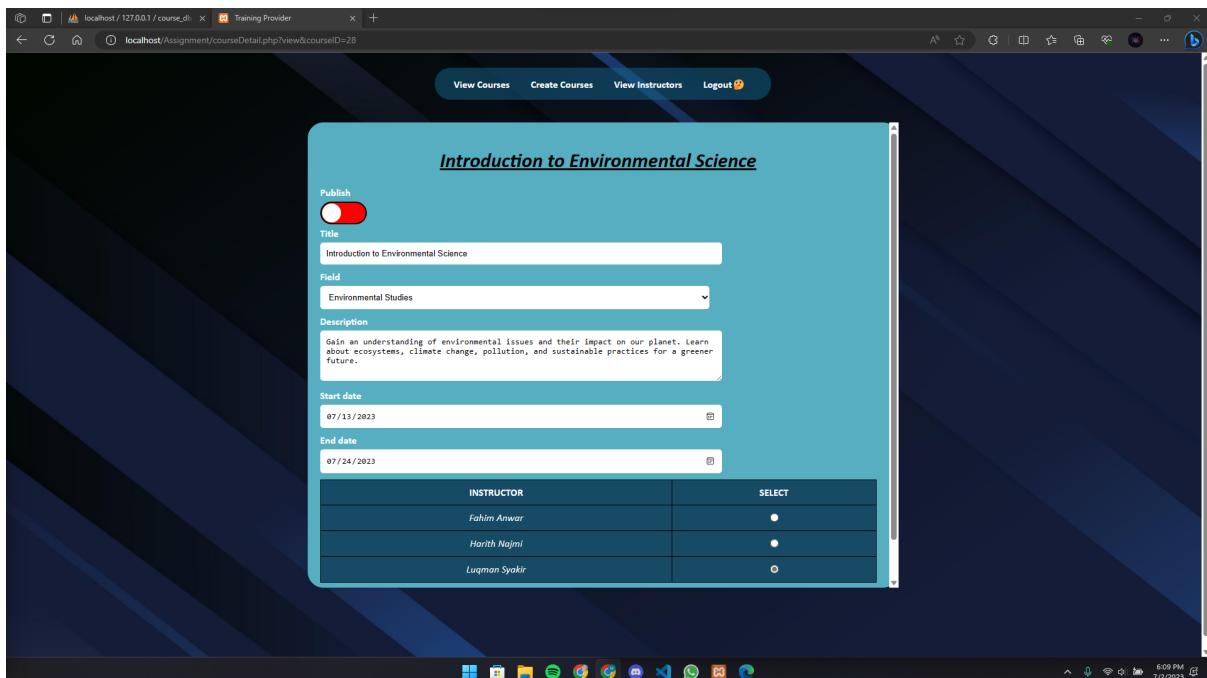


Figure 4.2.4

- f. Push the button for it to change to green that shows the course has been published. Then go back to the instructor page to see the course has been published.

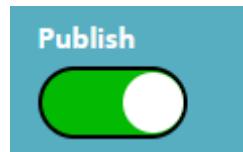


Figure 4.2.5

## 5.0 Student's Requirement

### 5.1 My Courses

- a. Log in as student (username : rafierauzan , password : root)
- b. The first page the student will see is My Courses that the particular student has already enrolled.

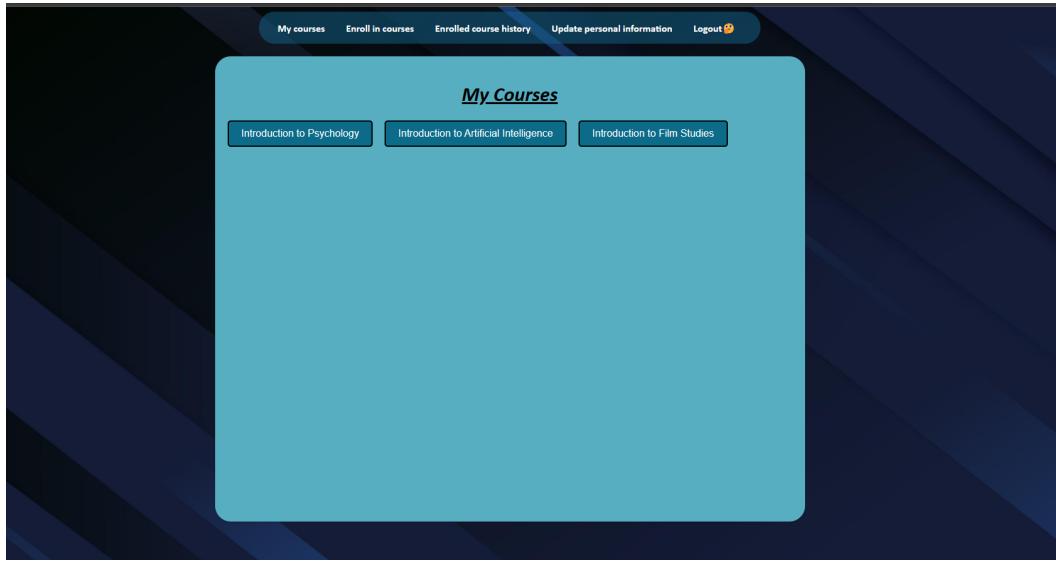


Figure 5.1.1

- c. When the student click the courses, they will be bring to the page where all the details regarding the course being displayed.

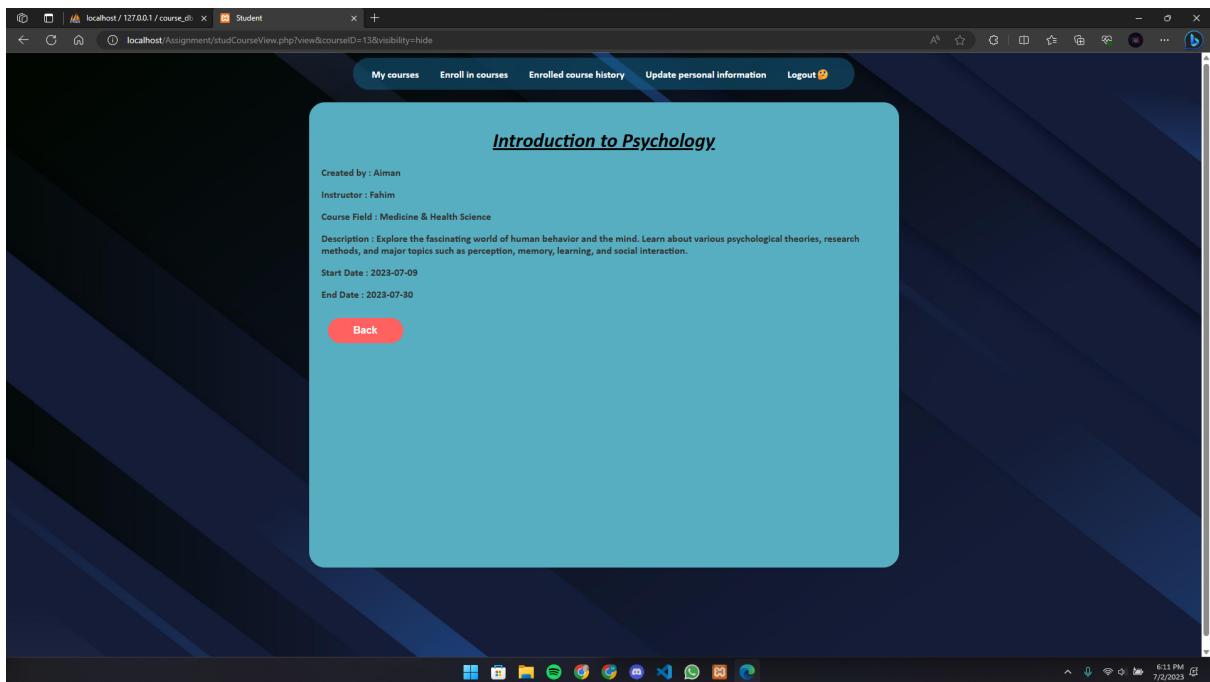


Figure 5.1.2

## 5.2 Enroll in courses

- This is the page where the student being offered with the courses available.
- Let say that Rafie is interested with Environmental Science course, click into the course

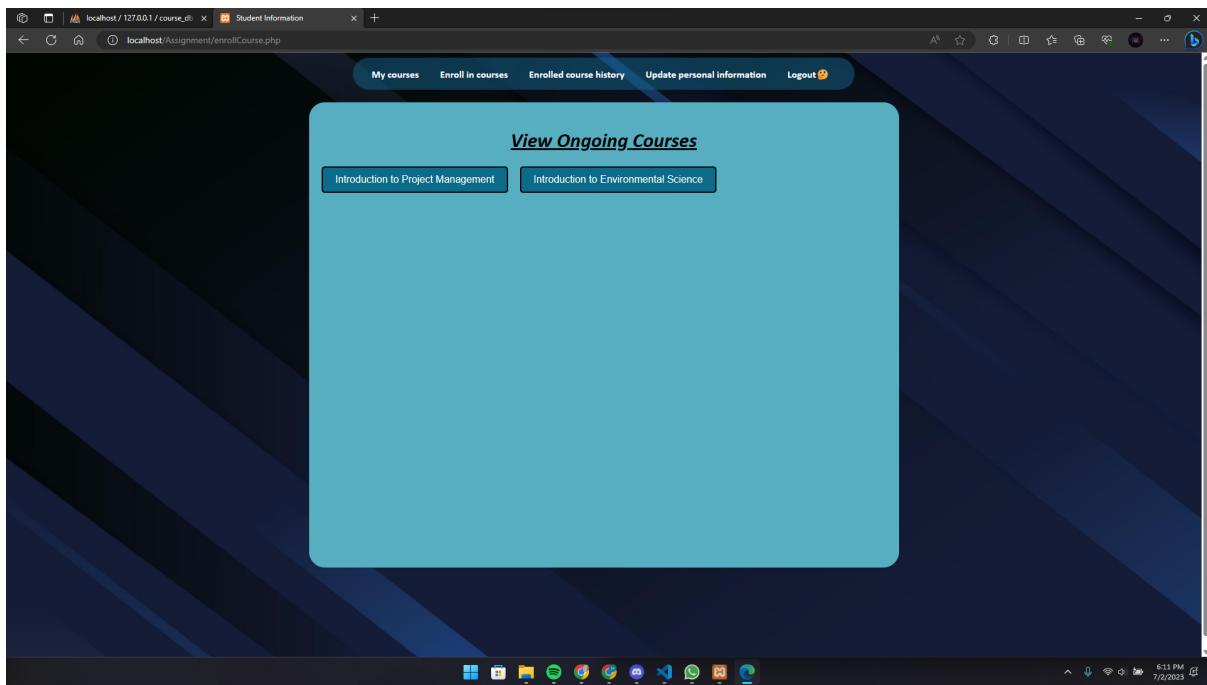


Figure 5.2.1

- c. Rafie will have to click into the course, and then click the enroll button.
- d. Else, he will click the back button

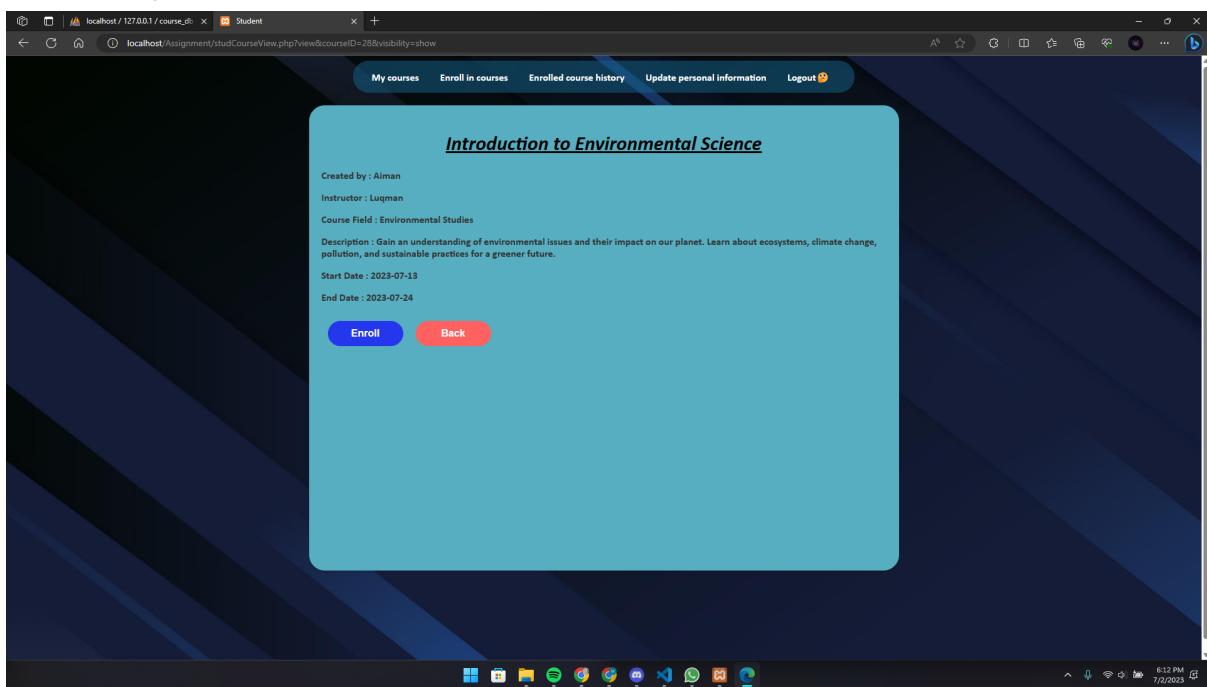


Figure 5.2.2

- e. When he choose the choice of his course, he will get this message popped out as show below

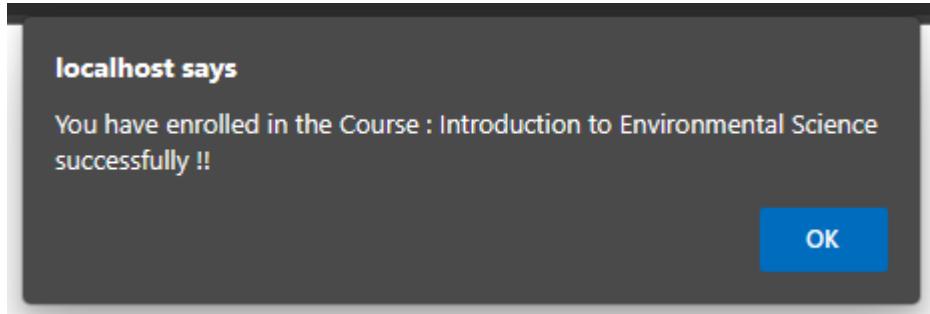


Figure 5.2.3

- f. The course of his choice will appear in the “My Courses” page.

A screenshot of a web page with a light blue header. The header contains the text "My Courses". Below the header, there are four rectangular buttons, each representing a course: "Introduction to Psychology", "Introduction to Artificial Intelligence", "Introduction to Film Studies", and "Introduction to Environmental Science". The last button is highlighted with a thicker border, indicating it is the selected course.

Figure 5.2.4

- g. If we change the date to the previous day in the training provider page (in View Course) , the content will appear in the student course history which is in the “Enrolled Course History”.

**Introduction to Environmental Science**

**Publish**

**Title**  
Introduction to Environmental Science

**Field**  
Environmental Studies

**Description**  
Gain an understanding of environmental issues and their impact on our planet. Learn about ecosystems, climate change, pollution, and sustainable practices for a greener future.

**Start date**  
06 / 29 / 2023

**End date**  
07 / 01 / 2023

INSTRUCTOR	SELECT
Fahim Anwar	<input checked="" type="radio"/>
Harith Najmi	<input checked="" type="radio"/>
Luqman Syakir	<input type="radio"/>

Figure 5.2.5

### 5.3 Enrolled courses

- This page shows the previous courses that the student already enrolled and completed the course.

The screenshot shows a web browser window with a dark blue theme. At the top, there are tabs for 'localhost/127.0.0.1/course\_db' and 'Student Information'. Below the tabs, a navigation bar includes links for 'My courses', 'Enroll in courses', 'Enrolled course history', 'Update personal information', and 'Logout'. The main content area has a light blue header with the text 'View Previous Courses'. Below this is a table with two columns: 'COURSE TITLE' and 'VIEW'. The single row in the table contains the text 'Introduction to Environmental Science' in the first column and a small circular icon with a magnifying glass in the second column.

Figure 5.3.1

#### 5.4 Update Personal Information

- a. Updated personal information page is where the student can update or add their personal information
- b. Then the student click the update button, but if the student choose to not change anything then click the cancel button.

The screenshot shows a web browser window with a dark blue header bar. The header includes links for 'My courses', 'Enroll in courses', 'Enrolled course history', 'Update personal information' (which is highlighted in blue), and 'Logout'. The main content area has a teal background and displays a form for updating personal information. The form fields are as follows:

- First Name: Rafe
- Last Name: Rauzan
- Date of Birth: mm/dd/yyyy
- Phone Number: 123456780
- Email: rraferauzan@gmail.com
- Institute: Multimedia University
- Field of Study: Software Engineering

At the bottom of the form are two buttons: 'Update' and 'Cancel'.

Figure 5.4.1