

# Educational Website

## Project Report

By

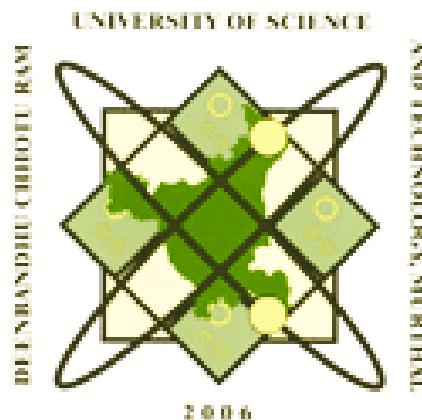
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**BCA III (SEM V)**

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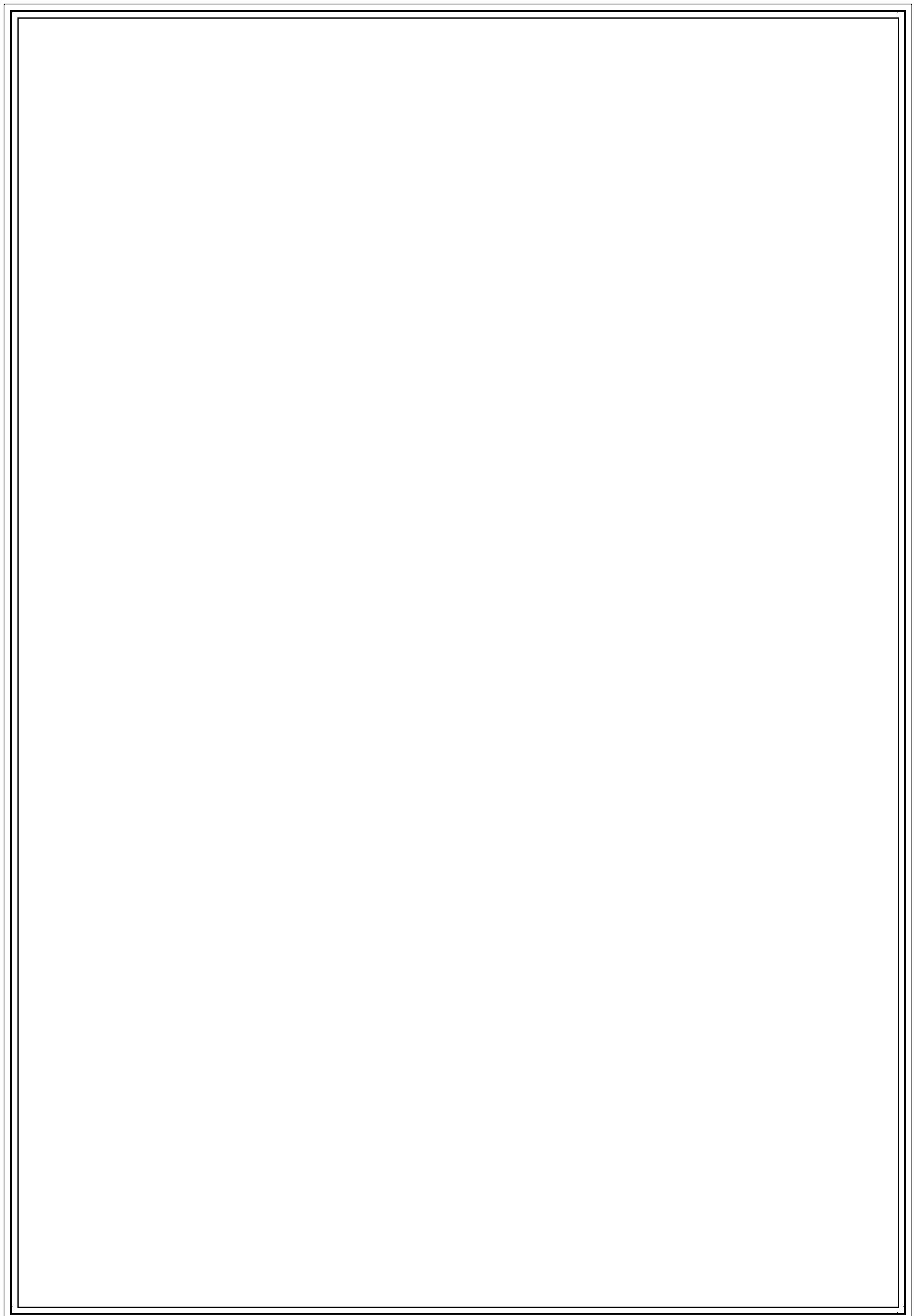
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## **DECLARATION**

I hereby declare that all the work shown in my Project Report entitled "Subjectsaholic Educational Website" submitted to Hindu Institute of Management affiliated to Deenbandhu Chotu Ram University of Science and Technology in the partial fulfillment of Bachelor of Computer Application course has been prepared under the guidance of Ms. Parull Bhardwaj.

Date

Varsha Luthra

(20012041045)

## **CERTIFICATE**

This is to certify that the contents of this Project Report "Subjectsaholic Educational Website" which is submitted by Varsha Luthra (20012041045) has been Successfully Completed and Submitted in the partial fulfillment of the requirement for the award of degree Bachelor of Computer Application course, Hindu Institute of Management affiliated to Deenbandhu Chotu Ram University of Science and Technology is a record of the candidate's work carried out by her under the guidance of undersigned. The content presented in the Project Report is Original and has not been submitted for the award of any other Degree.

Date

Ms. Parull Bhardwaj

(Project Incharge)

## **ACKNOWLEDGEMENT**

It brings me a great pleasure to finally complete the minor project in partial fulfilment of the prerequisite for the award of Bachelor of Computer Application.

I would like to express my gratitude and appreciation to all those who gave me the possibility to complete this report. Special thanks due to my Project in charge Ms. Parull whose help, stimulating suggestions and encouragement helped me in all time of fabrication process and in writing this report. In the accomplishment of this project successfully, many people have best owned upon me their blessings and the heart pledged support, this time I am utilizing to thank all the people who have been concerned with this project.

I extend my heartfelt and profound gratitude to my respected faculty members for providing me the impulse to get this work on the ground.

## **ABSTRACT**

when we were given the free choice of selecting a project and work upon that in this semester for university submission, the first idea comes to my mind is to create an educational website for my Youtube channel. So, I have created a website of an educational website which is very helpful in giving information to all my students and the users who want to improve their educational qualities. I have made this project with amazing features as follow:

- To rectify all the errors and mistakes easily.
- Easily upgrade time by time.
- Users can give their feedbacks through contact forms.
- To allow the admin to edit, delete or update any details for the products.
- This is done when the numbers of readers are increase and want to show contents.

In order to make educational website, I needed a stack of technologies to make it even better having advance features, which was an amazing experience. The whole project is based on web technologies. I used this technology in order to get the advance and amazing features of front-end languages along with firing event through JavaScript.

Following technology are used by us:

1. HTML
2. CSS
3. JavaScript
4. PHP
5. MySQL

It was also ensured the security measures for the website in the form of admin and user. I have created a link of Admin panel for the SYSTEM through admin

can decide what is going to be a part of system. The admin can create, delete and modify any account. Some security measures are also taken at the time of login as user. Users or students can be added, removed or modify by the admin.

One of the major features of our website is the online selling and purchasing of stationary products of “Subjectsaholic”. The advantage of establishing the e-commerce platform over traditional commerce method is that user can browse online shops, compare prices and order home on their PC. Shopping cart feature allows the user online shopping to “place” items in the cart. It decreases the cost of creating, processing, distributing, storing and retrieving paper-based information. Customers could be able to mail the website admin or owner about the items they would like to purchase of “Subjectsaholic” brand.

The existing system of purchasing goods has several disadvantages. For example, it requires lots of time to travel to a particular shop to purchase items. It is having lots of manual work. Since everyone is leading a busy life nowadays, time means a lot to everyone. Also, there might be expenses for travelling from home to shop or if not, what could be the guarantee that the required item is available in that shop. It is less user-friendly. Lastly, shop is not open for 24\*7\*365.

In today scenario, Online Educational with an extra e-commerce feature is easy to use interface to carry out your work. You can visit more than one webpage or source at one time by opening multiple windows. The product section will be shown always be updated to always provide the latest items. User can easily Add-To-Cart their favorite stationary product item, increase the no. of products and can check their amount.

As this is an Educational Website, so no need to worry about carrying hard copy of information with you i.e., No heavy book. Easy to fill-up the login and sign-up page.

# **CHAPTER 1**

## **INTRODUCTION**

## ABOUT THE PROJECT

This Project is web-based educational and e-commerce system for my YouTube Channel. The main objective of this project is to deliver the online educational and ecommerce system.

E-commerce is one of the main features of educational system. An educational website is a collection of various kind of contents that are based on different subjects. It can be in the form of a text, or a video based. On the other hand, an e-commerce website is a kind of virtual store on the internet where customers can purchase the products and share their opinions about that product. This project is based on both the systems.

This is to share the valuable knowledge to the people, and they can purchase their educational products too. The project will deliberately fulfil the requirements of today's scenario of e-learning websites. As demands of people specially students increase regarding online education because now, they can learn anytime and from anywhere. It helps them to establish their interest in a specific field.

Website provides free as well as paid courses for those who really want to learn something new and can find "how much they know" through our quiz contests as well as skills progress bar. No doubt it offers a great opportunity to the upcoming generations. People can purchase their stationary products as it provides them a secure transaction system online with education.

## Components of the Project

- Content Management System (CMS)
- Xamp Server – for database collection.
- The e-commerce portal

1. Content Management System (CMS): The CMS is responsible for the overall layout of website. It also helps in handling the data entered by the user as well as any kind of transaction done by the user. Thus, update the data or layout accordingly.
2. Xamp Server – for database collection: Xamp server is very useful in storing all the database of website contents. All the information that user enters regarding registration, login/sign-up as well as transactions related to products purchasing will be done by the server-side scripting language – php on Xamp server.
3. The e-commerce portal: This is one of the main features of website through which only educational products will be sale and purchase. This will provide information regarding products. For example, product's description, price, availability as well as pictures of the products.

## **OBJECTIVES OF THE PROJECT**

Educational website will help the people to gain knowledge regarding their subject through content-based or videos. E-commercial nature of our website is to support the interaction between the people engaging with transaction via the network, as well as the management of the data involved in the process, as number of people are increasing their confidence to purchase online.

A good e-commerce website should have the following facets for the better usability:

1. Efficient organisation of categorised products.
2. Consistent layout of the information.
3. Proper use of links and buttons
4. Secure data or encrypted data notifications
5. Feedback must be proper.

## **CHAPTER 2**

### **INTRODUCTION TO TECHNOLOGIES**

## **INTRODUCTION TO HTML**

HTML stands for Hyper Text Markup Language. In this project, various HTML tags are used to design a web page. It is a standardize system for tagging text page to achieve font, color, hyperlinks effects on the web page.

- HTML allows us to browse the internet easily.
- It allows offline storage.
- It helps in creating a design for the web page.

There are two types of tags in HTML – paired and unpaired. Tag names are written inside /< ... >. All the HTML code comes inside these tags. The main tags of HTML are – html, head, and body tag.

The head tag contains header related tags like title of the webpage and links for the CSS files. It also provides the details of ‘HTML Version’ to the web browser. The html indicates it is 5<sup>th</sup> version.

<head> <title>... </title></head>

The body tag includes all the actual HTML code which is displayed on the web browser. Also, we can add all the JavaScript code just before closing the body tag.

<body> ... </body>

We can display graphics, background colors, images, content in the body section. Different versions of HTML having add-on features like progress bar etc.

## **INTRODUCTION TO CSS**

CSS stands for Cascading Style Sheet. It is used to give more stylish effect on HTML page. It does not contain tags, instead it is used to point out the HTML tags and describes more effects to make website more appealing.

CSS determines the virtual structure, layout, and aesthetics. It provides “look and feel”. It makes the front-end of a website shine and creates a great user experience. Without CSS, website looks less pleasing and harder to navigate. It provides good font color too.

- CSS enables us to use less code. We just need to write once and run everywhere wherever we want in HTML page.
- It allows us user-friendly formatting.
- It helps in making responsive websites.

We can use CSS in three ways – Internal, External, and Inline.

- Internal: Add `<style>` tag in the `<head>` section of the HTML page
  - `<style type="text/css"></style>`
- External: links the HTML page to a different .css file.  
`<link rel = "stylesheet" type="text/css" href=" style.css" />`
- Inline: It is used to apply CSS rules to some specific tags.  
`<h1 style=" background-color: pink;">`

## **INTRODUCTION TO JAVASCRIPT**

JavaScript is used to create dynamic and interactive webpage like browsers. It is used to update and change both HTML and CSS. It can also be used in calculations, validation and manipulating the data present in the webpage.

In our project, we have used JavaScript in following ways:

- In the FAQs section, where user can see the answers by clicking on the + icon.
- Show or hide more information with the click of button.
- Change the color of button when the mouse hovers over it.
- Specially, in the product section of the website, where user can add-to-cart their favorite product and displaying the list of add-to cart.
- To open a video on button, click on the same webpage.
- Event Handling is very important part of JavaScript.
- It is light-weighted.
- JavaScript is a case-sensitive language.
- It is based on Interpreted System.

It is one of the popular languages used while creating a web page. It reduces our time, use less code, can perform various tasks to make our webpage more interactive with the server. We can use the JavaScript code in various places of HTML element. Thus overall, it helps in adding the functionality on our website.

## **INTRODUCTION TO PHP**

PHP stands for Hyper-text Preprocessor. It is an open-source server-side scripting language that is used for web development.

In our project, Php is used as a server-side technology to store data values from webpage and store it In Xamp server. The special language used to make the connection between the two is – MYSQL. PHP helps in registration page of the website, where user enters their particular details and stores that value in the Xamp server.

Users are required to feel the details like – First name, Last name,

And these data store in an admin page. Admin can display, fetch, update or delete the data whenever required. Suppose a user wants to update their details, so through php we can easily do that.

- It is platform-independent means its application can run on any OS like – UNIX, Linux and Windows.
- It helps in easy management of code.
- It can generate dynamic page content.
- Php can create, read, write, delete, update, open and closes the files on server.
- It is rich in various built-in functions for data representation.
- It is an effective technology for every feature.
- It is enabled to send and receive cookies.
- It can encrypt data easily.

## INTRODUCTION TO MYSQL

Mysql is a Database Management System (DBMS). SQL is a query programming language that manages DBMS. It allows us to store, update, and delete data in an organized way.

In our project, we have used SQL in Xamp server to fetch and displaying the user details in registration form. It is used as follows:

- Data protection
- Outstanding support
- Excellent workflow control

SQL is divided into four categories – DDL, DML, DCL and TCL.

DDL – This stand for Data Definition Language. It includes those commands that are used to reform or destroy the structure. Example- create, drop, Alter.

DML – This stand for Data Manipulation Language. It includes those commands that are used to update or change the data inside the table. Example- insert, delete, update and select.

DCL – This stand for Data Control Language. It includes those commands that are used to give privileges to the databases. Example – grant and revoke.

TCL – This stand for Transaction Control Language. Example – commit and rollback. Commit is used to save the transactions in the database. Rollback is used to restore the database to that state which was last committed.

## **INTRODUCTION TO XAMPP SERVER**

Xamp Server is used to provide a server. First, we need to install the Xamp server and start it services. Then, search for phpMyAdmin in the web browser. For using it, we need to place our project folder in XAMPP/htdocs folder.

In our project we have created a database “responsiveform4” for the registration form of our webpage, then created a table name “form” where the entities entered through registration form are stored inside the form table.

Xamp is an open-source package that is widely used for Php development. It provides a graphical interface for SQL (phpMyAdmin).

It is free and easy to use and easily available for the windows, Linux and Mac OS. With the help of XAMPP Server we can test projects and our modifications before releasing them to the internet.

The MySQL database forms a vital component of the XAMPP Stack, being one of the most significant features offered by it. With XAMPP, you can use phpMyAdmin to create and use your XAMPP MySQL databases in minutes.

- It provides a graphical interface for SQL.
- XAMPP contains MariaDB, PHP and Perl;
- One of the limitations of XAMPP server is that no password for the database Administrator.
- The Local Mail Server is not secure.

## **CHAPTER 3**

### **SDLC**

**(Software Development Life Cycle)**

Software Development Life Cycle represents the procedures of Project Development and Maintenance. SDLC is the overall process from planning of the project to the maintenance and its testing step by step, i.e., from inception to retirement of the product. This method leads to the development of our project Educational Website – “Subjectsaholic” in a systematic and disciplined manner.

At present there are various software engineering paradigms which are used for the development of software. To build a software or a project a developer must follow a specific SDLC paradigm. After working on analysis, we find that the “Linear Sequential Model” is applicable for our project.

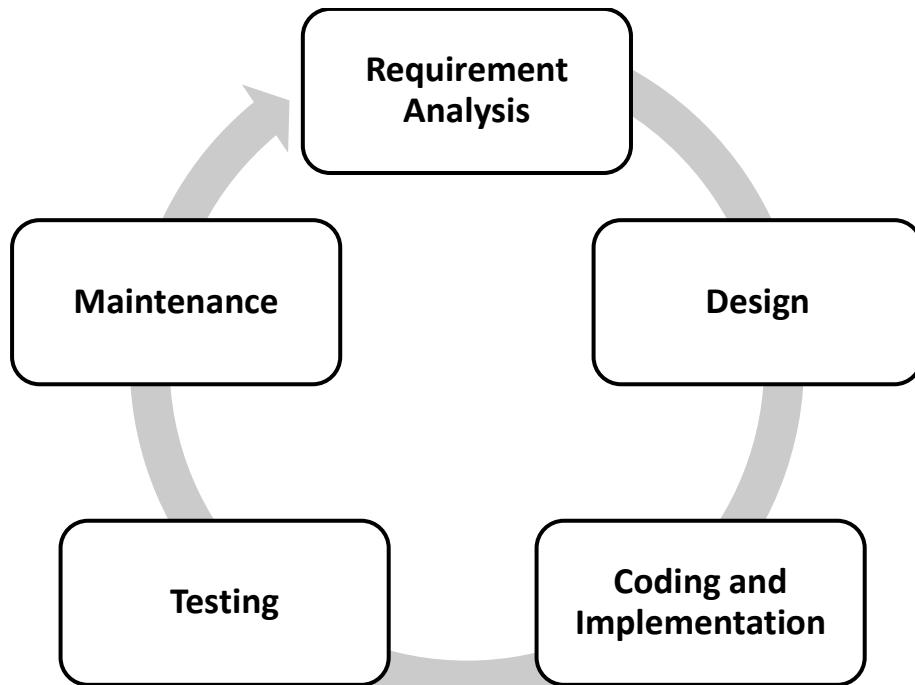
### **Purpose of SDLC:**

- The main purpose of SDLC is to build a high-quality product on the basis of customer's requirements.
- It helps in successful implementation of project that satisfy user's need.
- To ensure the delivery of project on time and within budget.

### **Various Phases of SDLC:**

- Planning (Feasibility Study)
- Requirement Analysis
- Design
- Coding and Implementation
- Testing
- Deployment
- Maintenance

## SDLC PHASES:



**Fig 3.1 Various phases of SDLC**

Following are various phases of SDLC:

### **1. Planning Phase:**

Following steps are followed:

- **Collection of Facts:** Specifying the requirements for the project to facilitate creating the work breakdown structure.
- **Scrutiny of the existing system:** to identify the merits or demerits of the present system in-place, so as to carry forward the merits and avoid demerits for the new system.

- **Project Scheduling:** listing out the entire schedule of the activities and detailing their sequence of implementation.
- **Resource Planning:** It is to divide the work – who will do what work, at which time and if any specific skills are needed to accomplish the project tasks.
- **Challenges:** planning for possible challenges and considering optional plans and strategies. What are the new technologies do we require to learn and how to deal with it.

## **2. Requirements Analysis:**

During this phase, all the relevant information is collected from one user to build the website as per the expectations. Any problem raised is solved in this phase.

Here, we set up a small Conversation session to decide what to do next, and who will be the end-user for our website, what should be the objectives as well as who will be our targeted audiences. So, before building a website a complete knowledge of the website is very crucial. Once the requirements are clearly understandable, SRS document is created. This document helps the customers or end-users for future reference.

## **3. System Design:**

This phase describes the detailed features of website, including rules and regulations, process diagrams, screen layouts, terms and conditions, and other documentation. Whatever discussed in SRS document is now considered as an input and an architectural structure of it is implemented.

#### **4. Implementation and Coding:**

In this phase, all the coding part is included. The architectural design or software design is converted into source code. All the components of the website like courses section, about us section and product section are implemented in this phase.

#### **5. Testing:**

Once the coding part is done, then its testing is initiated. In this all the test cases are examined and any defaults are to be fixed. Testing objective is to rectify all the instances of the project so as to build the website according to the customer's choice.

#### **6. Deployment:**

In this phase of the SDLC, the final project (website) is delivered to the customers - purchasing the domain and hosting and then host the website on the browser. Though our website works on Localhost.

#### **7. Maintenance:**

The work of any developer is not finished after the delivery of the project or website, its maintenance after the delivery of the product is very important step. Here, regular updation of the website, adding new components as well as customer's changing demand has to be fulfilled.

## **CHAPTER 4**

### **System Analysis**

Analysis is a detailed study of several functions performed by the system and the established relationship between inside and outside the system. It includes finding the more detail about the problem and where are the different new changes user wants.

**Limitations of Existing System:** I try my best by spending lots of days or almost 3 months on this project “Subjectsaholic Educational Website” but I am unable to add different states Languages of India. Our website includes only Hindi and English version of the educational videos.

### **Purpose of the project:**

Educational website will help the people to gain knowledge regarding their subject through content-based or videos. E-commercial nature of our website is to support the interaction between the people engaging with transaction via the network, as well as the management of the data involved in the process, as number of people are increasing their confidence to purchase online.

A good e-commerce website should have the following facets for the better usability:

- a) Efficient organisation of categorised products.
- b) Consistent layout of the information.
- c) Proper use of links and buttons
- d) Secure data or encrypted data notifications
- e) Feedback must be proper.

### **Feasibility Study:**

It is a very attractive website with a user-friendly interface. It is very easy to use because all the navigation structure is understandable. A user having knowledge of how to search and access the login page to purchase paid courses can easily use the website.

### **Operational Feasibility:**

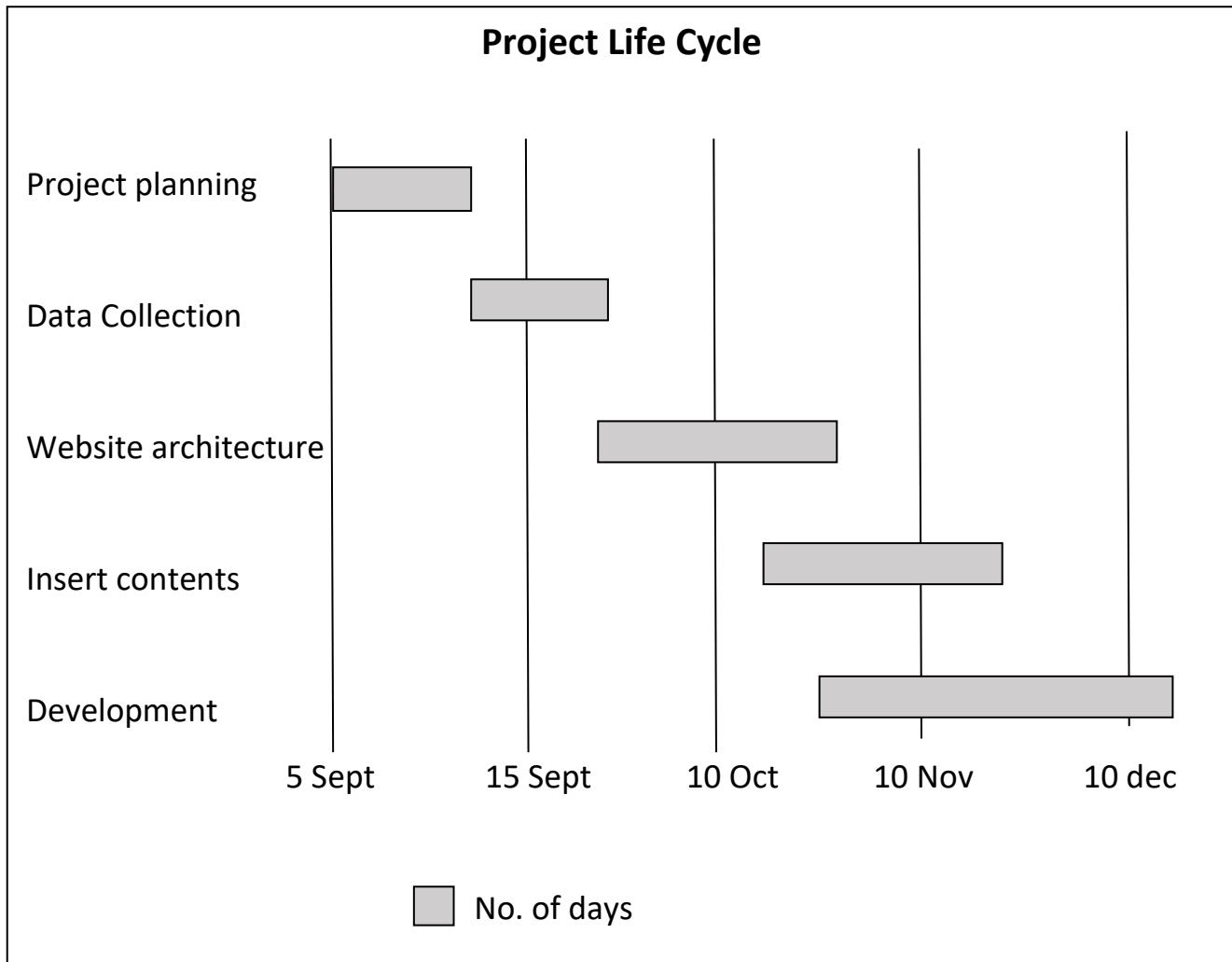
This project will facilitate the global presence of the website as anybody can use this website. Also, the use and knowledge as well as complete understanding about the “Educational Website” that help them to choose the right career for them.

### **Economic Feasibility:**

Basically, the website is here to help the users to choose their favorite course in which they are interested. Our website also includes the most interesting feature that is -Product section- through which the students or the users can purchase their stationary items to make Subjectsaholic a good brand. Thus, providing a free shipping product. Mainly help the customers to use our website for Educational Online Videos as well as to purchase our Subjectsaholic stationary products.

## **PROJECT MONITORING SYSTEM**

- Gantt Chart of the project-



**Fig 4.1 Gant chart of project**

The above fig 4.1 explains the life cycle of our project. Our project planning starts in the beginning of September month. Then one after another stages goes on and project goes according to the planning phase of the life cycle.

## **Requirement Specifications**

- **System Requirements:**

The computer system is made up of units that are put together to achieve a common goal. The requirements for the implementation of the system are as follow:

1. The Hardware

2. The Software

- **Hardware required:**

Processor	Intel(R) Core (TM) i3-1005G1 CPU @ 1.20GHz 1.19GHz
Ram	4.00 GB or above
Hard Disk	50 GB or above
Input Devices	Keyboard, Mouse
Output Devices	Monitor

- **Software Required:**

Operating System	Windows XP, 7, 8, 10, Linus and Mac
Browsers	Chrome, Microsoft Edge, Internet Explorer, Firefox
Front-end	HTML, CSS, JavaScript, php
Back-end	MySQL
Server	XAMPP

## **CHAPTER 5**

### **Module Structure**

✓ **Home Page:**

This is the First or Home page of our website. It is the default page of the website. It includes all the information about the project. When the user present on any page he can directly go homepage by pressing the button. This Home Page comprises of the “Popular Courses Section”, “Frequently Asked Questions (FAQ’s)”, “Footer section” as well as “Sign-Up page”.

➤ **Sign-Up page:**

This page takes user’s details like first name, last name, phone number, address, Email id etc. through which user can sign up. After sign-up the details will be saved on the admin panel. The admin can access, create, delete, update these fields anytime from anywhere. Then login-in process starts. If the user has already had an account, he has to fill only email and password next time otherwise, it will display an error message. After successfully login, transaction process starts and thereafter user access the courses section.

➤ **Popular Courses Section:**

This is a sub-part of the home page which is used to represent the popular or in most trend video of our website. It is free of cost. The videos are embedded within the webpage.

➤ **Frequently Asked Questions (FAQ’s):**

This is another sub-part of the home page which is used for most frequently asked questions by the users. This includes the mode of payment for the product item to be purchased or asking for the free trial and the answers has been displayed to help others too.

➤ **Footer section:**

This section is in every page of the website. This includes a short detail of links through which customers can interact with us on different platforms, Owner contact information and Quick Links to directly explore those contents of the website.

✓ **About Us:**

**1. Detailed-View:**

This section comprises of the details of the website. It tells about the Mission, Vision and Achievements. It also consists of the social media logos through which user can communicate and join our “Subjectsaholic” Community.

**2. Team-Members:**

This page also includes the information of “TEAM MEMBERS”, their professional Qualifications with their pictures.

✓ **Courses:**

This section of the website comprises of all the courses includes – C, C++, Java, Python and Computer Fundamental. User can click on the “Load More” to explore more educational videos. At the header part there is a book icon and user can look in more course categories.

**1. Dashboard:**

This page shows the overall dashboard of the Courses section.

## **2. Events:**

One of the advantages of this pages is that at the end of the video completion is the “QUIZ SECTION”. In this page, our website conducts new events like presentation competitions, subject’s quizzes etc. So, all the trending events for the users will be displayed here.

## **✓ Products:**

This section is used to purchase various stationary items. There are various stationary items available on the website. The admin can update, delete, and add new branded items as per requirements.

## **1. Add-Cart:**

User can “Add-to-Cart” their items and purchase them. This will be displayed on the right side of the product section. User can increase the quantity as required and as quantity increases, its prices multiples gradually.

## **✓ Contact Us:**

This section comprises of a form where user can give feedbacks and customers’ complaints and suggestions if any. User will send an email to the admin. There is a text box to print messages, feedbacks for the website. In addition, it also used for user’s complaints (if any).

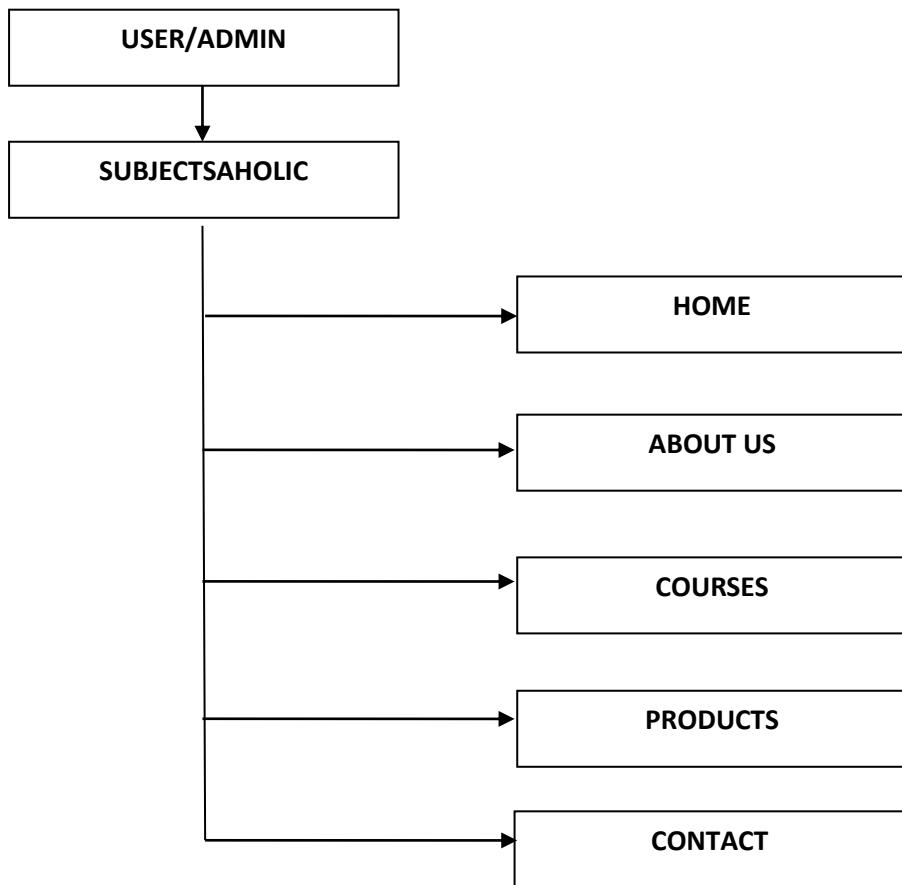
## **CHAPTER 6**

### **DATA FLOW DIAGRAMS**

**(DFD'S)**

## SYSTEM DESIGN

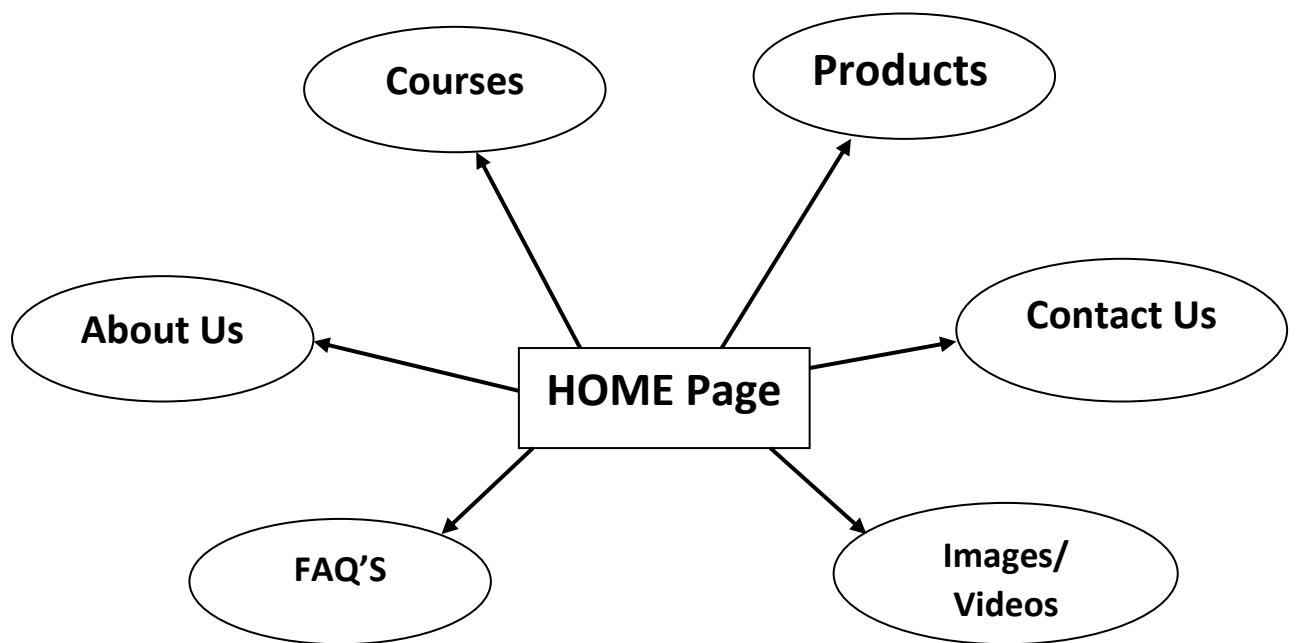
### O LEVEL DFD



**Fig 6.1 Several Sections of Subjectsaholic**

The above O level DFD explains the several sections of Subjectsaholic. First of all, User/Admin login to the Subjectsaholic Website, then user can explore the various sections like – Home Page, About Us page, Courses Page, products page and contact Page. The first page opens after the successful login into Subjectsaholic is Home Page. Home Page includes – popular courses and FAQ's.

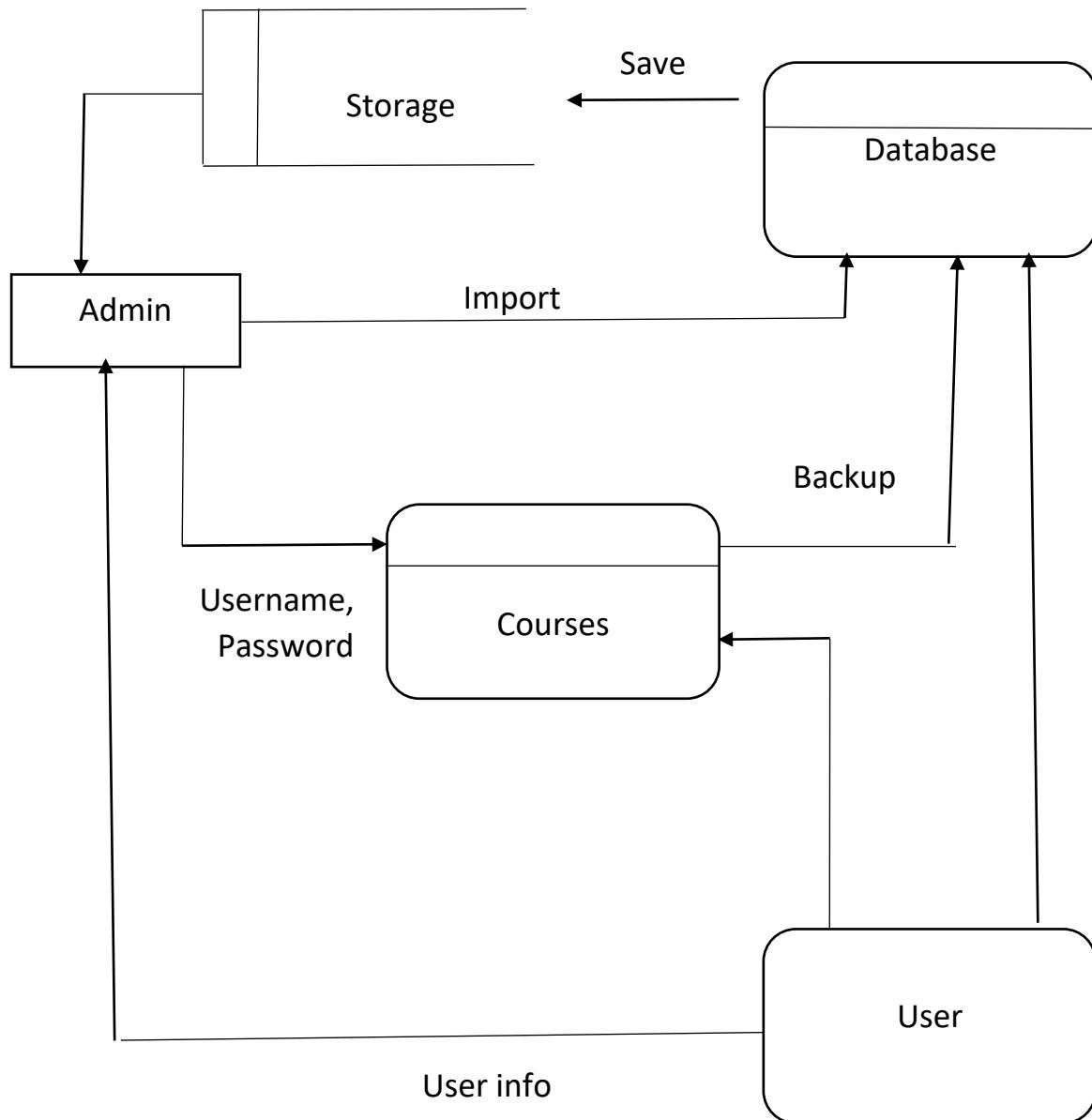
## 1 LEVEL DFD



**Fig 6.2 Several Sections of Home Page**

The above 1 Level DFD explains different sections of a Home Page. A Home page contains FAQ'S through which commonly asked questions are displayed. Our Popular Courses includes all the trending videos. Despite of it, it has About Us, Contact Us, Products, Courses.

## 2 LEVEL DFD



**Fig 6.3 flow of information of Subjectsaholic**

This 2 Level DFD explains flow of information of our website.

### CONTACT US MODULE DFD

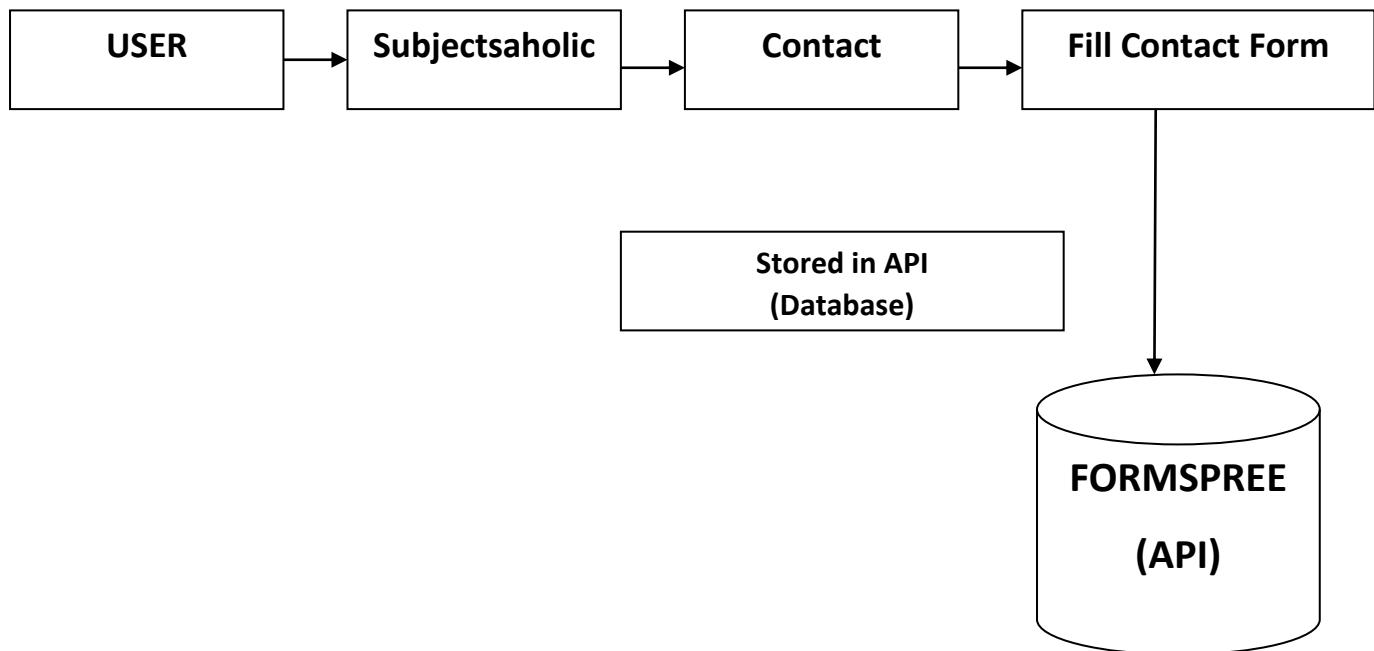
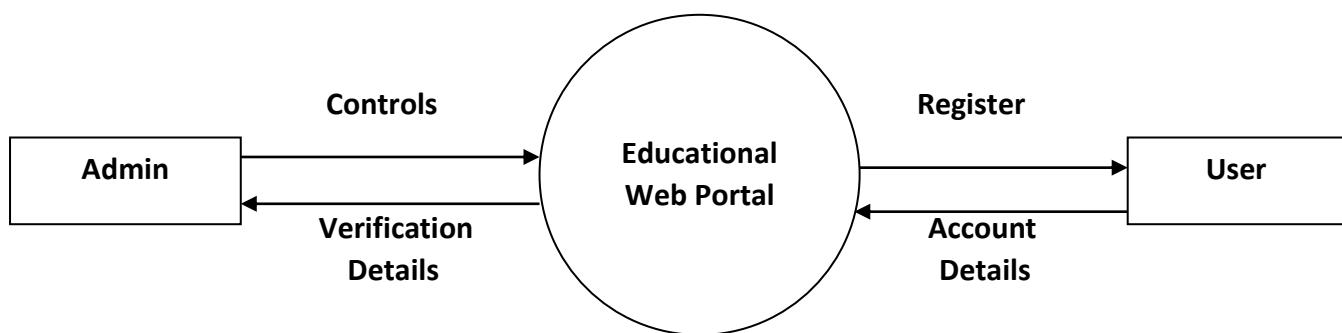


Fig 6.4 Working of Contact Form

The above DFD explains working of Contact form. First of all, user access the Contact Us Section of Subjectsaholic and then fill the Contact form. The data will be stored in the database. Here, FormSpree API is used. Admin can visit this platform anytime to check the client's mail. On the basis of this, further improvements will be implemented.

## **EDUCATIONAL WEB PORTAL**

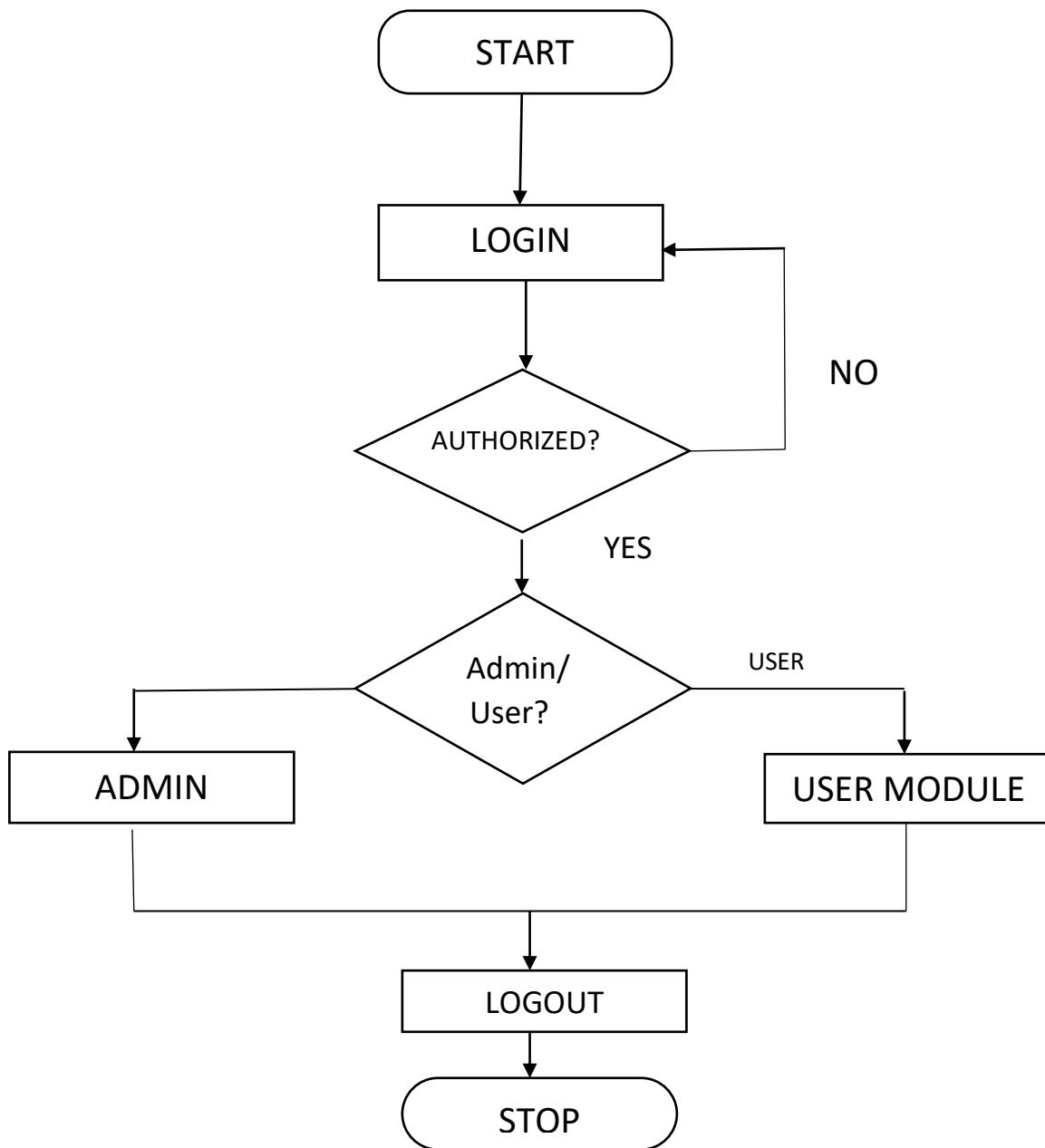
### **(FLOW CHART)**



**Fig 6.5 EDUCATIONAL WEB PORTAL**

The above DFD explains working of educational web portal. There is a user and an admin. Admin can make controls on the website and can verify the details of the user if registered earlier with the login details of the user. On the other hand, User have to fill the registration detail and account details.

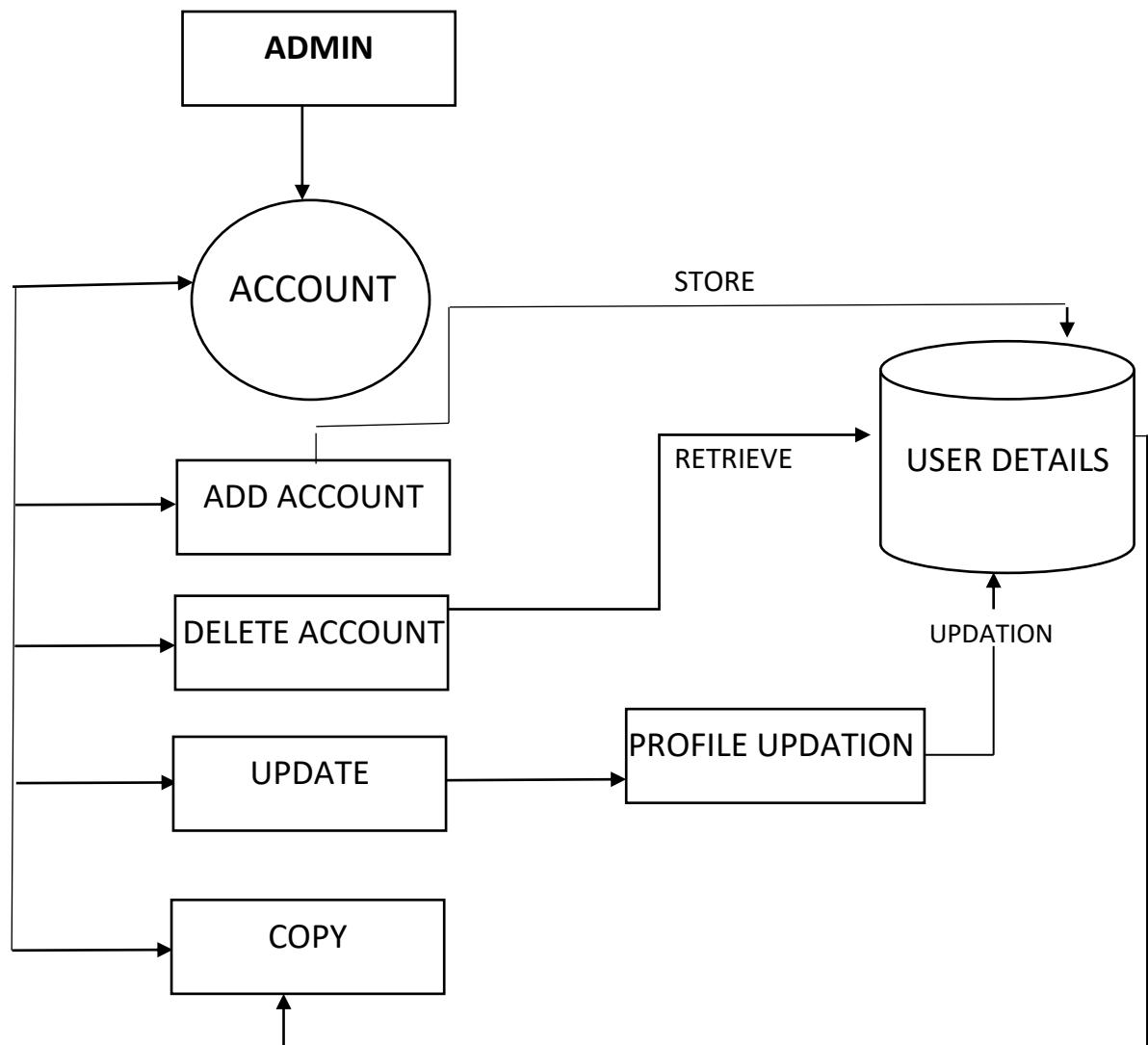
## E-R DIAGRAM LOGIN MODULE



**Fig 6.6 Login Module**

The above ER Diagram represents the Login Module relationship between the admin and user. First user will login the form, if authorized, asked for user or admin. If the entered details are of user, a user module will be opened else admin module will be opened. After using the website, user can logout and the process stops.

## ADMIN MODULE



**Fig 6.7 Admin Module**

The above ER diagram explains the admin module. After login admin account, an admin can add, delete, update and copy the details and profile. All the data modification will be stored and can be retrieved from the database.

## **CHAPTER 7**

### **Database design**

## DATABASE DESIGN

### ➤ Format of the database

Registration form:

Field name	Brief description	Field type	Restriction	Allow Null
Fname	First name	Text	25	No
Lname	Last name	Text	25	No
Password	Password	Text	30	No
Cpassword	Confirm password	Text	30	No
Email	Email	Text	40	No
Phone	Phone	Text	10	No
Address	Address	Text	50	no

**Table 7.1 Registration form table**

The above table explains the database created for registration form. It has the 5 fields which specifies the field name, its description, type, restriction and values allow for NULL. All the details are stored in text format.

### **Login form**

Field name	Brief description	Field type	Restriction	Allow Null
Username	user name	Text	25	No
Password	Password	Text	30	no

**Table 7.2 Login form table**

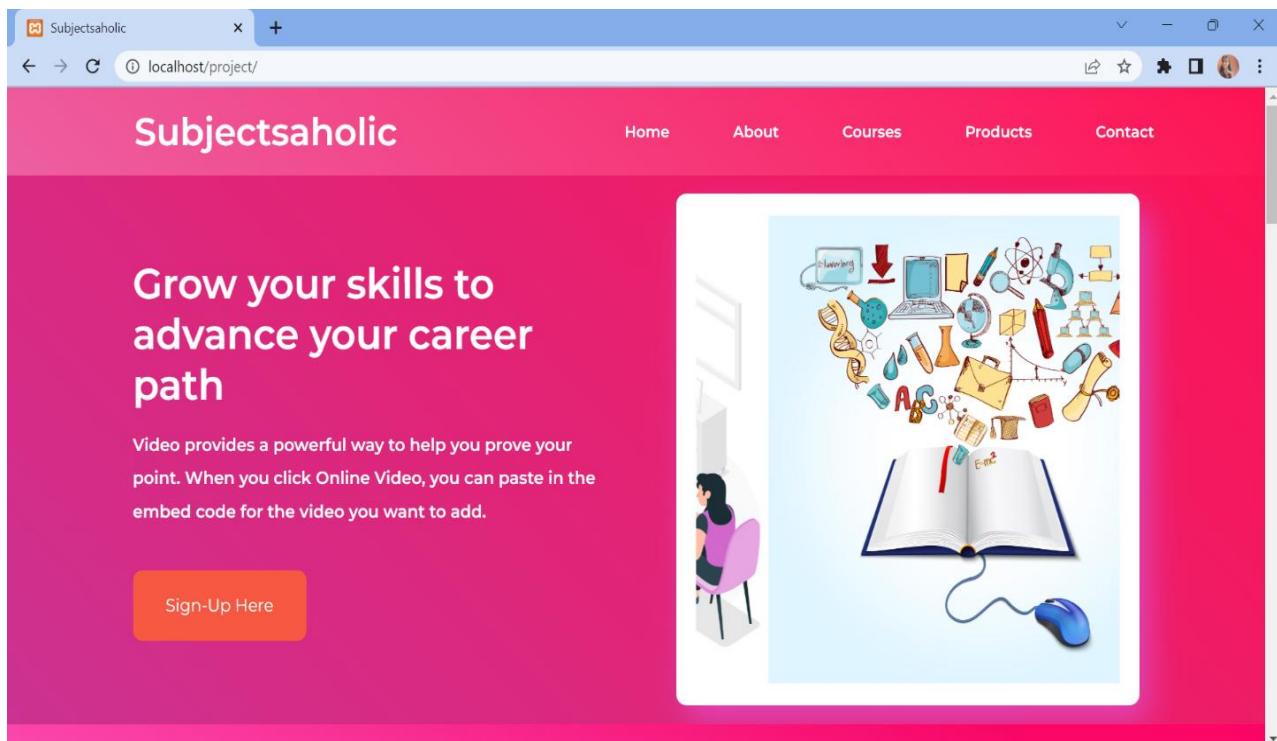
The above table explains the database created for Login form. It has the 5 fields which specifies the field name, its description, type, restriction and values allow for NULL. All the details are stored in text format.

## **CHAPTER 8**

### **Screen Design**

## **SCREEN DESIGNS**

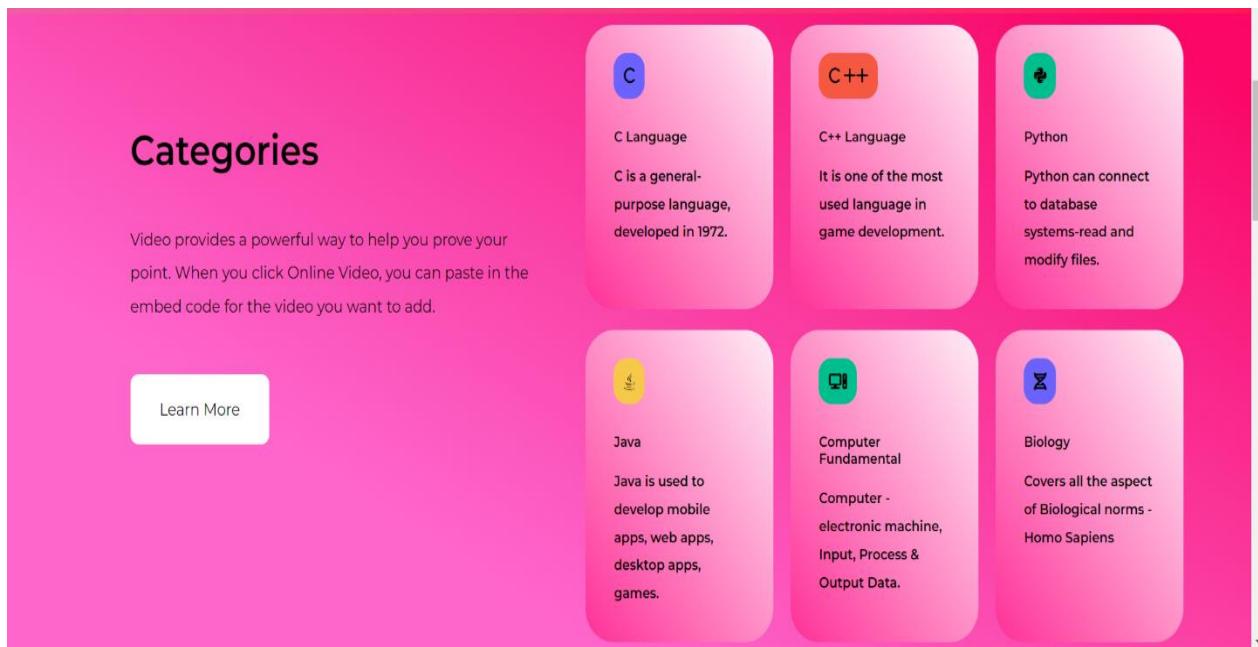
### **1. Home Page**



**Fig 8.1 Home Page**

- This snapshot is the First or Home page of our website. It is the default page of the website. It includes all the information about the Website. When the user present on any page he can directly go homepage by clicking the button.
  
- This Home Page comprises of the “Popular Courses Section”, “Frequently Asked Questions (FAQ’s)”, “Footer section” as well as “Sign-Up Button”.

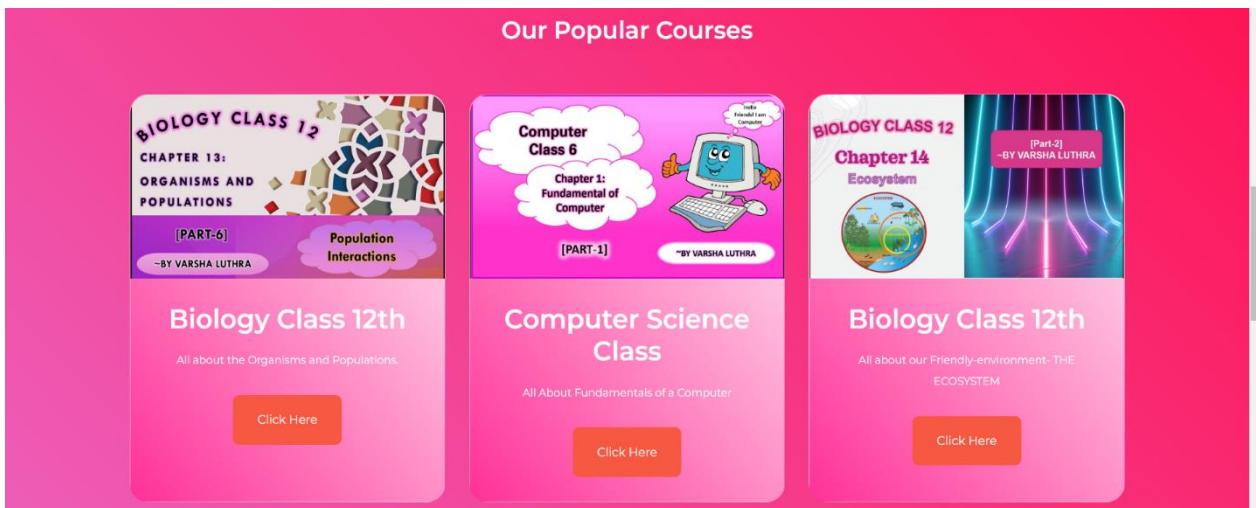
## 1.1 Categories Section



**Fig 8.2 Categories Section**

- This snapshot shows all the categories of subjects available on “Subjectsaholic” and a brief description about several courses.
- There are 6 courses sections – C, C++, Python, Java, Computer Fundamental and Biology. When we click on Learn More button, it will give us a simplified tour to “our videos gallery”. It also provides us the platform to freely and openly access our courses videos.

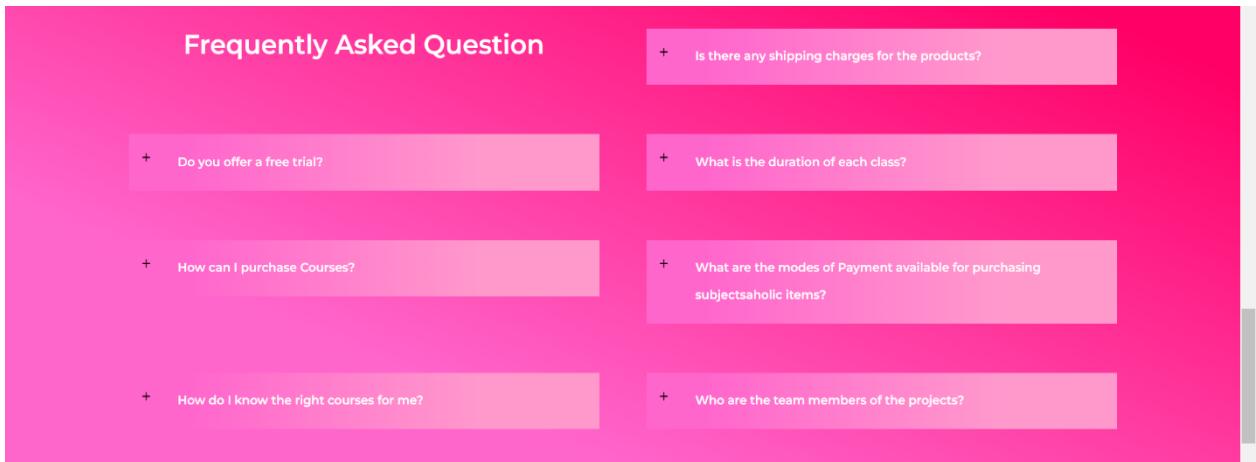
## 1.2 Popular Courses Section:



**Fig 8.3 Popular Courses Section**

- This is a sub-part of the home page which is used to represent the popular or in most trend video of our website.

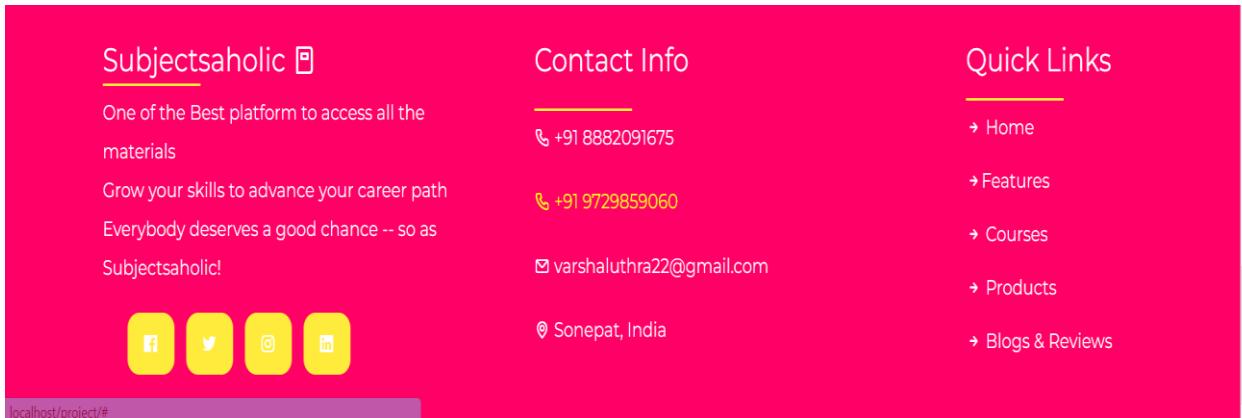
## 1.3 Frequently Asked Question (FAQ's):



**Fig 8.4 Frequently Asked Questions**

- User can view the most commonly asked questions for the website.

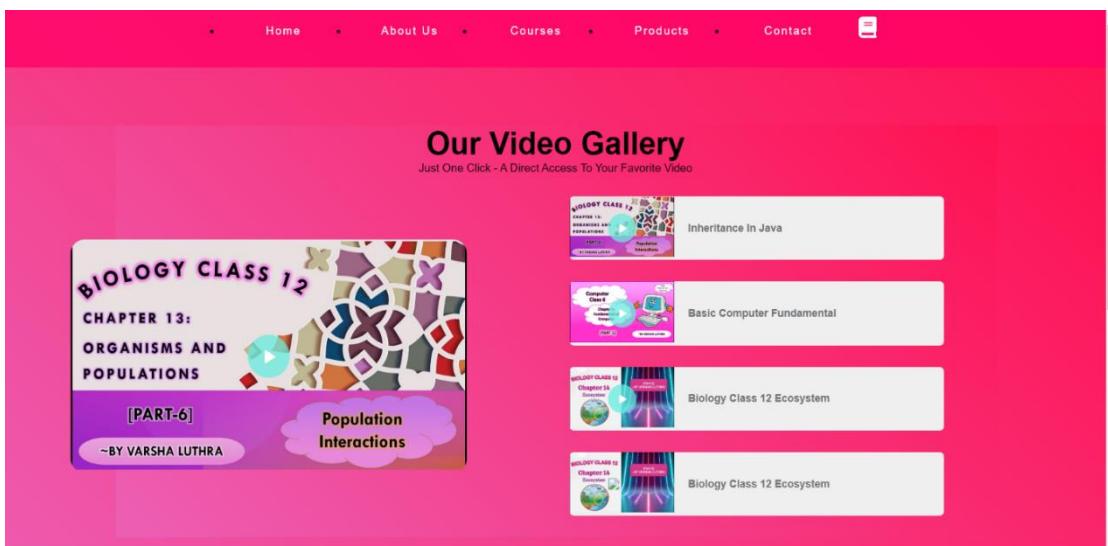
## 1.4 Footer section:



**Fig 8.5 Footer Section**

- This section is in every page of the website. This includes a short detail of links through which customers can interact with us on different platforms, Owner contact information and Quick Links to directly explore those contents of the website.

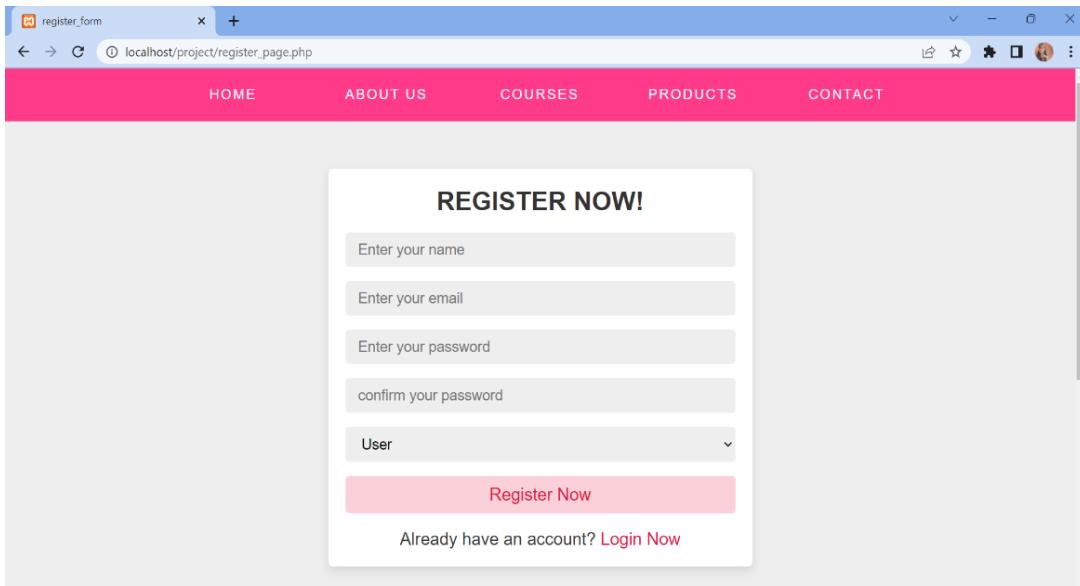
## 2. learn More



**Fig 8.6 Our Video Gallery**

- By clicking on Learn More Button of the Main page, Our Video Gallery webpage will be open.

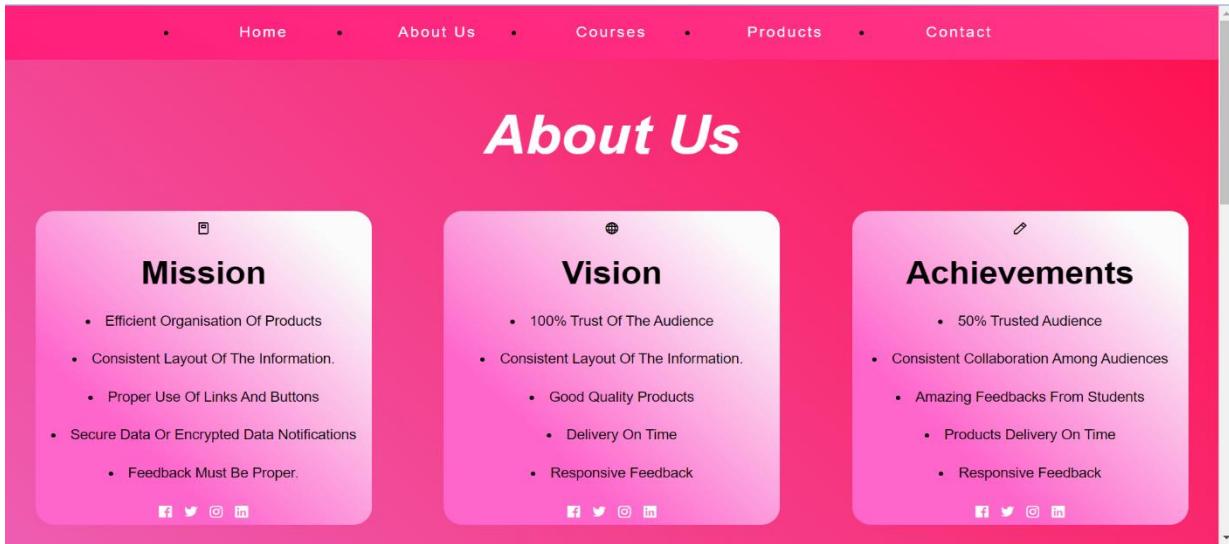
### **3. Sign-Up Button:**



**Fig 8.7 Admin Module**

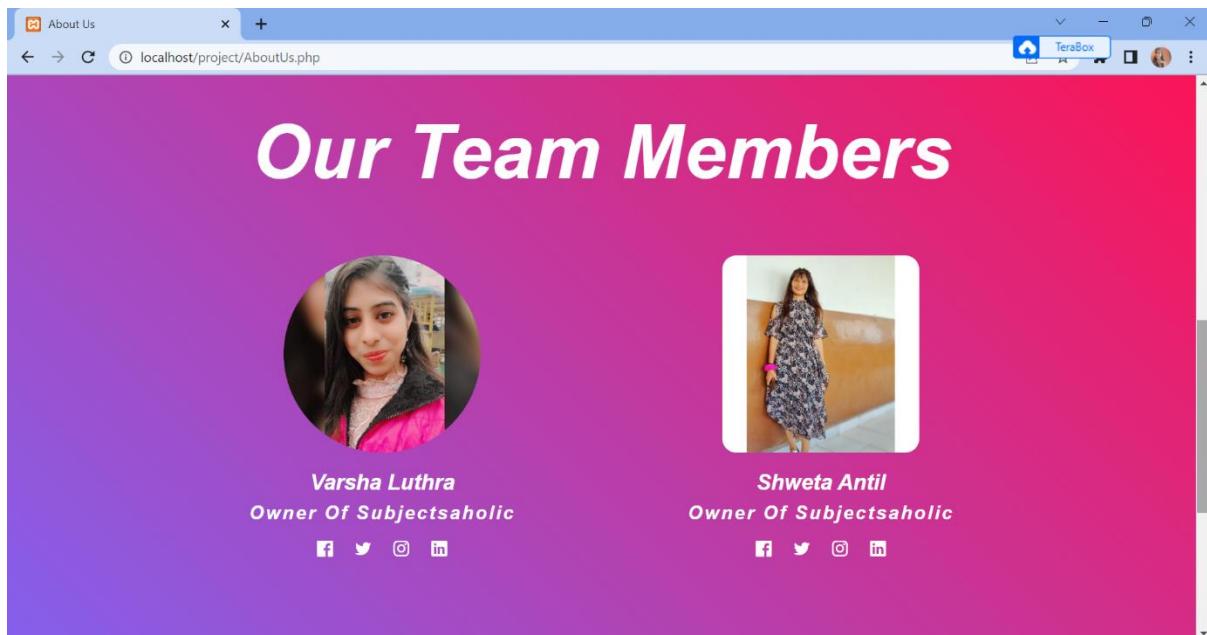
- By clicking on this Button, one can fill the sign-up form.
- There are several input fields in the sign-up form such as user's name, email, password, confirm password and selection mode for admin or user.
- If a user has already an account, then no need to register again. Just Simply fill up the Login Form.

#### 4. About Us Page



**Fig 8.8 About us page**

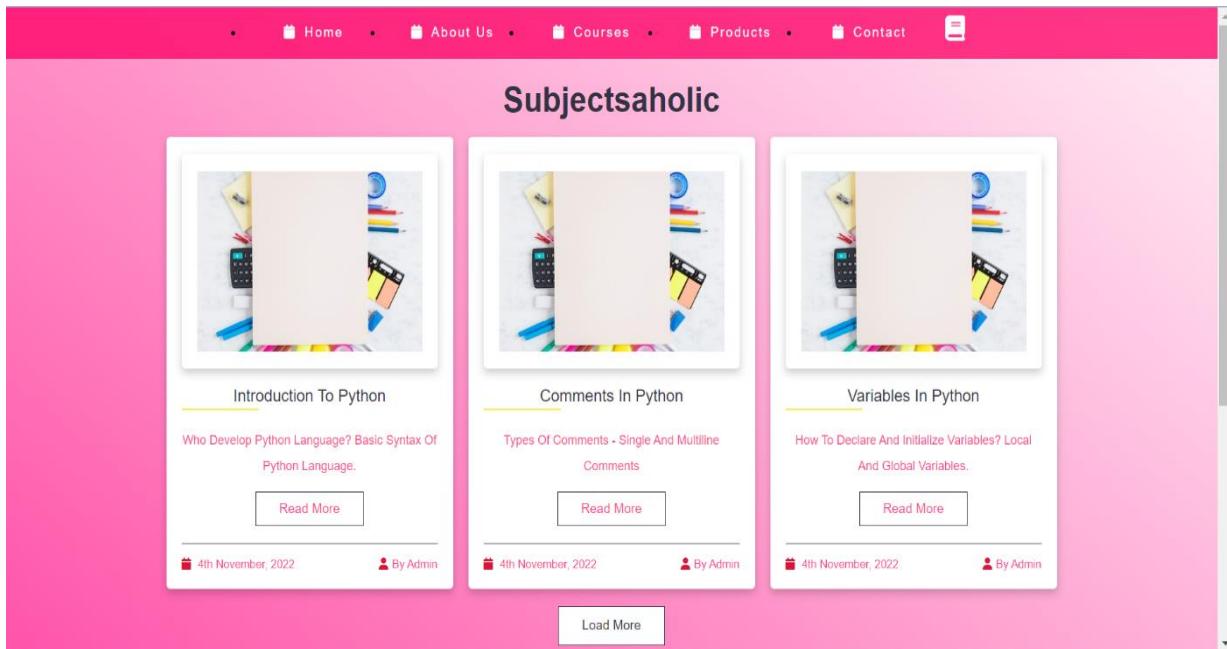
- Here users can get all the information regarding Subjectsaholic Website as well as details of the team members and their contribution towards their contents.



**Fig 8.9 Team Members**

- This section shows the information of team members.

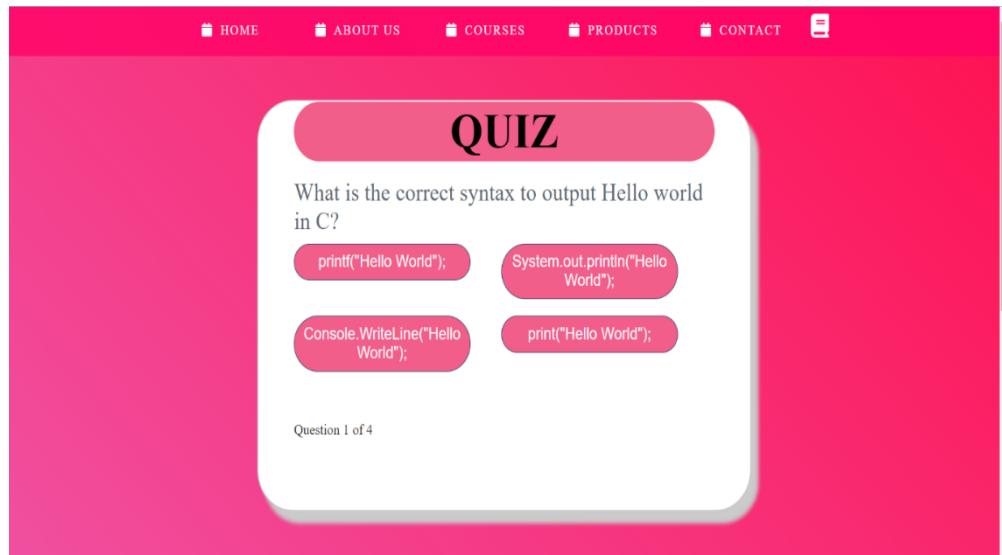
## **5. COURSES PAGE**



**Fig 8.10 Course Page**

- This section comprises of all the educational contents. User can explore more by clicking on “LOAD MORE” button. There is a quiz section for the registered user.
- At the navbar there is a book-icon on the top-right corner, by clicking on this, sidebar will be displayed. In that sidebar, a list of courses available on the website will be displayed.
- There is an event section also that display the quizzes section and several contests for the students. The admin will update and add-on events.

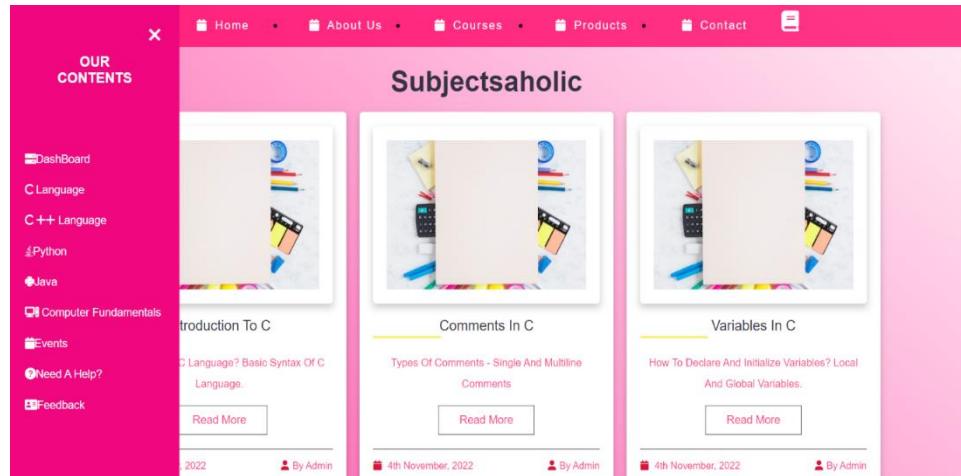
## 5. Quiz PAGE



**Fig 8.11 Quiz Page**

- This snapshot is the quiz page through which the registered user can see their progress after watching the courses video.

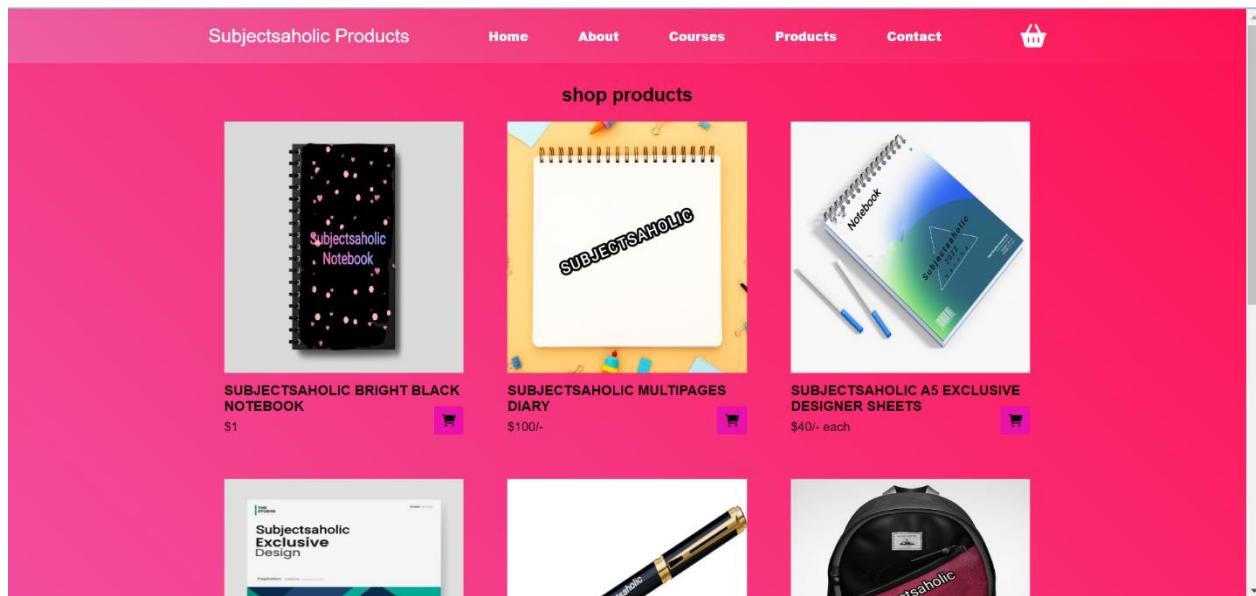
## 6. Book-Icon



**Fig 8.12 Book Icon**

- User can explore more options from the sidebar by clicking on the Book Icon on the header. This will redirect the user to a particular course.

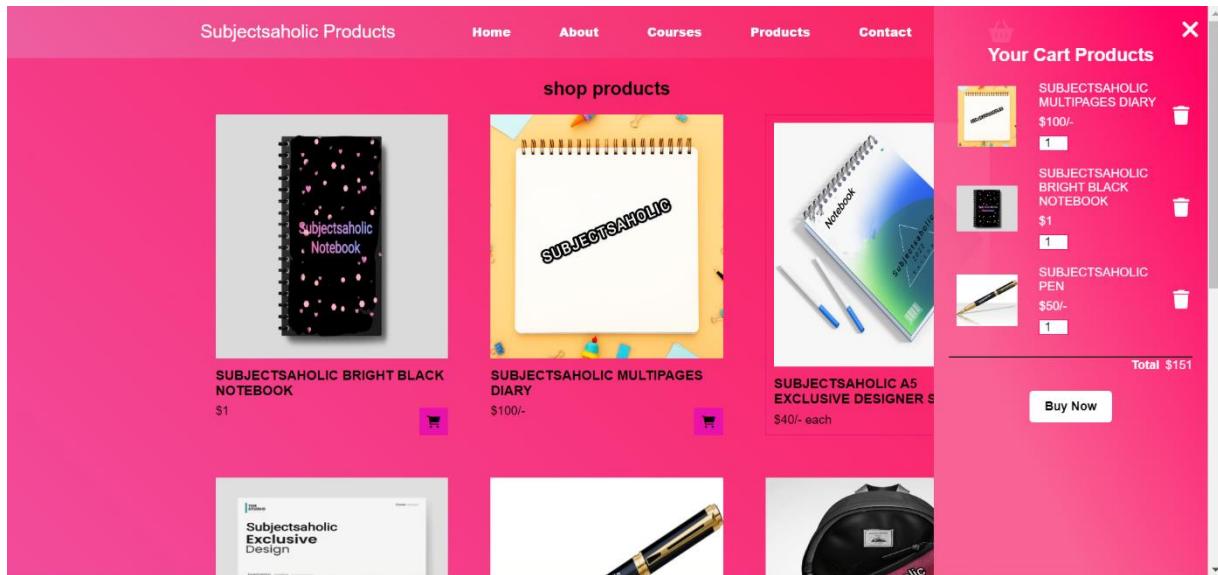
## **7. Product Page**



**Fig 8.13 Product Section**

- This snapshot is product page. User can purchase any stationary products from this section of our website.
  
- This section is used to purchase various stationary items. There are various stationary items available on the website. The admin can update, delete, and add new branded items as per requirements.

## Add-to Cart:



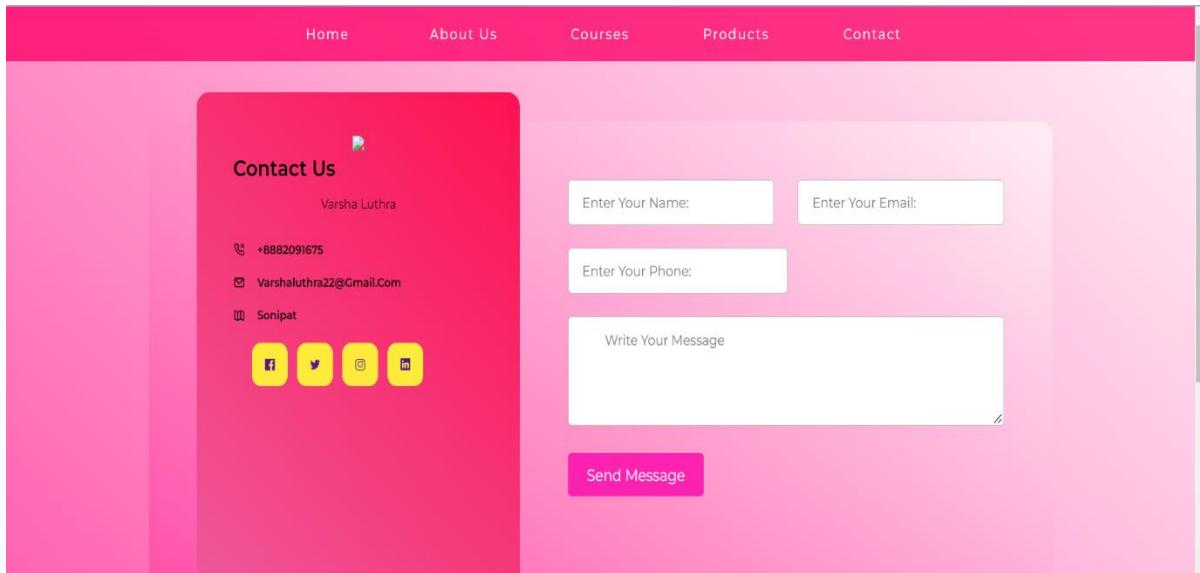
**Fig 8.14 Add-to-Cart**

- The above snapshot explains user can “Add-to-Cart” their items and purchase them. This will be displayed on the right side of the product section. User can increase the quantity as required and as quantity increases, its prices multiples gradually.

## Buy Now

- User can ADD-TO-CART their product items and later on can purchase them. There is a pop-up dialog box will appear that show a message – “Your order has been placed”.

## **8. Contact Us**



**Fig 8.16 Contact Us Page**

- ✓ This section comprises of a form where user can give feedbacks and customers' complaints and suggestions if any. User will send an email to the admin. There is a text box to print messages, feedbacks for the website. In addition, it also used for user's complaints (if any).

## **CHAPTER 9**

## **SYSTEM TESTING**

System testing is a testing practice to test the websites or web applications for potential bugs. It is a complete testing of website before making live. A web-based system needs to be rechecked completely step-by-step before it goes live for the end-users.

By performing website testing, an organisation or company can make confirm that the website is working properly and can be accepted by a real-time or end-user.

Website testing is a process used to help identify the completeness, correctness, security and quality of developed website. Testing is a process of technical investigation, performed on behalf of stakeholders, that is to reveal quality-related information about the objective.

This includes launching a website with the intent of finding errors or mistakes. It comprises of comparison between state and behavior of a website. The functionality and User Interface (UI) are the main keys of the website testing.

## **1. Functionality Testing**

It is a type of Black-Box testing that bases its test cases on the specifications of the website components. Functions are tested by giving the inputs and examining the output, and internal program structure is rarely considered.

Functional testing does not imply that you are testing a function or method of your module. Functional testing tests a slice of functionality of the whole system.

Test for -all the links in web pages, forms used for submitting or getting information from the users in the web pages, frames, connections of links, videos contents etc.

### **Checking all the links:**

- Test all the internal links.
- Test all the outgoing links from all the pages to the specific domain under test.
- Test links for the contact form to send an email to admin or other users from the website.
- Testing the links jumping on the same webpage.

### **Links of websites contains as follow:**

- Internal links
- External links
- Mail links
- Videos link

## **2. Usability Testing**

It is a technique used in user-centered interaction design to evaluate a product by testing it on users. This can be seen as a usability practice, since it gives direct input on how real users uses the system.

Usability testing focuses on measuring a human made product capacity to meet its intended purposes and weaknesses are identified for correction.

Usability testing can be examined by the following ways:

- User satisfaction
- General appearance
- Easy and user-friendly application
- Expose usability defects
- Flexibility of applications to handle controls
- Navigation

### **3. Compatibility Testing**

Compatibility of the website is a very crucial aspect of testing. Compatibility test is an assessment used to ensure a website or a software is properly working across different browsers, databases, Operating System (OS), mobile devices, networks and hardware compatibility testing to ensure trustworthy applications and customer satisfaction.

We can perform compatibility test as follow:

- Browser Compatibility:

Some website dependent on web browsers. Different browsers have different configurations and settings that your web pages should be compatible with.

- Mobile Browsing:

As the technology era is rising, a responsive website is now becoming the most important part of any website development. so In future mobile browsing will be rocking. Test your website on mobile browser. Compatibility issues may be there on mobile devices as well.

#### **4. Black Box Testing**

It is a kind of testing in which the functionality of the website applications is tested without having knowledge about the internal code of the website used. It does not focus on the internal structure of the website, implementation details and internal links or paths.

Black box testing mainly focuses on the input and output of the website or software applications and it is entirely based on the website requirements and specifications, it is also known as behavioral testing.

For example, it checks on the good and correct posture or general appearance of the website rather than the internal code and links include in implementing that website.

#### **5. White Box Testing**

White box testing is a technique used to analyze the internal structure of the website used data structures, internal designs, code structure, and the working of each and every component of the website rather than just functionality as one in Black box testing. It is also called clear box testing, transparent testing and open box testing.

In this type of testing, the code is visible to the tester. It focuses primarily on verifying the flow of inputs and outputs through the website application, improving design and usability, strengthening security.

## Validation and verification:

Software testing is just a kind of verification, which also uses techniques such as reviews, inspections, and walk-throughs. Validation is the process of checking what has been specified is what the user actually wanted.

- Validation: Are we doing the right job?
- Verification: Are we doing the job right?

In order to achieve consistency in testing, it is imperative to have and follow a set of testing principles. This enhances the efficiency of testing within team members and thus contribute to increased productivity.

## Features of Validation and verification:

- ✓ Verification includes checking documents, designs, codes and programs. On the other hand, validation includes testing and validating the actual product.
- ✓ Verification is static testing while validation is dynamic.
- ✓ Verification does not include the execution of the code while execution code is included in the validation testing.
- ✓ Verification means checking of the software specialization or not while validation checks whether the project meets the requirements of the customers.
- ✓ Verification is done before validation.

## **TEST CASES**

### **I. All the sections and sub-sections of the website**

<b>Test Case</b>	<b>Modules/ Submodules</b>	<b>URL/Address</b>	<b>Result</b>
1.	Home	<a href="http://localhost/project/Home.php">http://localhost/project/Home.php</a>	Successful
2.	About Us	<a href="http://localhost/project/AboutUs.php">http://localhost/project/AboutUs.php</a>	Successful
3.	Courses	<a href="http://localhost/project/courses.php">http://localhost/project/courses.php</a>	Successful
4.	Products	<a href="http://localhost/project/products.php">http://localhost/project/products.php</a>	Successful
5.	Contact	<a href="http://localhost/project/contact.php">http://localhost/project/contact.php</a>	Successful
6.	Sign-up here	<a href="http://localhost/project/register_page.php">http://localhost/project/register_page.php</a>	Successful
7.	Learn More	<a href="http://localhost/project/videos_gallery.php">http://localhost/project/videos_gallery.php</a>	Successful
8.	Click Here	<a href="http://localhost/project/Home.php">http://localhost/project/Home.php</a>	Successful
9.	Read More	<a href="http://localhost/project/courses.php">http://localhost/project/courses.php</a>	Successful
10.	Book-Icon	<a href="http://localhost/project/courses.php">http://localhost/project/courses.php</a>	Successful
11.	Dashboard	<a href="http://localhost/project/Events.php">http://localhost/project/Events.php</a>	Successful
12.	C language	<a href="http://localhost/project/courses.php">http://localhost/project/courses.php</a>	Successful
13.	C++	<a href="http://localhost/project/courses2.php">http://localhost/project/courses2.php</a>	Successful
14.	Python	<a href="http://localhost/project/courses3.php">http://localhost/project/courses3.php</a>	Successful
15.	Java	<a href="http://localhost/project/courses4.php">http://localhost/project/courses4.php</a>	Successful
16.	Events	<a href="http://localhost/project/Events.php">http://localhost/project/Events.php</a>	Successful
17.	Need a Help?	<a href="http://localhost/project/contact.php">http://localhost/project/contact.php</a>	Successful
18.	Feedback	<a href="http://localhost/project/contact.php">http://localhost/project/contact.php</a>	Successful
19.	Add to cart	Add to cart side bar	Successful
20.	Buy now	Your order is placed	Successful

**Table 9.1 test cases table**

The above table explains the overall test cases done for the website. Its main purpose is to perform verification process. Through verification, the checking of each and every web page of the website and check whether running successfully or not.

## **II. Registration form (New Admin Registration):**

The screenshot shows a web browser window with a pink header bar containing navigation links: HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. The main content area has a white background with a central registration form. The form is titled "REGISTER NOW!" in bold capital letters. It contains five input fields: "Enter your name", "Enter your email", "Enter your password", "confirm your password", and a dropdown menu set to "User". Below the form is a pink button labeled "Register Now". At the bottom of the form area, there is a link "Already have an account? [Login Now](#)".

**Fig 9.1 Registration form testing (1)**

### Registration Form: (for Admin)

The screenshot shows a web browser window with a pink header bar containing navigation links: HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. The main content area has a white background with a central registration form. The form is titled "REGISTER NOW!" in bold capital letters. The input fields are populated with the following data: "Varsha Luthra" in the name field, "varshaluthra11@gmail.com" in the email field, "....." in the password field, "....." in the confirmation field, and "Admin" in the dropdown menu. Below the form is a pink button labeled "Register Now". At the bottom of the form area, there is a link "Already have an account? [Login Now](#)".

**Fig 9.2 Registration form testing (2)**

If admin has entered the correct details of the required fields and according to the specifications of registration form, then the details has been saved to the portal. In such case, Login form will be displayed.

#### A. If admin Name already registered:

register\_form

localhost/project/register\_page.php

HOME ABOUT US COURSES PRODUCTS CONTACT

REGISTER NOW!

Varsha Luthra

varshaluthra11@gmail.com

.....

.....

Admin

Register Now

Already have an account? [Login Now](#)

**Fig 9.3 Registration form testing (3)**

#### Admin Already Exists

register\_form

localhost/project/register\_page.php

HOME ABOUT US COURSES PRODUCTS CONTACT

REGISTER NOW!

Admin Already exists!

Enter your name

Enter your email

Enter your password

confirm your password

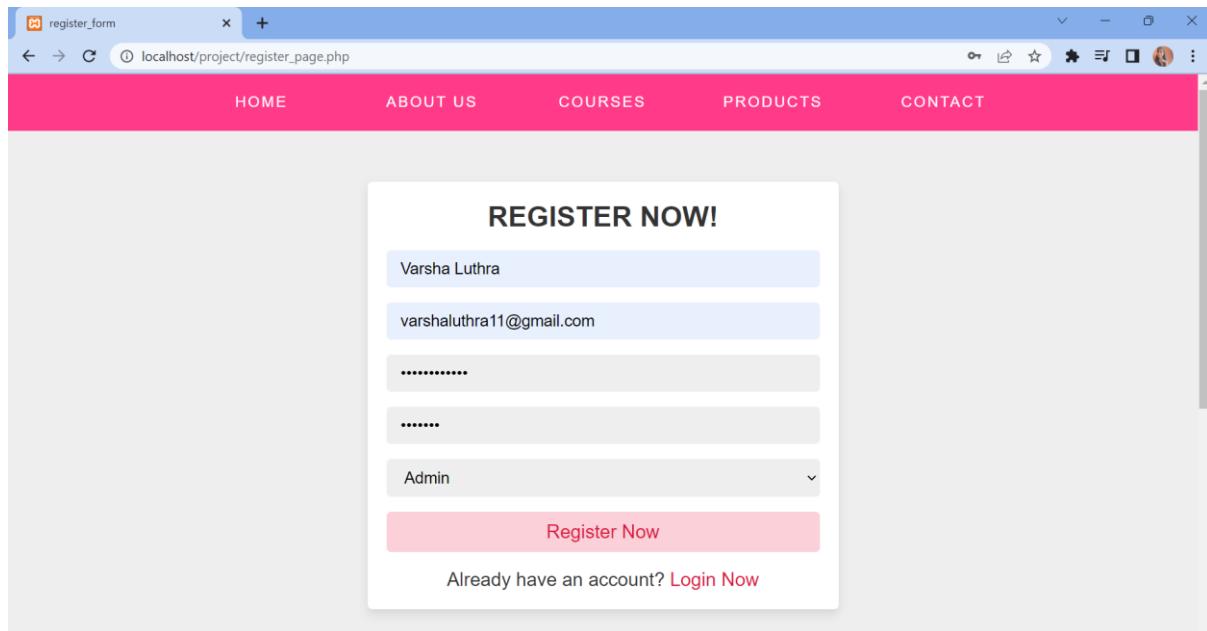
User

Register Now

Already have an account? [Login Now](#)

**Fig 9.4 Registration form testing (4)**

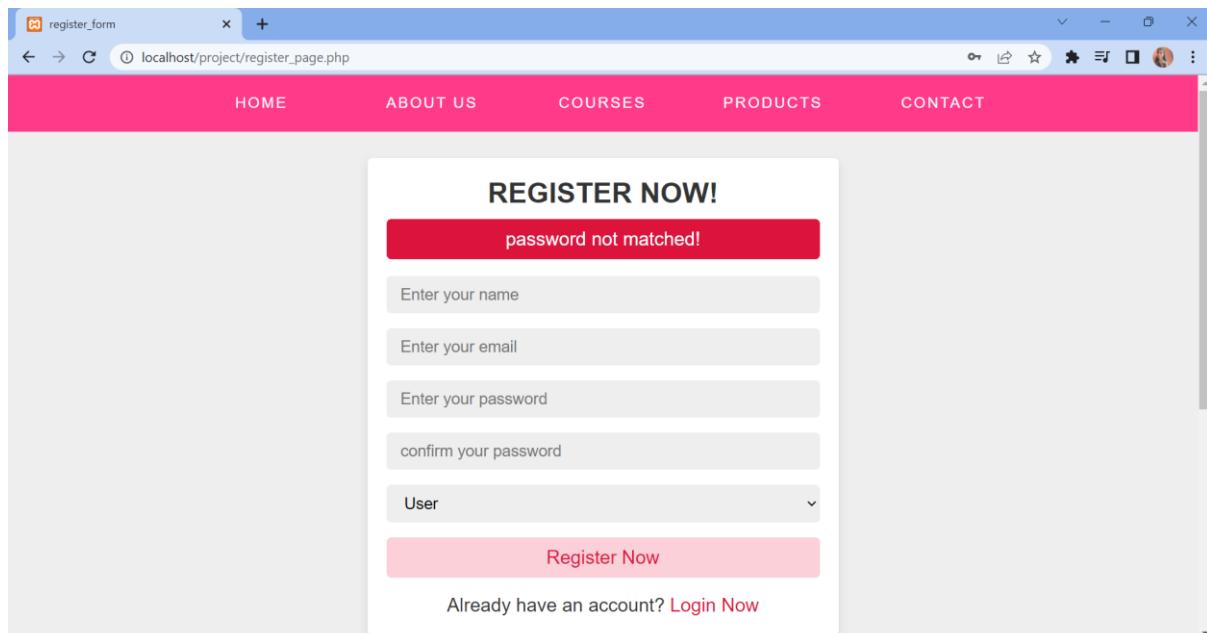
## B. If password does not match:



A screenshot of a web browser window titled "register\_form". The address bar shows "localhost/project/register\_page.php". The page has a pink header with navigation links: HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. Below the header is a "REGISTER NOW!" form. The form fields are: Name (Varsha Luthra), Email (varshaluthra11@gmail.com), Password (two masked entries), and User Type (Admin). A dropdown arrow is visible next to the Admin entry. At the bottom of the form is a pink "Register Now" button. Below the button is a link "Already have an account? Login Now".

**Fig 9.5 Registration form testing (5)**

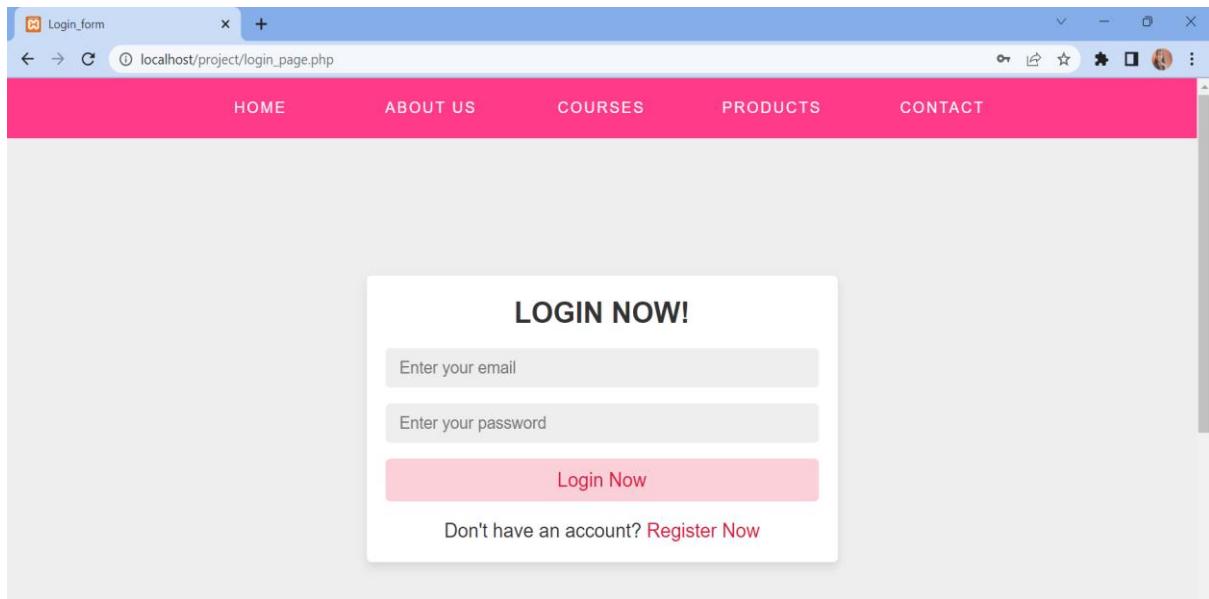
In this case, password does not match with confirm password:



A screenshot of a web browser window titled "register\_form". The address bar shows "localhost/project/register\_page.php". The page has a pink header with navigation links: HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. Below the header is a "REGISTER NOW!" form. The form fields are: Name (Varsha Luthra), Email (varshaluthra11@gmail.com), Password (one masked entry), Confirm Password (one masked entry), and User Type (User). A dropdown arrow is visible next to the User entry. Above the "User" dropdown, there is a red banner with the text "password not matched!". At the bottom of the form is a pink "Register Now" button. Below the button is a link "Already have an account? Login Now".

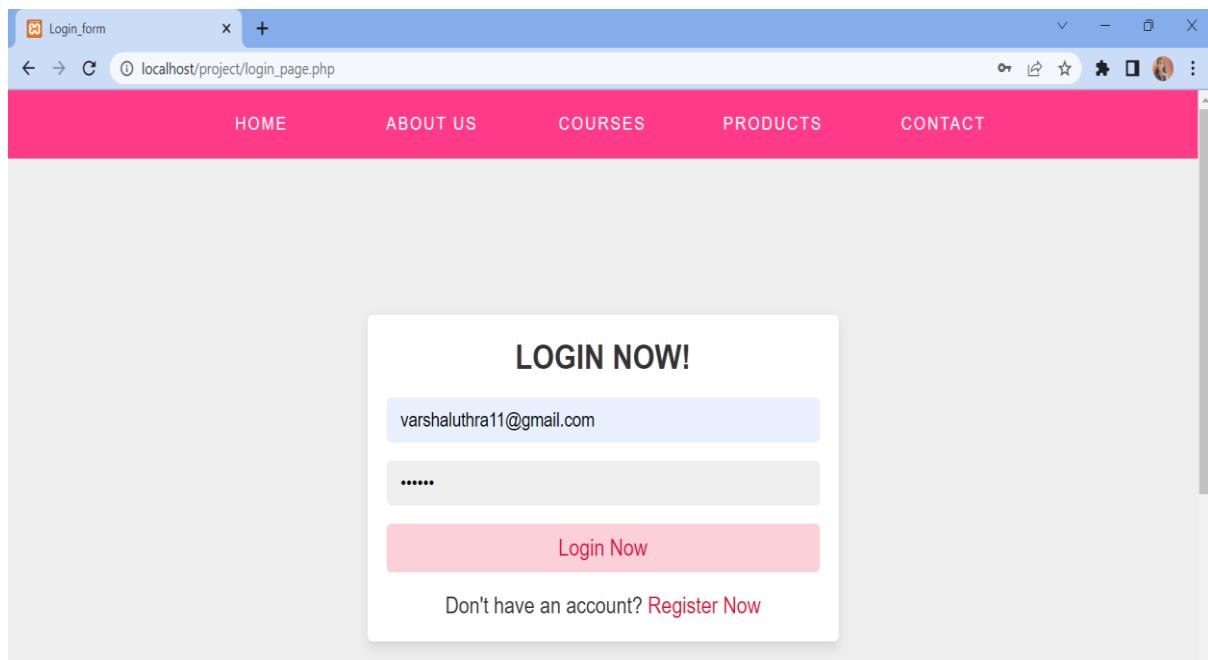
**Fig 9.6 Registration form testing (6)**

### **III. Login form (New Admin Registration):**



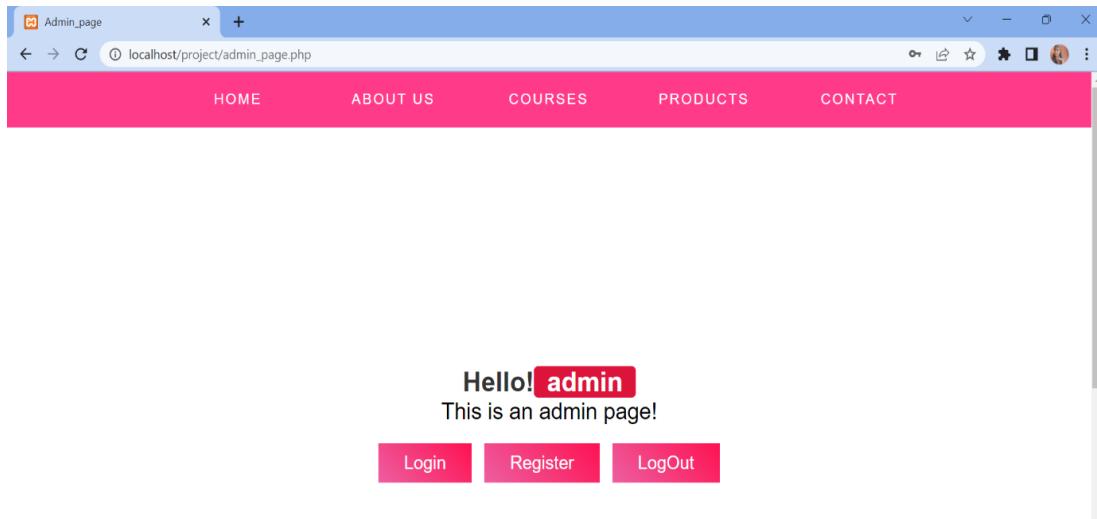
**Fig 9.7 Login form testing (1)**

Admin will fill the Login details as in sign-up form.



**Fig 9.8 Login form testing (2)**

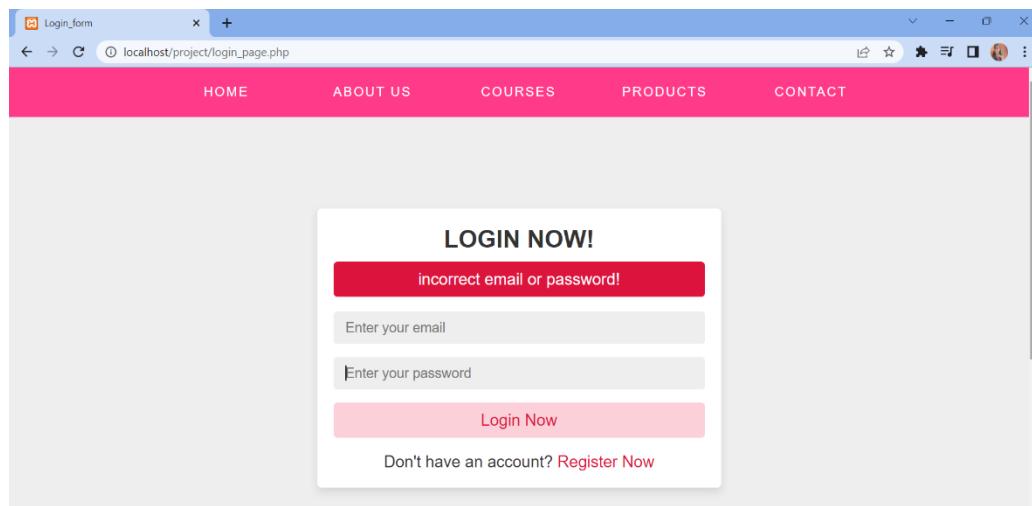
After successfully filling the login details of the login-form, admin will reach to the admin page.



**Fig 9.9 Login form testing (3)**

On clicking the LogOut button, the admin will be redirected to the Login page.

#### A. If email and password does not match:



**Fig 9.10 Login form testing (4)**

#### IV. Registration form (New User Registration): Registration Form: (for User)

The screenshot shows a web browser window with a pink header bar containing links for HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. The main content area has a white background with a central registration form. The form is titled "REGISTER NOW!" in bold capital letters. It contains five input fields: the first two are filled with "shweta" and "shweta@gmail.com" respectively, while the others are empty. Below these is a dropdown menu set to "User". At the bottom of the form is a red "Register Now" button. Below the button, a link says "Already have an account? [Login Now](#)". The browser's address bar shows "localhost/project/register\_page.php".

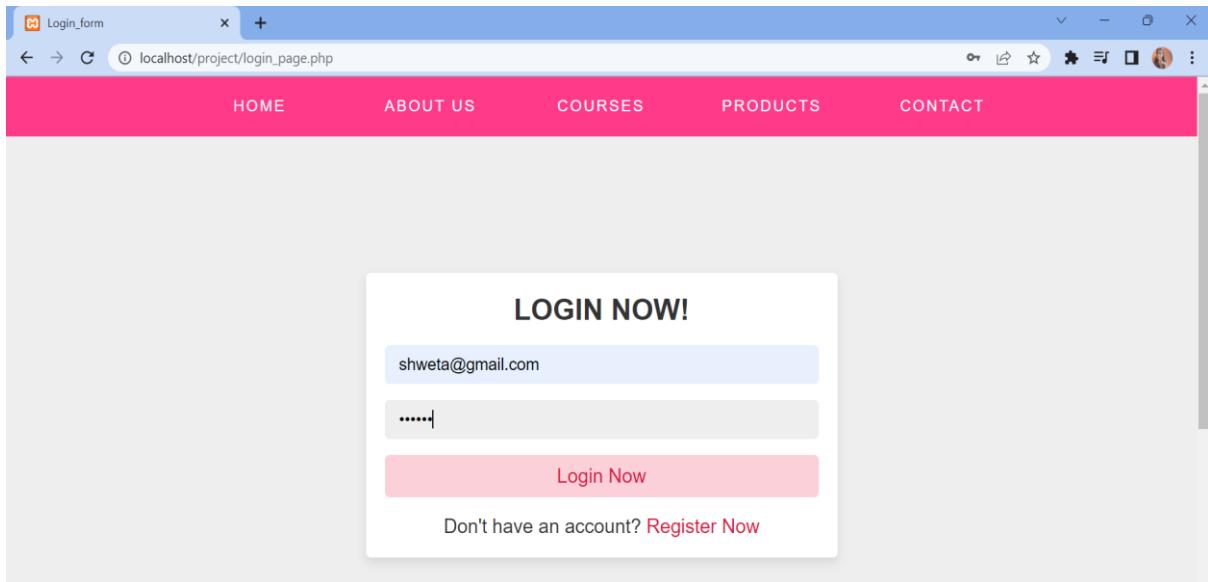
**Fig 9.11 New user Registration (1)**

If the User has entered the correct details of the required fields and according to the specifications of registration form, then the details has been saved to the back-end portal. In such case, Login form will be displayed.

The screenshot shows a web browser window with a pink header bar containing links for HOME, ABOUT US, COURSES, and PRODUCTS. The main content area has a white background with a central login form. The form is titled "LOGIN NOW!" in bold capital letters. It contains two input fields: "Enter your email" and "Enter your password", followed by a red "Login Now" button. Below the button, a link says "Don't have an account? [Register Now](#)". A small dialog box from Google Chrome is overlaid on the right side of the form, asking if the user wants to "Save password?". It shows the username "shweta@gmail.com" and the password ".....". There are "Save" and "Never" buttons, and a note at the bottom about using saved passwords on any device.

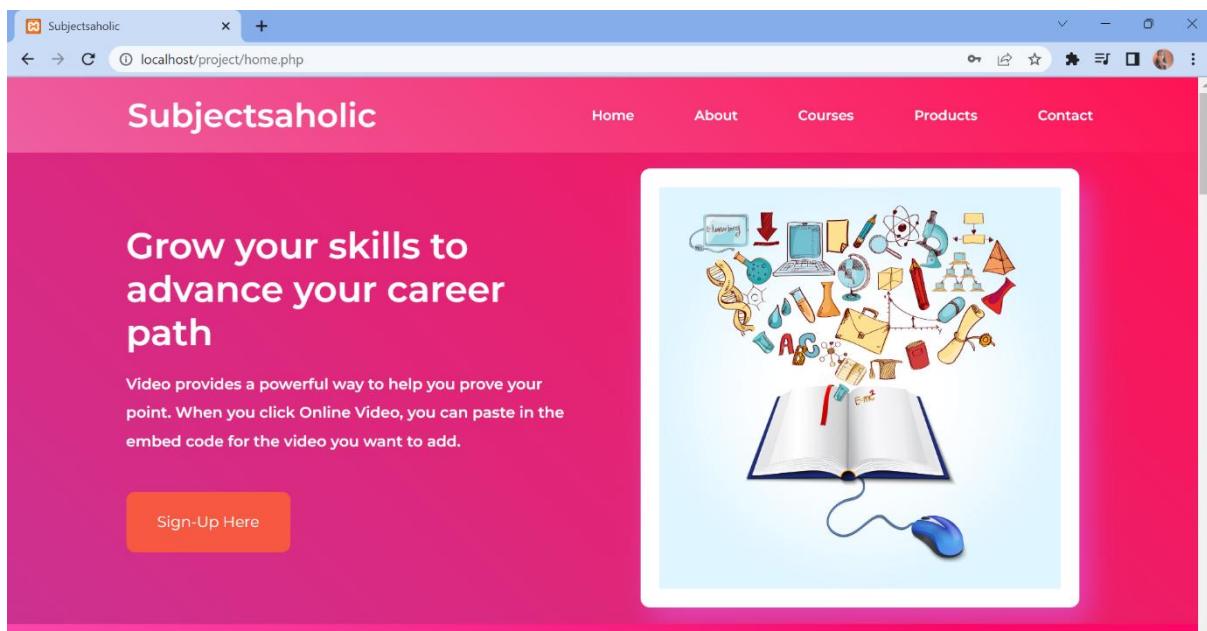
**Fig 9.12 New user Registration (2)**

## Login form (New user):



**Fig 9.13 New user Registration (3)**

After successfully login, user will be redirected to our website.



**Fig 9.14 New user Registration (4)**

## I. If any of the detail is wrong

A screenshot of a web browser window titled "register\_form". The URL is "localhost/project/register\_page.php". The page has a pink header with navigation links: HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. Below the header is a white registration form with the title "REGISTER NOW!". The form fields are as follows:

- First Name: vinay
- Email: vinay01@gmail.com
- Password: ..... (two dots)
- Confirm Password: ..... (two dots)
- User Type: User
- Register Now button (pink background)

Below the form, there is a link: "Already have an account? [Login Now](#)".

**Fig 9.15 filling Wrong details (1)**

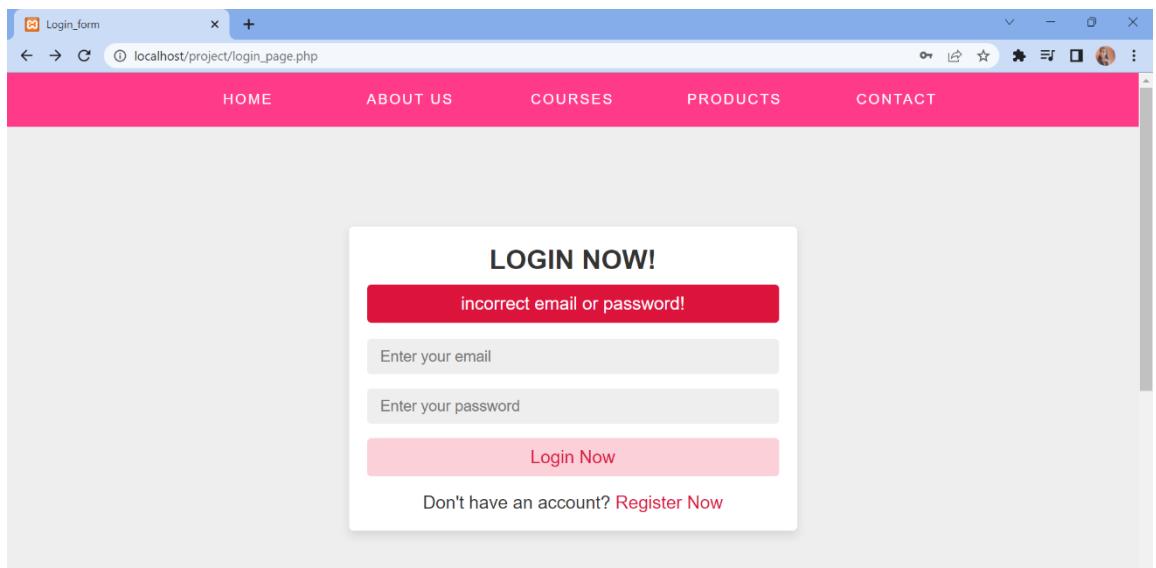
Email id does not match with the registered email id.

A screenshot of a web browser window titled "Login\_form". The URL is "localhost/project/login\_page.php". The page has a pink header with navigation links: HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. Below the header is a white login form with the title "LOGIN NOW!". The form fields are as follows:

- Email: vinay0@gmail.com
- Password: ..... (two dots)
- Login Now button (pink background)

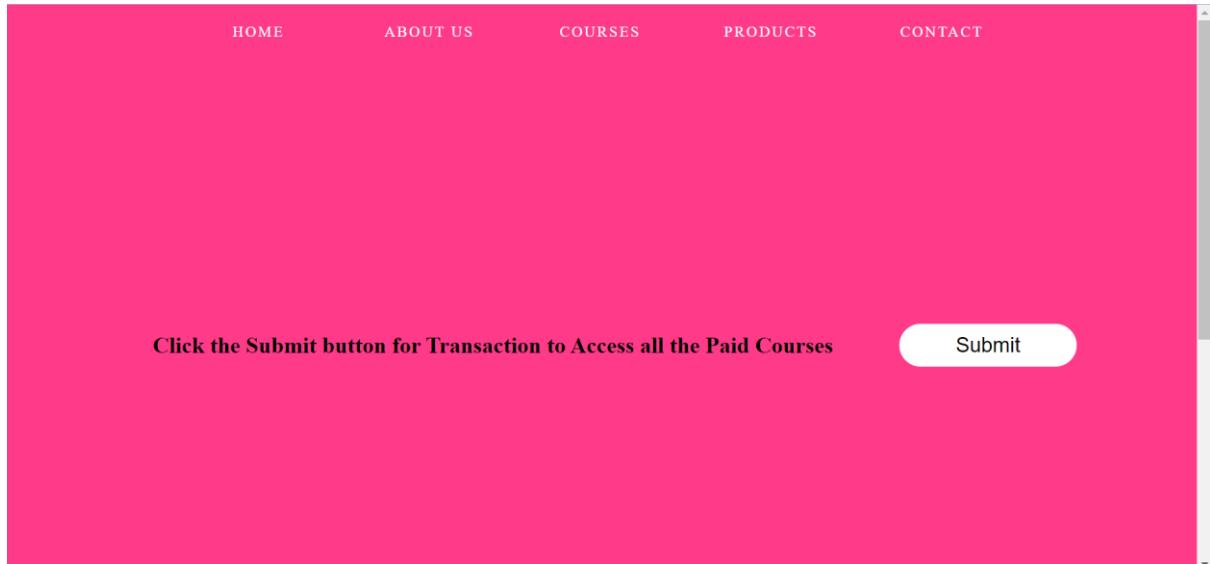
Below the form, there is a link: "Don't have an account? [Register Now](#)".

**Fig 9.16 filling Wrong details (2)**

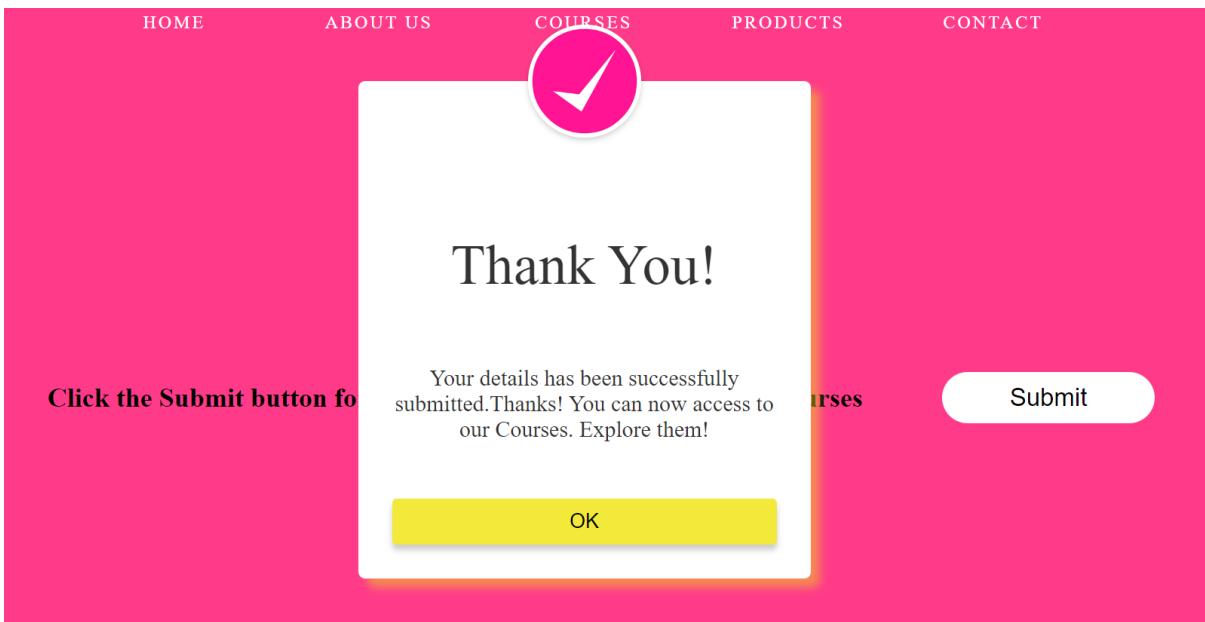


**Fig 9.17 filling Wrong details (3)**

**II. If all of the details matched:**



**Fig 9.18 Transaction page**



**Fig 9.20 Pop-up box**

If all the details are correct, then it will show us the pop-up dialog as shown above. On clicking the “OK” button, the webpage redirects us to another web page – **Courses Section** of the website

## **Unit test plan for registration screen:**

**Description: Registration Page**

**Number of Test Cases: 7**

S.No.	Test Case	Input	Expected Result	Output	Remarks
1.	Blank user name	Blank	Please fill in this field	Please fill in this field	Working
2.	Blank email	Blank	Please fill in this field	Please fill in this field	Working
3.	Blank password	Blank	Please fill in this field	Please fill in this field	Working
4.	Wrong user name	Wrong username	Accepted	Login page	Working
5.	Wrong Confirm password	Wrong password	Password not matched	Register page	Working
6.	Register now	Username, email and password	Login page	Login page	Working
7.	Username	Admin already exists!	Register page	Register page	working

**Table 9.2 Unit test plan for registration page**

The above table explains the overall test cases done registration form. Its main purpose is to perform verification process. Through verification, the checking of each and every web page of the website and check whether running successfully working or not.

### **Unit test plan for Login screen:**

**Description: Login Page**

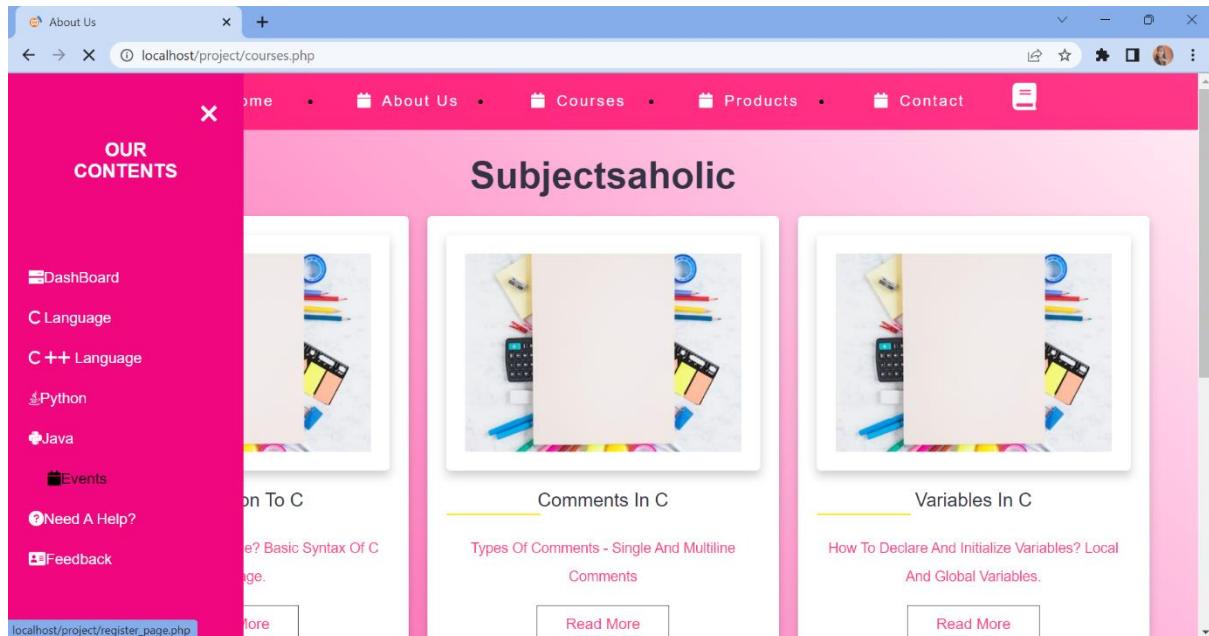
**Number of Test Cases: 4**

S.No.	Test Case	Input	Expected Result	Output	Remarks
1.	Blank user name	Blank	Please fill in this field	Please fill in this field	Working
2.	Blank password	Blank	Please fill in this field	Please fill in this field	Working
3.	Wrong user name	Wrong username	User name does not match	Error	Not Working
4.	Login now	Username and password	admin page	admin page	Working

**Table 9.3 Unit test plan for Login Page**

The above table explains the overall test cases done Login form. Its main purpose is to perform verification process. Through verification, the checking of each and every web page of the website and check whether running successfully working or not.

## Unit test cases for Courses page [on exploring the courses]



**Fig 9.21 Courses testing (1)**

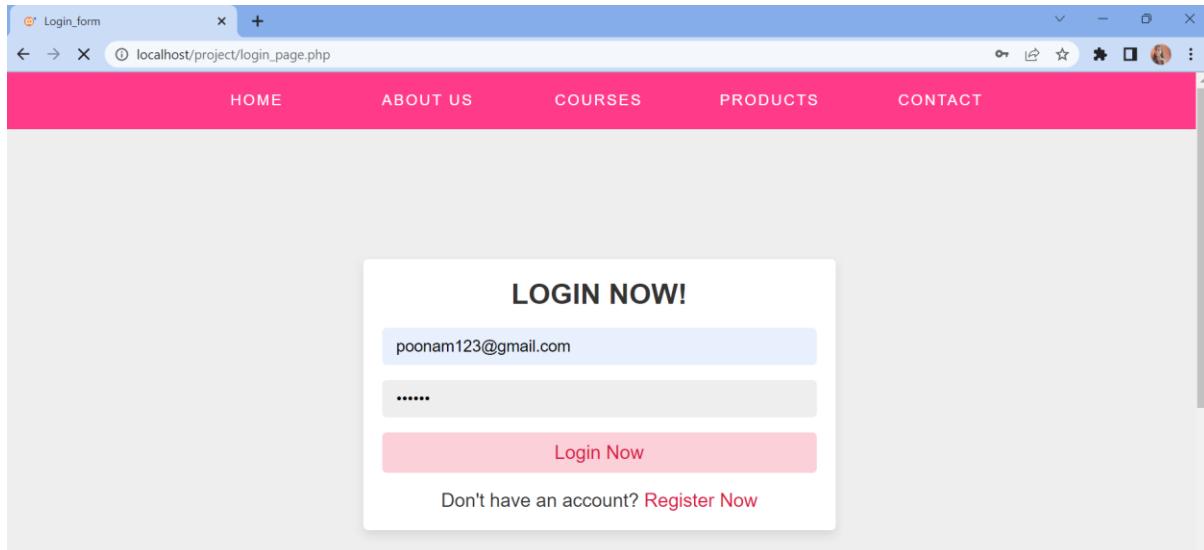
## Registration form:

A screenshot of a web browser window. The title bar says 'register\_form' and the address bar shows 'localhost/project/register\_page.php'. The main content area has a pink header with navigation links for HOME, ABOUT US, COURSES, PRODUCTS, and CONTACT. Below the header is a registration form with a pink header 'REGISTER NOW!'. It has input fields for Name ('poonam'), Email ('poonam123@gmail.com'), and two password fields ('.....'). There is also a dropdown menu for Role ('User') and a pink 'Register Now' button. At the bottom of the form is a link 'Already have an account? Login Now'.

**Fig 9.22 Courses testing (2)**

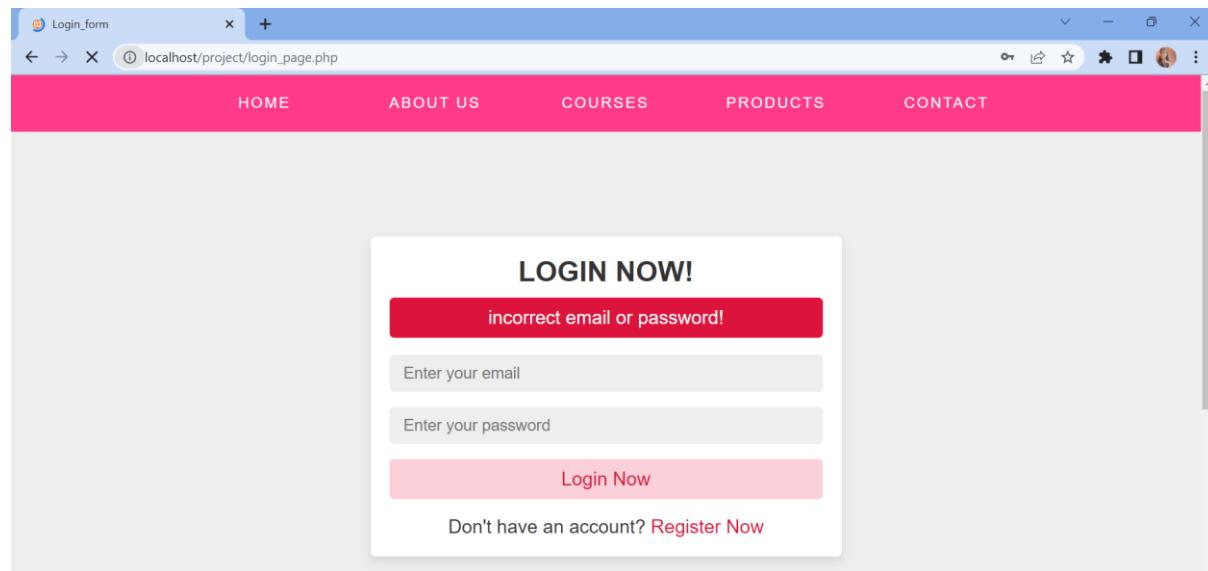
Registration has been done successfully.

## If the entered details are not correct in Login form:



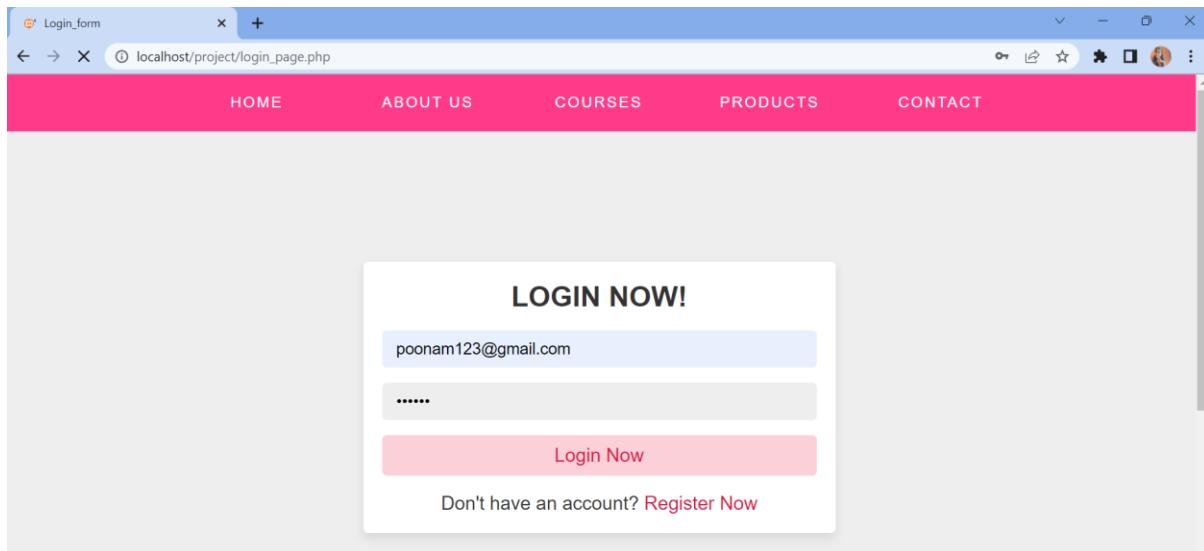
**Fig 9.23 Courses testing (3)**

if the login details not correct, then form will show an error of “incorrect email or password”.



**Fig 9.24 Courses testing (4)**

**If the entered details are correct in Login form:**



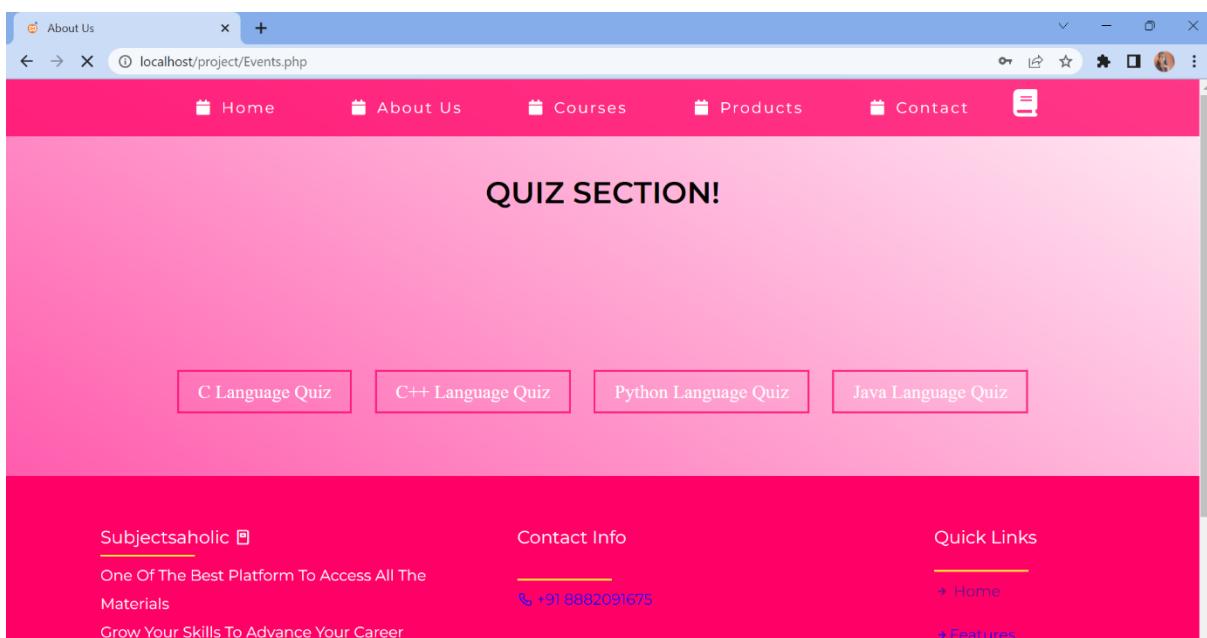
**Fig 9.25 Courses testing (5)**

**The logged-in details are saved at the admin page:**

A screenshot of the phpMyAdmin interface. The left sidebar shows databases like 'information\_schema', 'mysql', 'performance\_schema', 'phpmyadmin', 'responsiveform', 'test', 'user\_db', and 'wordpress'. The 'user\_db' database is selected. In the center, the 'user\_form' table is displayed with 14 rows of data. The columns are 'id', 'name', 'email', 'password', and 'user\_type'. The data includes various user entries such as 'kashish', 'shweta', 'Varsha Luthra', 'vinay', '1234', 'abhishek', 'shikha123', 'shikha123', 'poonam', and their corresponding emails and hashed passwords. At the bottom of the table, there are buttons for 'Check all', 'With selected:', 'Edit', 'Copy', 'Delete', and 'Export'.

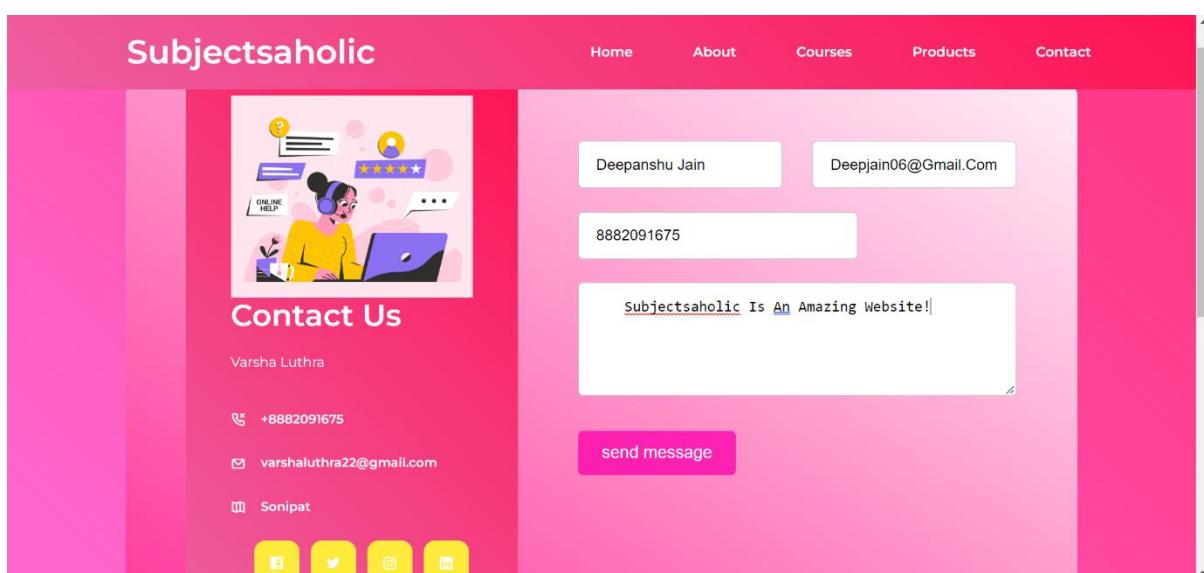
**Fig 9.26 Saved details**

If the login-details are correct at the course section, then the user can explore more about Events webpage and user has the access to quiz and examine himself.



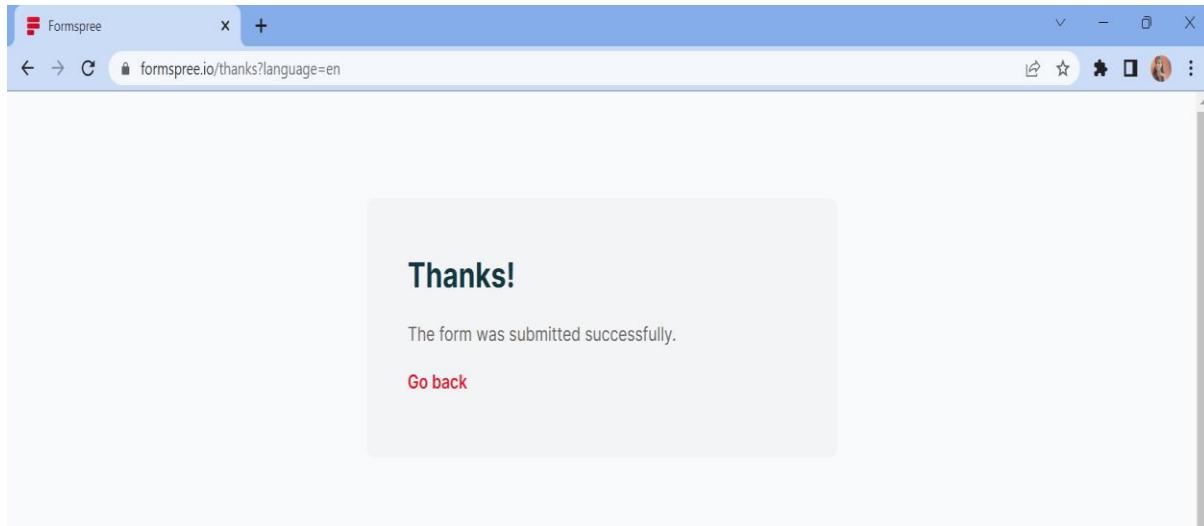
**Fig 9.27 Quiz section**

### **Test Cases for Contact Page:**



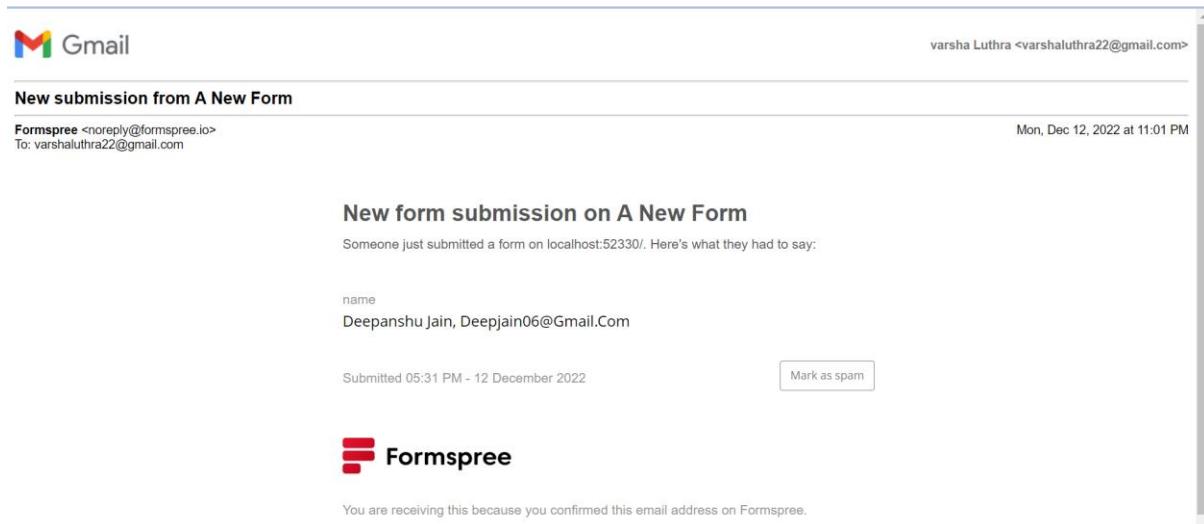
**Fig 9.28 Contact section**

## When user enters all details correctly:



**Fig 9.29 thanks page**

## Admin receives that mail:



**Fig 9.30 email received**

## **Unit test plan for Contact Page:**

**Description: Contact Page**

**Number of Test Cases: 4**

S.No.	Test Case	Input	Expected Result	Output	Remarks
1.	Blank user name	Blank	Please fill in this field	Please fill in this field	Working
2.	Blank password	Blank	Please fill in this field	Please fill in this field	Working
3.	Wrong user name	Wrong username	accepted	submitted	Working
4.	User name	Username and password	Submitted	Submitted	Working
5.	Password	Username and password	Submitted	Submitted	Working

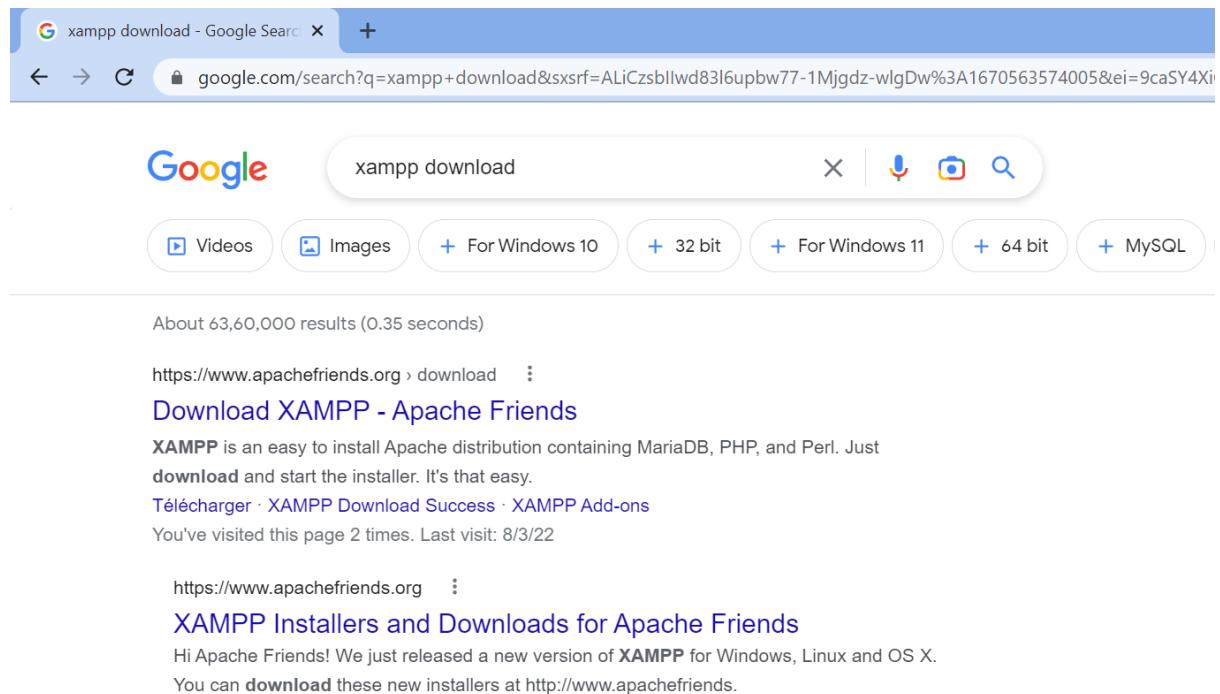
**Table 9.4 Unit test plan for Contact Page**

The above table explains the overall test cases done Contact form. Its main purpose is to perform verification process. Through verification, the checking of each and every mail is sending successfully by user and receiving by the admin through FormSpree API.

## Chapter 10

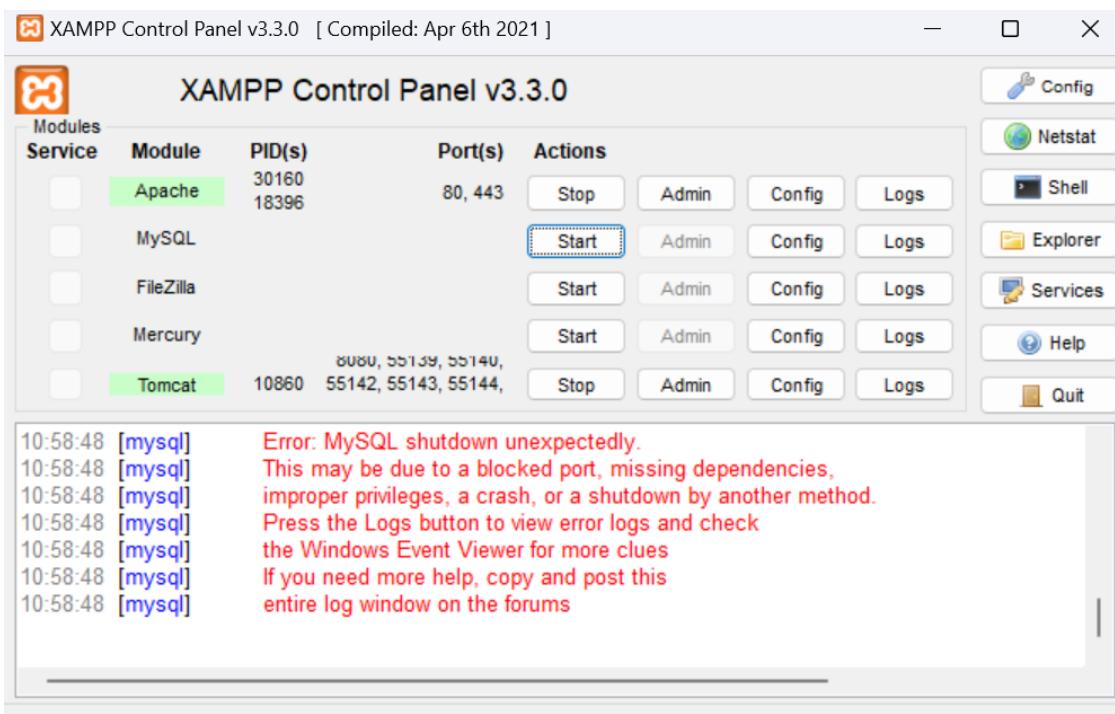
### SYSTEM IMPLEMENTATION

## 1. Install XAMPP in your system.



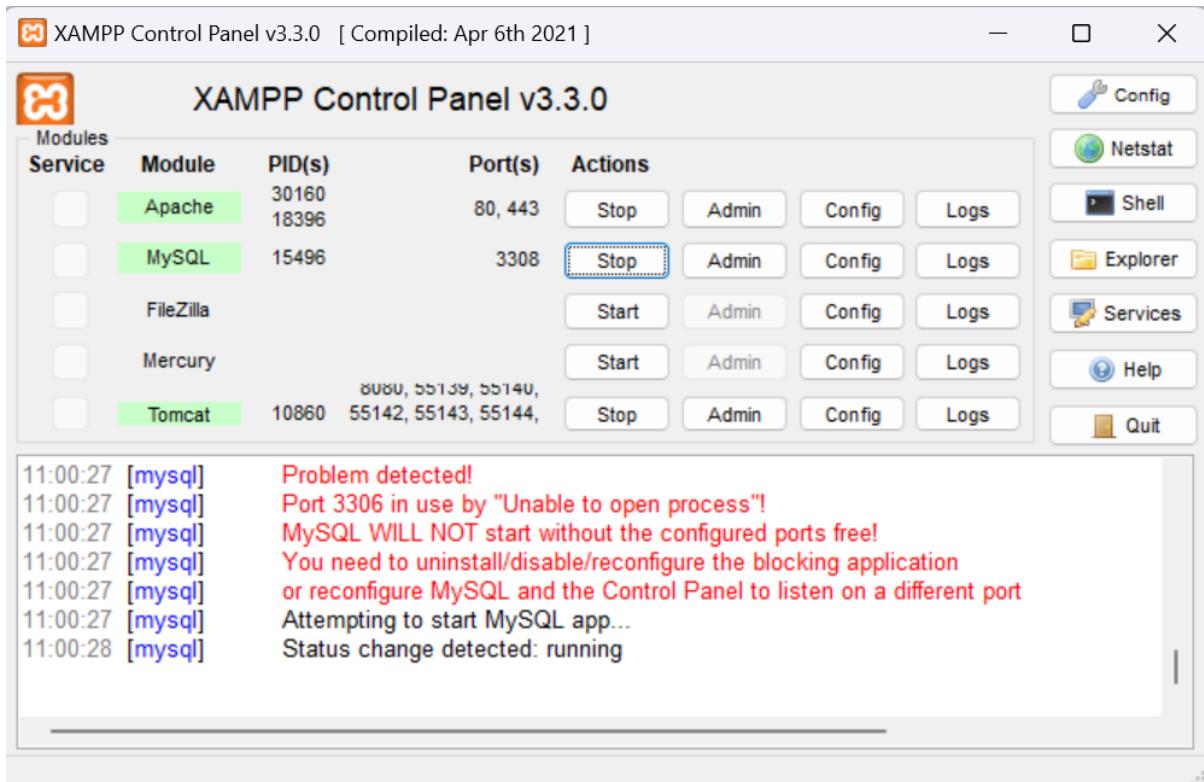
**Fig 10.1 google chrome**

## 2. Start XAMPP server on your device.



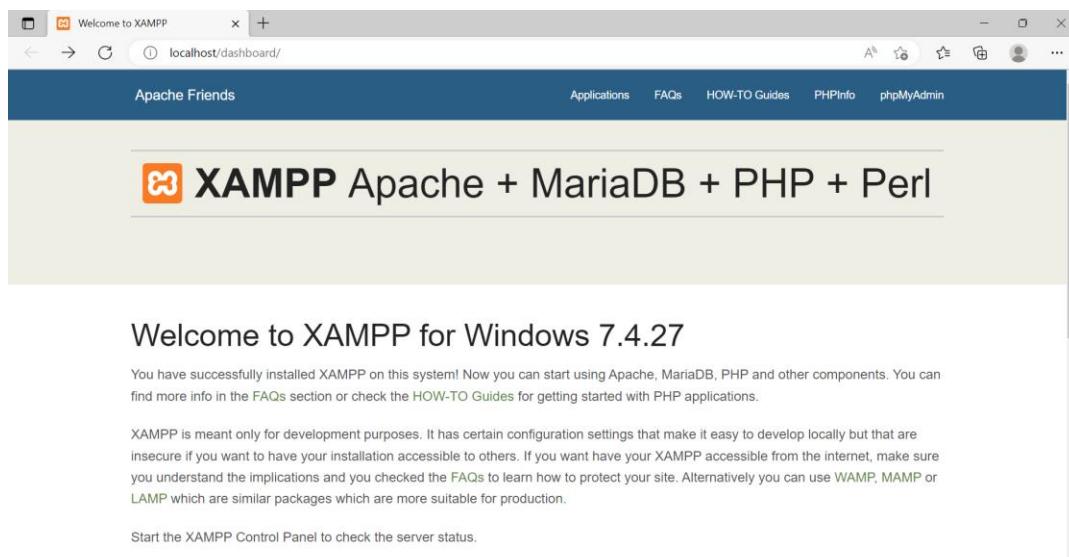
**Fig 10.2 XAMPP Server**

### 3. Start SQL in your XAMPP server.



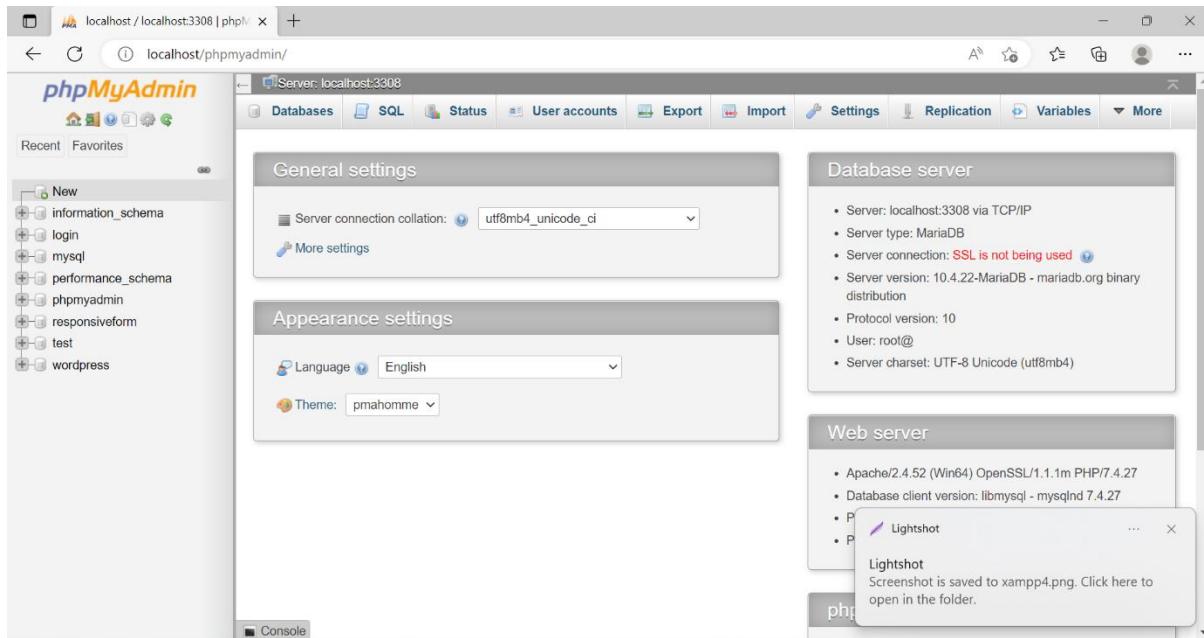
**Fig 10.3 Starting SQL services**

### 4. open any browser in your system.



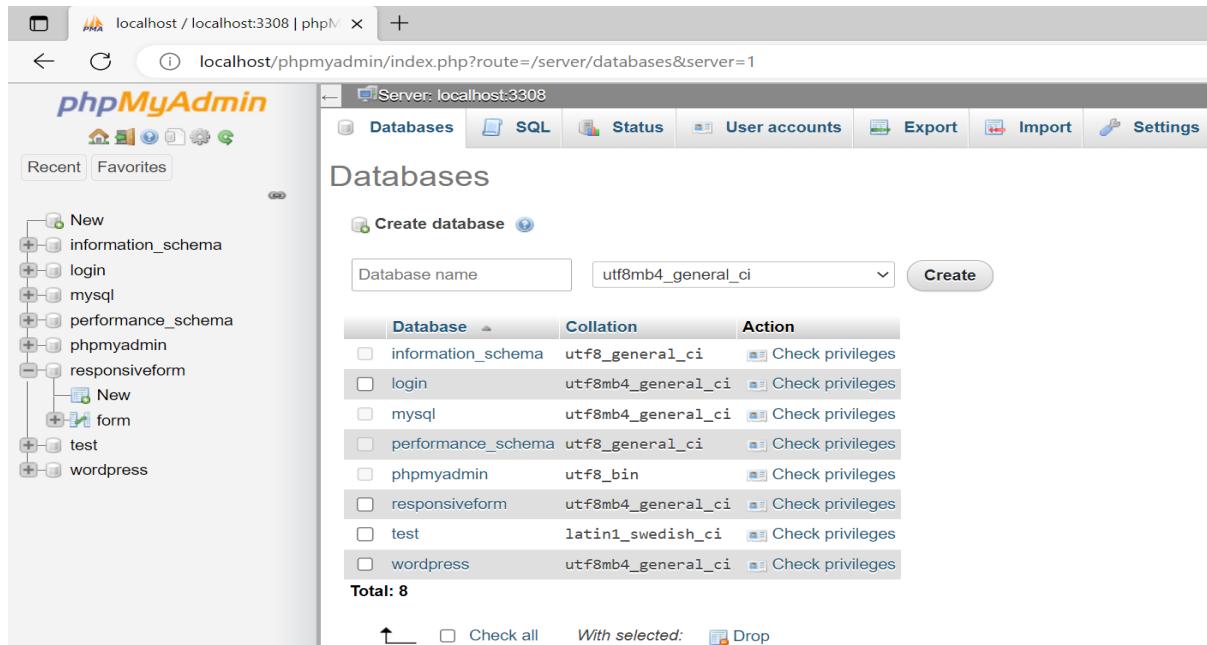
**Fig 10.4 localhost/dashboard**

## 5. Search for PhpMyAdmin in search bar.



**Fig 10.5 phpMyAdmin**

## 7. Create a database. Our website is on the database: responsiveform



Note: Place your project folder in XAMPP/htdocs folder.

**Fig 10.6 phpMyAdmin**

## 8. Create a login-form: mysql table structure

The screenshot shows the phpMyAdmin interface with the following details:

- Server:** localhost:3308
- Database:** responsiveform
- Table:** form
- Table structure:** The table has 7 columns:
  - 1 fname (varchar(25), utf8mb4\_general\_ci, No, None)
  - 2 lname (varchar(25), utf8mb4\_general\_ci, No, None)
  - 3 password (varchar(30), utf8mb4\_general\_ci, No, None)
  - 4 cpassword (varchar(30), utf8mb4\_general\_ci, No, None)
  - 5 email (varchar(40), utf8mb4\_general\_ci, No, None)
  - 6 phone (varchar(10), utf8mb4\_general\_ci, No, None)
  - 7 address (varchar(50), utf8mb4\_general\_ci, No, None)
- Action Bar:** Includes links for Browse, Structure, SQL, Search, Insert, Export, Import, Privileges, Operations, Tracking, and More.
- Buttons:** Add, Check all, With selected:, Browse, Change, Drop, Primary, Unique, Index, Spatial, Fulltext.
- Indexes:** A section for managing indexes with columns for Keyname, Type, Unique, Packed, Column, Cardinality, Collation, Null, and Comment.

**Fig 10.7 mysql database**

## Database (MYSQL)

### Creating database user\_db

- Use user\_db

Create table user\_form (id int(255) auto\_increment, name varchar(255) NOT NULL(25), email varchar(255) NOT NULL PRIMARY KEY, password varchar NOT NULL (255), Cpassword varchar NOT NULL (255), User\_type varchar NOT NULL (255));

**Chapter 11**

**RESULTS AND DISCUSSIONS**

## **Advantages**

- Easy to use interface to carry out your work.
- You can visit more than one webpage or source at one time by opening multiple windows.
- The information or contents are available to be accessed by user anytime and anywhere.
- The website owner/creator does not need to be present when user is retrieving any information from the website.
- The product section will be shown always be updated to always provide the latest items.
- The information within the website can be quickly accessible. There is no need to be shift to several other webpages. All the buttons and links easily accessible and understandable.
- User can easily Add-To-Cart their favorite stationary product item, increase the no. of products and can check their amount.
- Once the Order Now button is clicked, all the Add-To-Cart product items will be ordered.
- Anyone can visit the sites as much time as needed.
- As this is an Educational Website, so no need to worry about carrying hard copy of information with you i.e., No heavy book.
- Easy to fill-up the login and sign-up page.

## **Limitations**

- An internet connection to the website is needed to access the information, which is impossible if a computer device or internet connections are not available.
- You require the owner of the website for the modifications in the interface or workflow of the system.
- In case of forget password or password loss, you may not be able to get the further courses section contents or information.
- Website may be difficult to use if experience with the internet is limited.
- It is not published or authorized by a reputable source; the website may be disregarded as inaccurate.

**Chapter 12**  
**CONCLUSION**

The project will deliberately fulfil the requirements of today's scenario of e-learning websites. As demands of people specially students increase regarding online education because now, they can learn anytime and from anywhere. It helps them to establish their interest in a specific field.

Website provides free as well as paid courses for those who really want to learn something new and can find "how much they know" through our quiz contests as well as skills progress bar. No doubt it offers a great opportunity to the upcoming generations. People can purchase their stationary products as it provides them a secure transaction system online with education.

## **Chapter 13**

## **FUTURE SCOPE**

In today scenario, the market is filled with various educational and e-commerce websites. There are so many innovative products and services offered by the websites. This makes customers to choose from the better or best one. Online teaching as well as learning are now becoming part of everyone's life. This makes a huge impact on everyone's life after the pandemic.

The purpose of the project is to give right to education to everyone. From the last few years, the online teaching platforms as well as e-commerce industry increases tremendously in India. It's an advantage of the industry as well as of customers. There is large scope for educational and online businesses in the future if the point of views understood properly.

**Chapter 14**

**BIBLIOGRAPHY AND REFERENCES**

Site for references:

- <https://www.google.com/>
- <https://www.w3schools.com/>
- <https://www.tutorialspoint.com/index.htm>