



**SDJ INTERNATIONAL
COLLEGE**

Bachelor of Computer Applications (BCA) Programme

Project Report

BCA Sem VI
AY 2022-23

Online Courses Platform

By

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Project Guide by:
Prof. Jaimini Patel

Acknowledgement

The success and final outcome of this project required a lot of guidance and assistance from many people and we are extremely fortunate to have got this all along the completion of our project work. Whatever we have done is only due to such guidance and assistance.

We would not forget to thank I/C Principal Dr. Aditi Bhatt, Head of Department Dr. Vaibhav Desai and Project guide Prof. Jaimini Patel, and all other Assistant professors of SDJ International College, who took keen interest on our project work and guided us all along, till the completion of our project work by providing all the necessary information for developing a good system.

We are extremely grateful to her for providing such a nice support and guidance though she/he had busy schedule managing the college dealings.

We are thankful and fortunate enough to get support and guidance from all Teaching staffs of Bachelor of Computer Application Department which helped us in successfully completing our project work. Also, we would like to extend our sincere regards to all the non-teaching staff of Bachelor of Computer Application Department for their timely support.

Vora Aryan Prafulkumar (3237)

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Prajapati Darshil Tejalkumar (3167)

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1. Introduction

An online course platform is a digital platform that provides access to educational content and courses over the internet. These platforms offer a variety of courses ranging from coding fundamentals and web development and other specialized topics.

Online course platforms provide learners with the flexibility to learn at their own pace and on their own schedule. They often use a combination of videos, interactive exercises, quizzes, and other multimedia elements to deliver their content. Many platforms also provide learners with the ability to interact with instructors and other students.

Some popular examples of online course platforms include Udemy, Coursera, and LinkedIn. These platforms typically offer both free and paid courses, with some also offering certifications or degrees upon completion of certain programs.

Learning has never been easier thanks to our Online Course Platform! All you have to do is register and you can learn from any device, wherever you are. Our education business provides you with the resources you need to get ahead and stay ahead of the game.

Take control of your education journey and evaluate yourself with our comprehensive online course platform! We offer tests that help you accurately assess your progress and learn effectively in a comfortable environment.

Our Education Online Course Platform is convenient, accessible, and full of content and features to help you reach your goals – all while letting you learn when it's most convenient for you. With our platform, you can learn at any time – anytime that works for you.

1.1 Project Summary

Online Course Platform is a fast and efficient way of providing and sharing knowledge with learners in different parts of the world. It is defined as the following: "Online Course Platform uses the internet or other digital content for learning and education activities, that takes full advantage of modern educational technology to provide a new mechanism for communication and learning environment rich in resources to achieve a new way of learning."

The most possible and most current distance learning is currently based on the Internet. For this, the term Online Course Platform is increasingly used to include any open and distance learning using information and communication technologies. We adopt this term as moreover in the rest of this book.

Our Online Course Platform offers you a wide range of structured curriculums to choose from. Whether you're interested in coding, design or marketing, we've got you covered! With our user-friendly interface and expert instructors, you can master new skills and advance your career in no time. Join us today and start your learning journey!

Our Online Course Platform where learning and growing becomes an effortless and pleasant experience! With our video tutorials, we provide a perfect opportunity for you to enhance your knowledge and improve your skills. You can choose from a variety of subjects and explore them at your own pace. Our platform is designed to make it easy for you to pick up new skills, balance your learning with your busy life, and achieve your goals. And, whenever you need assistance, our friendly support team is always here to help you out. So, why not begin your learning journey with us today? Let the adventure begin!

1.2 Project Technical Profile

Project Title	Online Course Platform
Definition	Online Course Platform is an E-learning Platform which allows students to directly use services from a web-browser using the internet.
Developed For	SDJ International College, Vesu, Surat
Project Guide(s)	Prof. Jaimini Patel
Front End	HTML, CSS, JavaScript
Scripting language	PHP, JAVASCRIPT
Back End	MySQL, XAMPP SERVER
Operating System	Microsoft Windows 11

Designing Tools	Bootstrap, Javascript, CSS
Diagram Tools	Draw.io, MS PAINT

2. Scope & Planning

2.1 Requirement Analysis

To develop any web application system, it is most important to identify the user requirement in very specific manner. Also, to function properly all interfaces of proposed system with surrounding system must be identified. The correct system is that which satisfied all users requirement. Therefore, it is very important to analyze the existing system and to document the software requirement specification for proposed system which in turn provides the base for development of the proposed system.

Our project guide conducted a series of lectures to impart us the required knowledge about the system. During the lectures, we also had question and answer session at the end, which helped us to have a clear idea about the Expected system.

2.2 Technology Details

Hardware Requirement:

Processor	Intel Core i3 /AMD Ryzen 3
RAM	4 GB
HDD	256 GB
SSD	256 GB

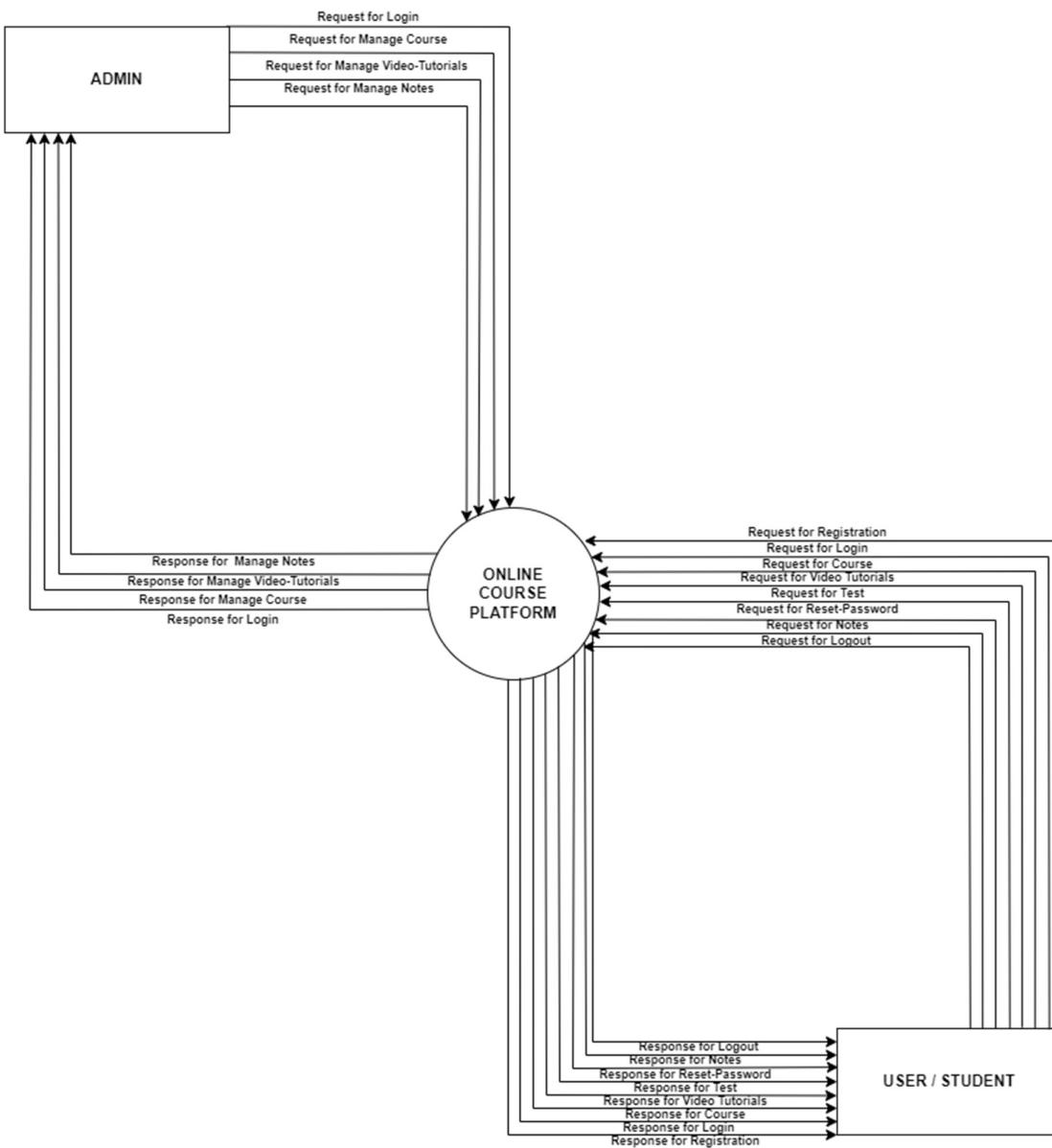
Software Used for Application Implementation:

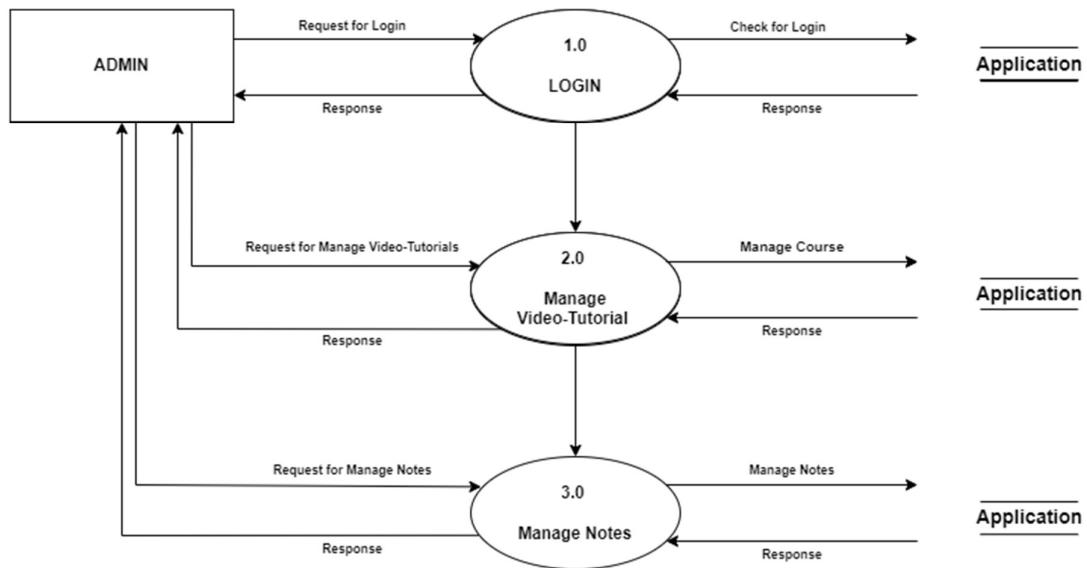
Operating System	Windows 10/11
Front End	Html, CSS, JavaScript
Code Behind	PHP
Back End	MySQL
Other Framework and tools	Bootstrap, Draw.io

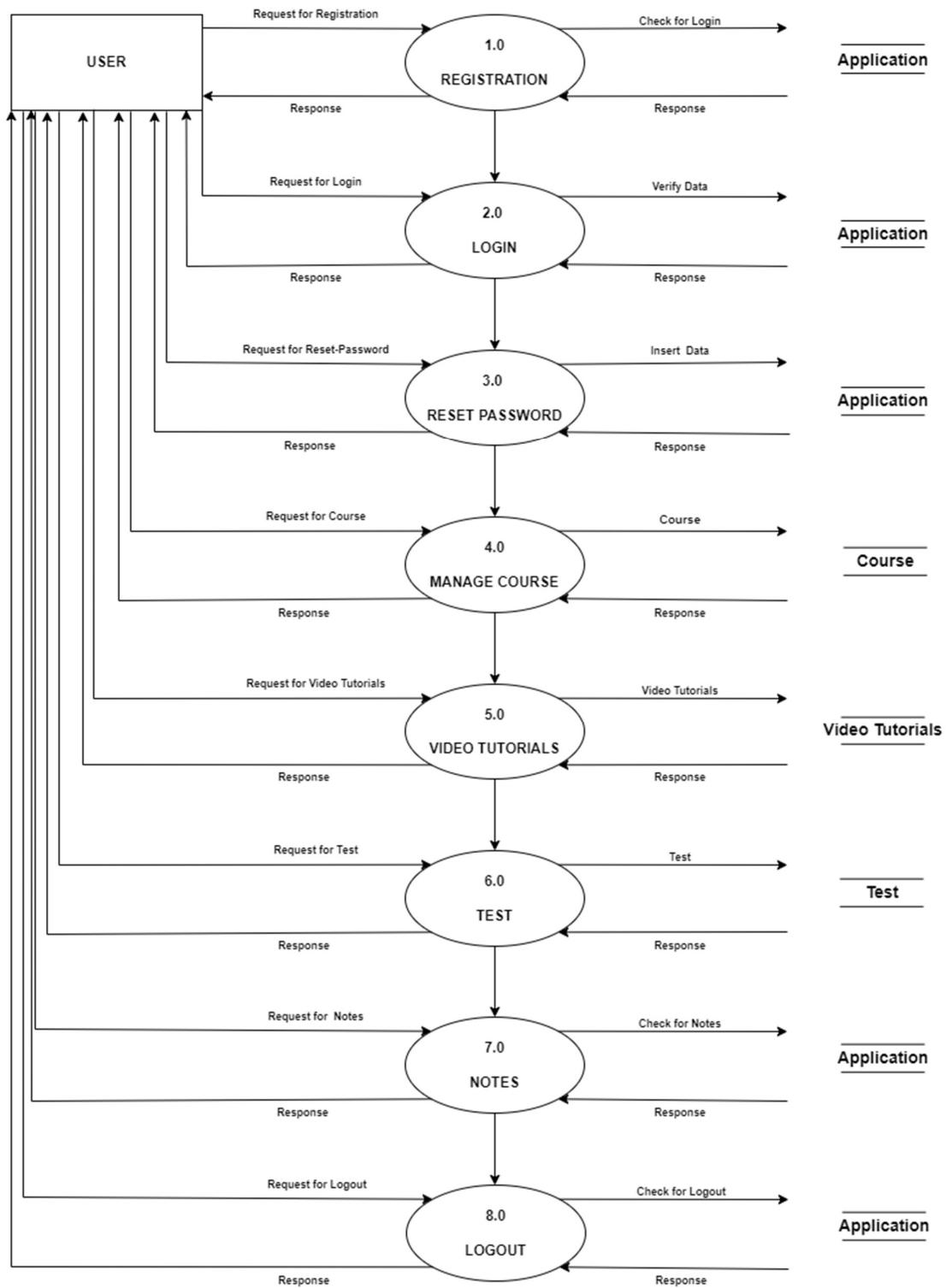
3. Designing

3.1 Data Flow Diagram

CONTEXT LEVEL (DFD)



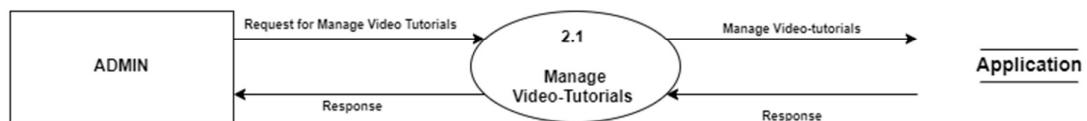
1st level DFD Admin side


1st level DFD User side


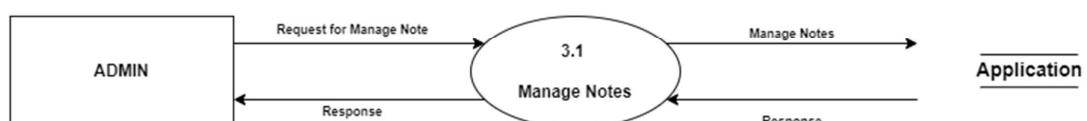
2nd level DFD Admin side (Login)



2nd level DFD Admin side (Manage Video-tutorials)



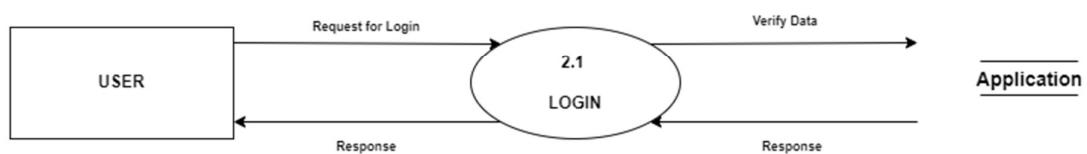
2nd level DFD Admin side (Manage Notes)



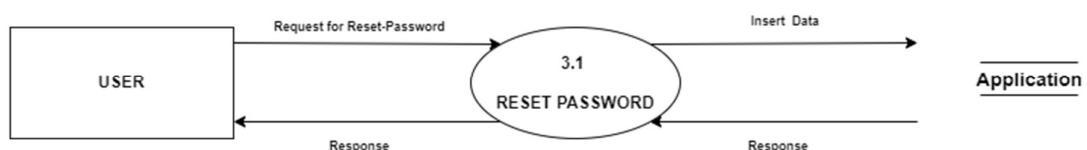
2nd level DFD User side (Registration)

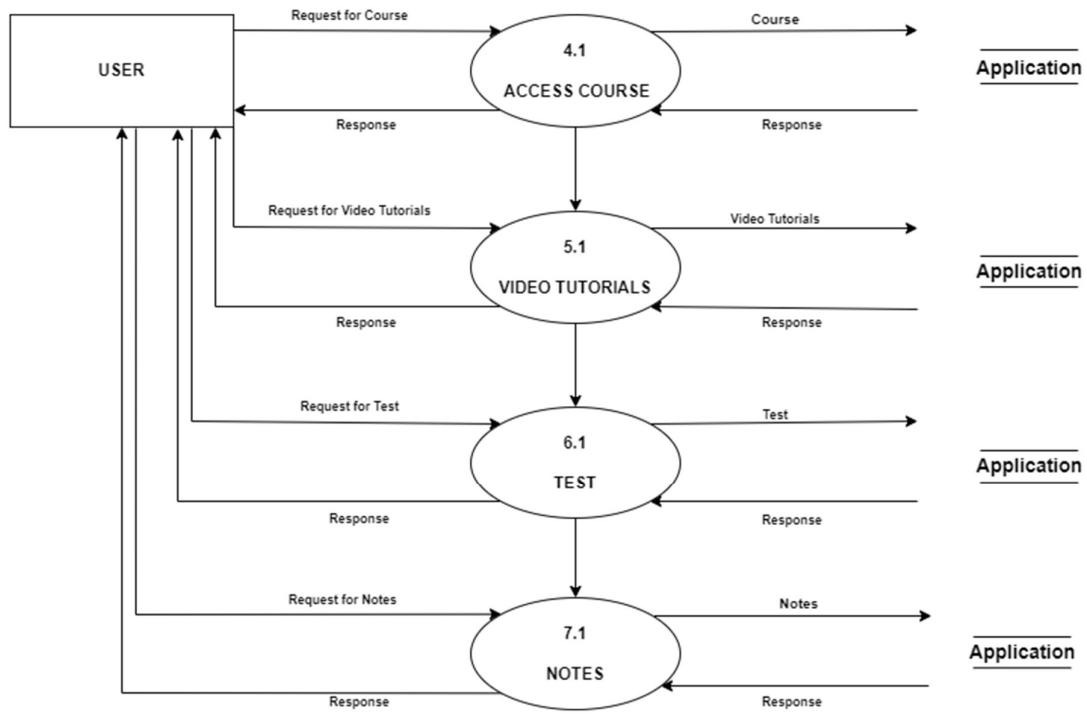


2nd level DFD User side (Login)

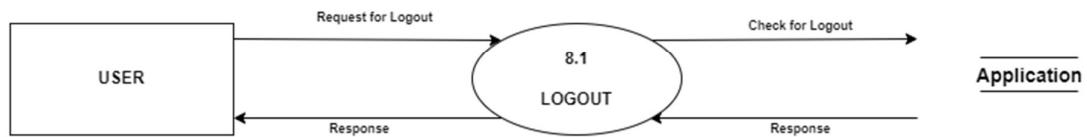


2nd level DFD User side (Reset Password)



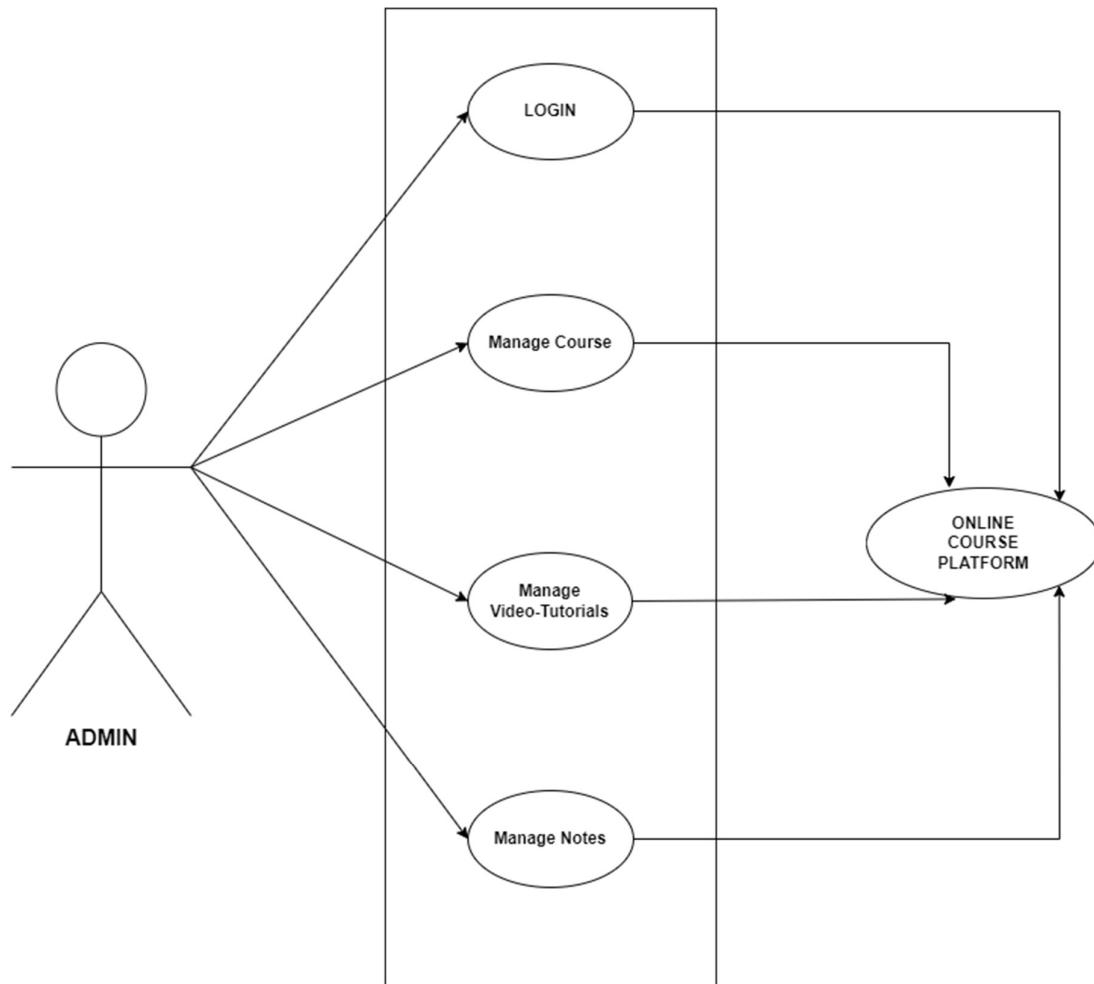
2nd level DFD User side (Manage)


S

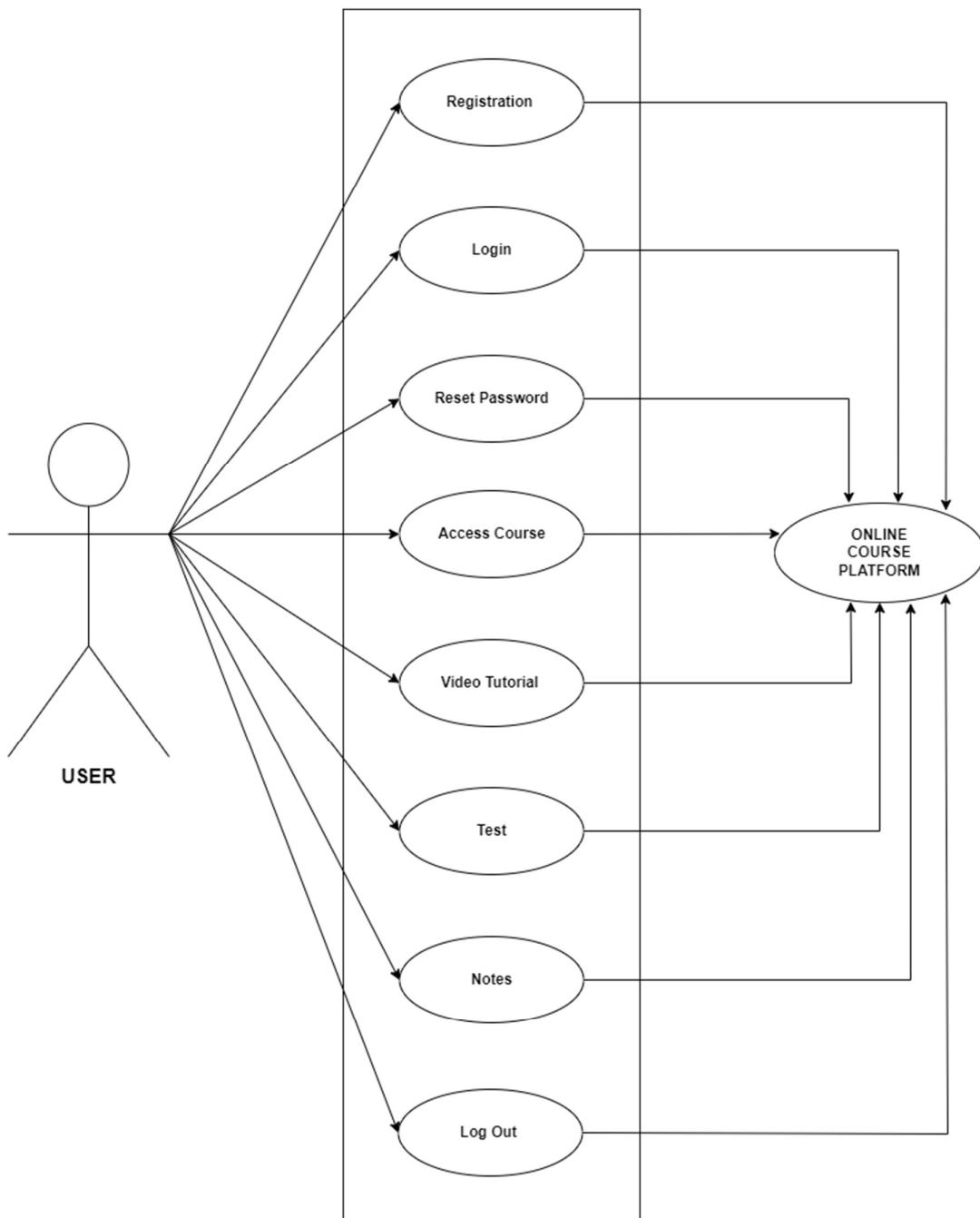
2nd level DFD User side (Logout)


3.2 Use Case Diagram

USE CASE DIAGRAM (ADMIN)

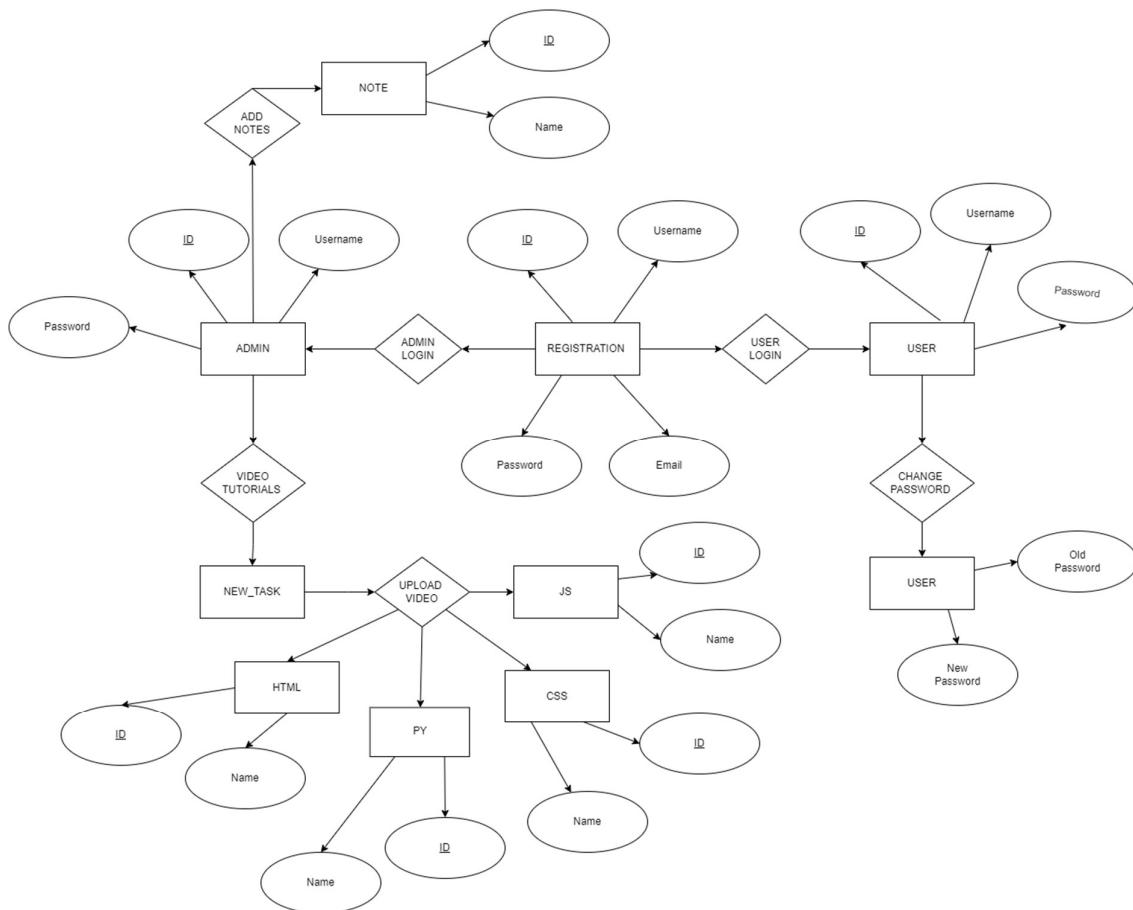


USE CASE DIAGRAM (USER)



3.3 ER Diagram

ER DAIGRAM



3.4 Database Design

DATABASE: loginsystem

Table	Action	Rows	Type	Collation	Size	Overhead
admin		1	InnoDB	utf8mb4_general_ci	16.0 KiB	-
users		2	InnoDB	utf8mb4_general_ci	16.0 KiB	-
2 tables Sum			3	InnoDB	utf8mb4_general_ci	32.0 KiB
					0 B	

Admin Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	admin	varchar(50)	utf8mb4_general_ci		No	None		Change	Drop More
2	password	varchar(50)	utf8mb4_general_ci		No	None		Change	Drop More

User Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None	AUTO_INCREMENT	Change	Drop More
2	username	varchar(50)	utf8mb4_general_ci		No	None		Change	Drop More
3	email	varchar(50)	utf8mb4_general_ci		No	None		Change	Drop More
4	password	varchar(50)	utf8mb4_general_ci		No	None		Change	Drop More

DATABASE: new_task

Table	Action	Rows	Type	Collation	Size	Overhead
html		2	InnoDB	utf8mb4_general_ci	16.0 Kib	-
js		3	InnoDB	utf8mb4_general_ci	16.0 Kib	-
py		5	InnoDB	utf8mb4_general_ci	16.0 Kib	-
3 tables Sum			10	InnoDB	utf8mb4_general_ci	48.0 Kib
					0 B	

Html Video Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

JavaScript Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

Python Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
1	id	int(11)			No	None		AUTO_INCREMENT	Change Drop More
2	name	varchar(255)	latin1_swedish_ci		No	None			Change Drop More

DATABASE: notes

Table	Action	Rows	Type	Collation	Size	Overhead
<input type="checkbox"/> notes		1	InnoDB	utf8mb4_general_ci	16.0 Kib	-
1 table	Sum				1 InnoDB utf8mb4_general_ci 16.0 Kib	0 B

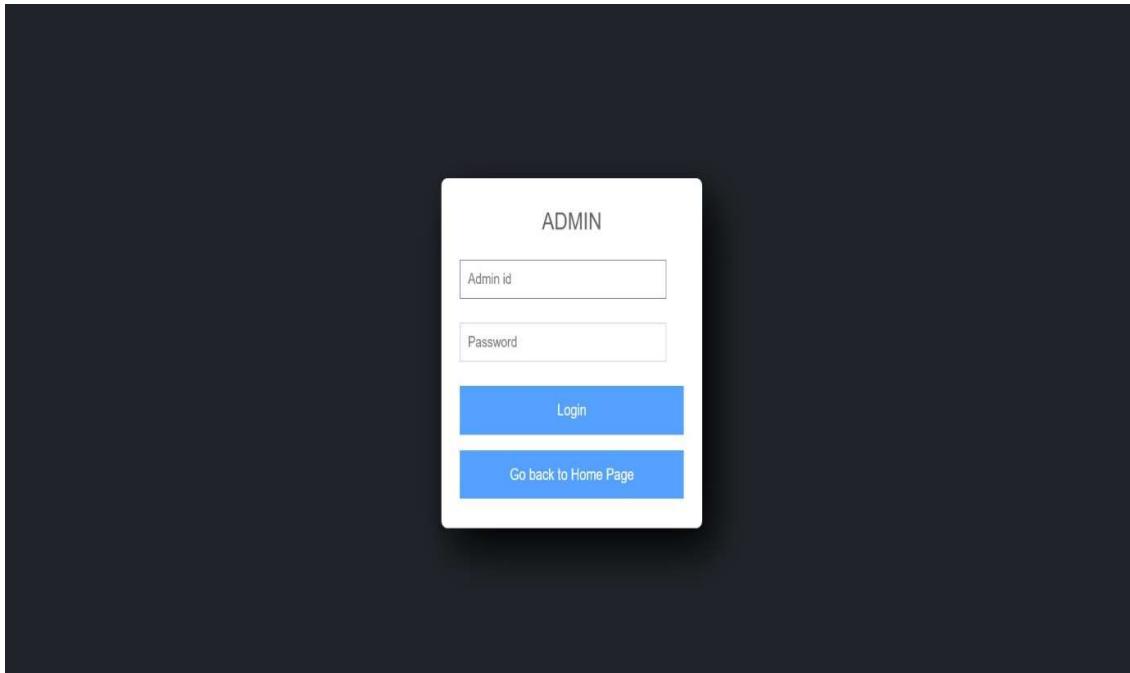
Notes Table

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(10)			No	<i>None</i>		AUTO_INCREMENT	Change Drop More
<input type="checkbox"/> 2	name	varchar(255)	utf8mb4_general_ci		No	<i>None</i>			Change Drop More

3.5 User Interface

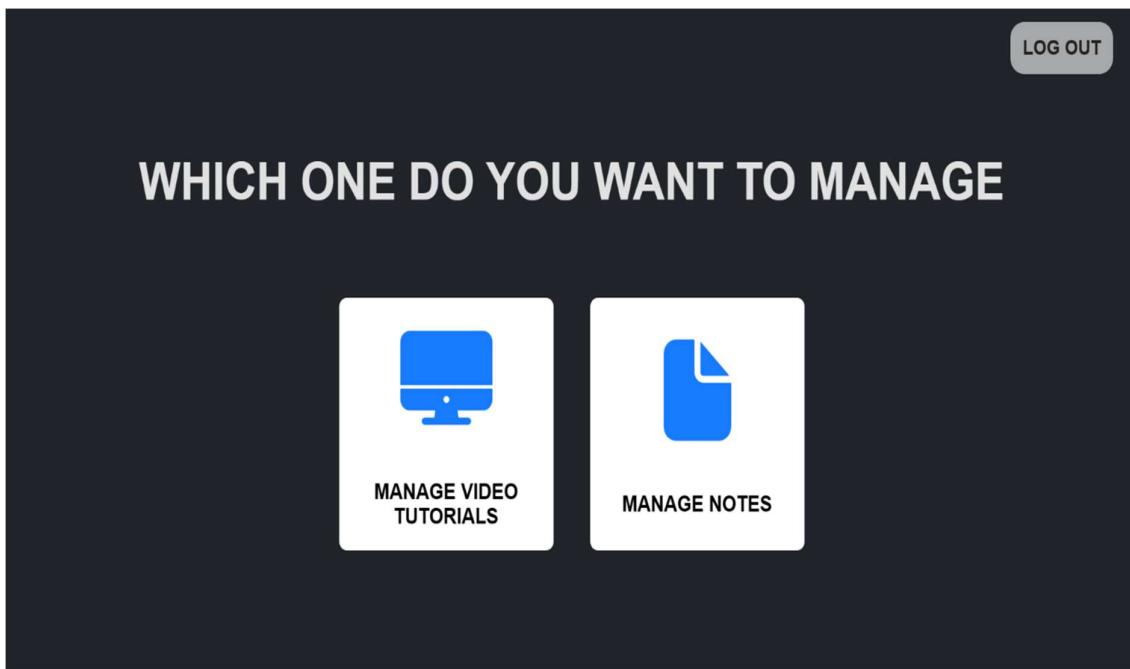
Admin

Admin Login



[Admin Login Page]

Manage Page



[Manage Page]

Manage Video Tutorials



[Manage Video Tutorial Page]

Html Video Tutorials Upload

UPLOAD VIDEO FOR HTML COURSE INTO DATABASE

Upload a Video

Choose File No file chosen

Upload Go Back

[Html Video Upload Page]

Html Video Tutorials Manage

UPLOAD VIDEO TUTORIAL FOR HTML COURSE

UPLOAD A NEW VIDEO GO TO COURSE SELECTION

UPLOADED VIDEOS

HTML Attributes



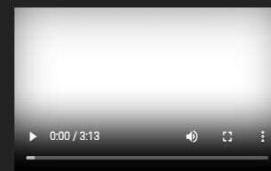
Delete above video

Html Heading



Delete above video

Html Introduction



Delete above video

[Html Videos Manage Page]

CSS Video Tutorials Upload

UPLOAD VIDEO FOR CSS COURSE INTO DATABASE

Upload a Video

Choose File No file chosen

Upload Go Back

[CSS Video Upload Page]

CSS Video Tutorials Manage

UPLOAD VIDEO TUTORIAL FOR CSS COURSE

UPLOAD A NEW VIDEO GO TO COURSE SELECTION

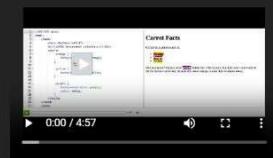
UPLOADED VIDEOS

CSS Class Selector



Delete above video

CSS descendant selectors



Delete above video

CSS Id Selector



Delete above video

Css Link



Types of CSS



[CSS Videos Manage Page]

Python Video Tutorials Upload

UPLOAD VIDEO FOR PYTHON COURSE INTO DATABASE

Upload a Video

Choose File No file chosen

Upload Go Back

[Python Video Upload Page]

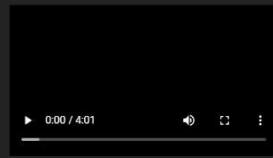
Python Video Tutorials Manage

UPLOAD VIDEO TUTORIAL FOR PYTHON COURSE

UPLOAD A NEW VIDEO GO TO COURSE SELECTION

UPLOADED VIDEOS

Histroy Of Python



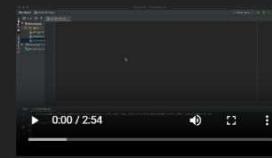
Delete above video

Python Casting



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Python Comments



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Python Operators



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Python Variables



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Python Datatypes



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[Python Videos Manage Page]

JavaScript Video Tutorials Upload

UPLOAD VIDEO FOR JAVASCRIPT COURSE INTO DATABASE

Upload a Video

No file chosen

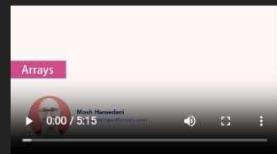
[JavaScript Video Upload Page]

JavaScript Video Tutorials Manage

UPLOAD VIDEO TUTORIAL FOR JAVASCRIPT COURSE

UPLOADED VIDEOS

JavaScript Arrays



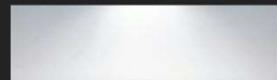
JavaScript Comments



JavaScript Functions



JavaScript Objects



JavaScript Strings



String

Javascript Syntax



[JavaScript Videos Manage Page]

Upload Notes

UPLOAD NOTES INTO DATABASE

Upload a Note

Choose File No file chosen

Upload Go Back

[Upload Notes Page]

Manage Note

UPLOAD NOTES

[UPLOAD A NEW NOTE](#) [GO BACK](#)

UPLOADED NOTES

HTML NOTES [View](#)

[Delete above note](#)

CSS NOTES [View](#)

[Delete above note](#)

JAVA SCRIPT NOTES [View](#)

[Delete above note](#)

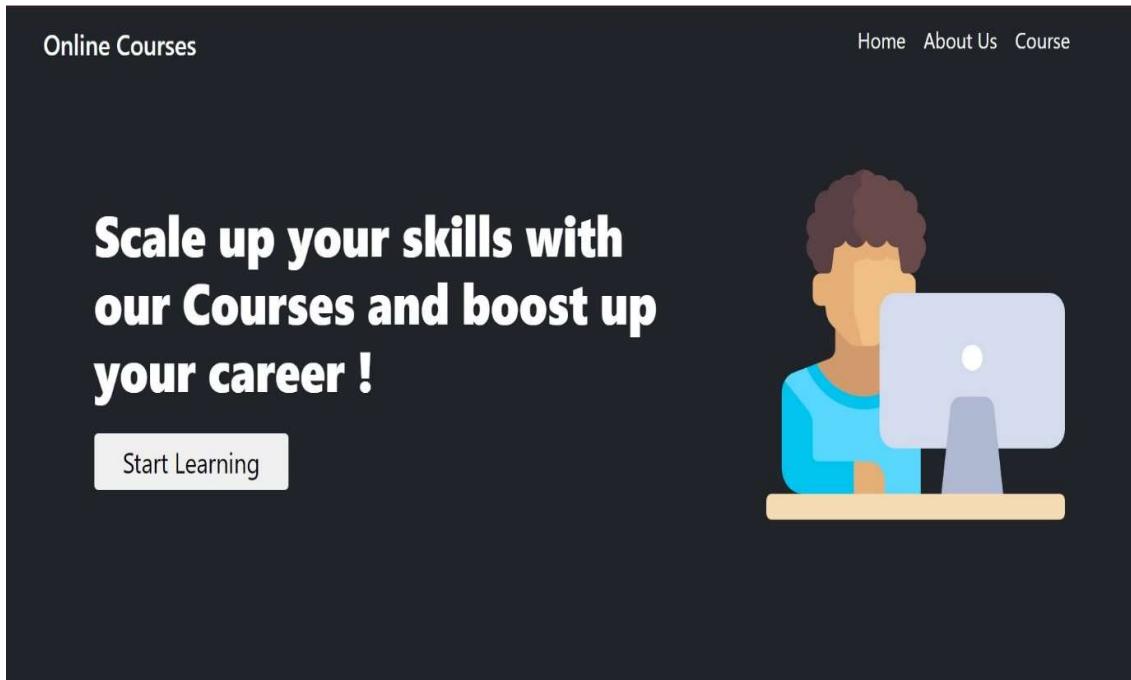
PYTHON NOTES [View](#)

[Delete above note](#)

[Note Upload Page]

User

Home



[Home Page]

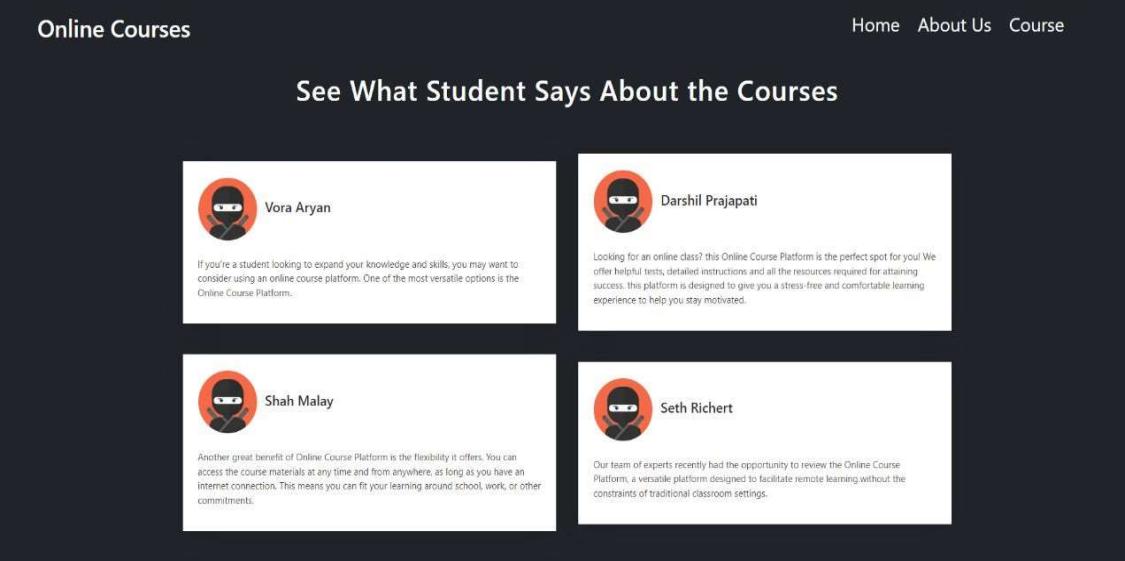
Courses



The screenshot shows a dark-themed website for an online course platform. At the top left is the "Online Courses" logo. At the top right are links for "Home", "About Us", and "Course". The main heading "Our Courses" is centered above four course icons: JavaScript (yellow JS logo), Python (blue and yellow snake logo), HTML (orange and white H logo), and CSS (blue and white S logo). Below each icon is the corresponding language name.

[Courses Page]

Reviews



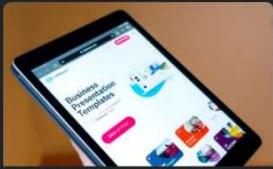
The screenshot shows a dark-themed website for student reviews. At the top left is the "Online Courses" logo. At the top right are links for "Home", "About Us", and "Course". The main heading "See What Student Says About the Courses" is centered above four review cards. Each card features a student's profile picture (a red circle with a black ninja icon), their name, and a short testimonial. The reviews are as follows:

- Vora Aryan**: If you're a student looking to expand your knowledge and skills, you may want to consider using an online course platform. One of the most versatile options is the Online Course Platform.
- Darshil Prajapati**: Looking for an online class? This Online Course Platform is the perfect spot for you! We offer helpful tests, detailed instructions, and all the resources required for attaining success. This platform is designed to give you a stress-free and comfortable learning experience to help you stay motivated.
- Shah Malay**: Another great benefit of Online Course Platform is the flexibility it offers. You can access the course materials at any time and from anywhere, as long as you have an internet connection. This means you can fit your learning around school, work, or other commitments.
- Seth Richert**: Our team of experts recently had the opportunity to review the Online Course Platform, a versatile platform designed to facilitate remote learning without the constraints of traditional classroom settings.

[Reviews Page]

About Us

Online Courses



Home About Us Course

Learn from anywhere 📱!

Learning has never been easier thanks to our Online Course Platform! All you have to do is register and you can learn from any device, wherever you are. Our Education business provides you with the resources you need to get ahead and stay ahead of the game.

Evaluate yourself by tests 📄

Take control of your education journey and evaluate yourself with our comprehensive online course platform! We offer tests that help you accurately assess your progress and learn effectively in a comfortable environment.



Online Courses



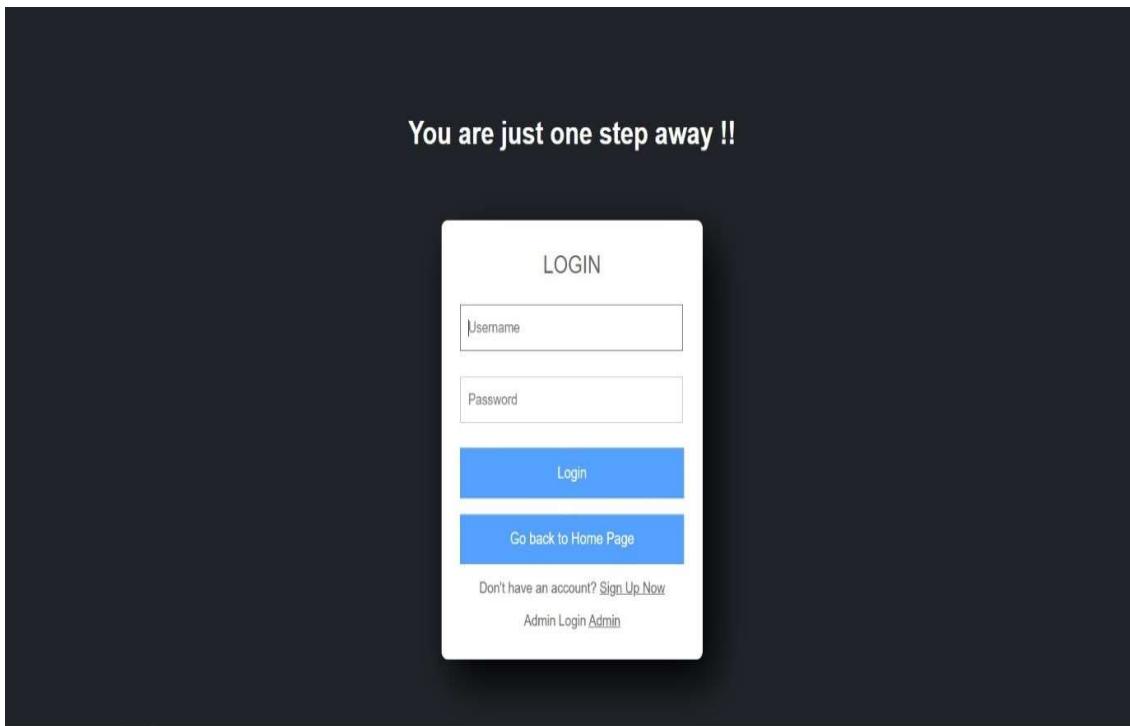
Home About Us Course

learn on your own time?

Our Education Online Course Platform is convenient, accessible, and full of content and features to help you reach your goals – all while letting you learn when it's most convenient for you. With our platform, you can learn at anytime – anytime that works for you.

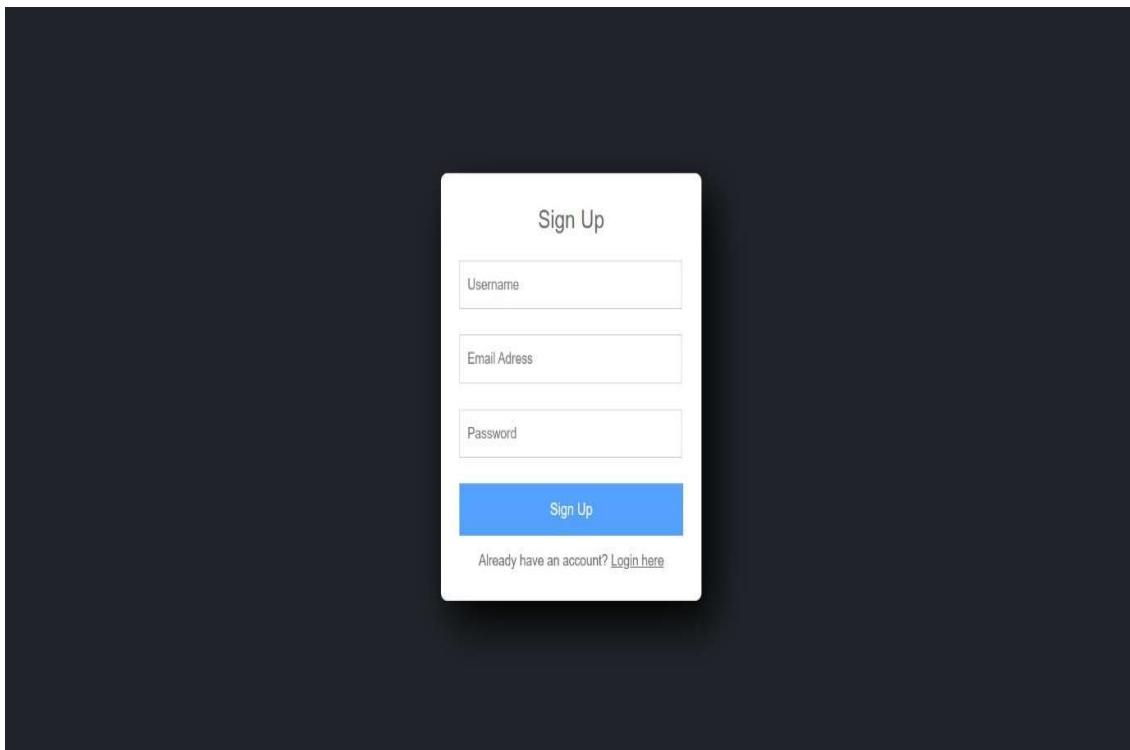
[About Us]

User Login



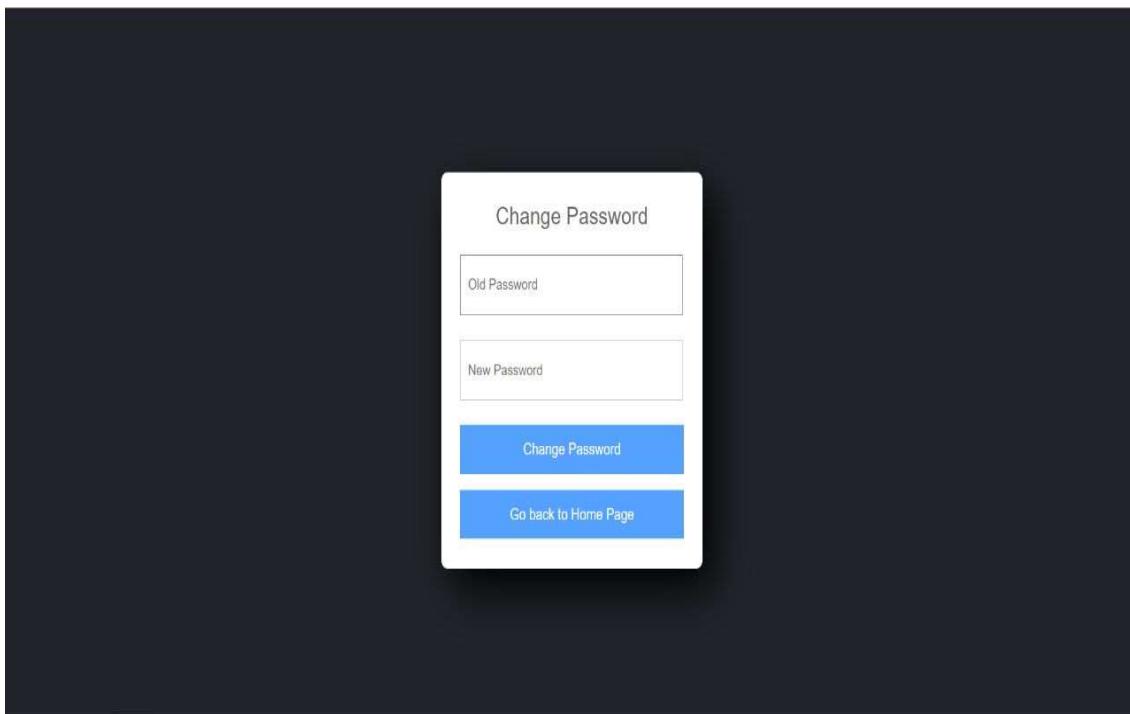
[User Login Page]

User Registration



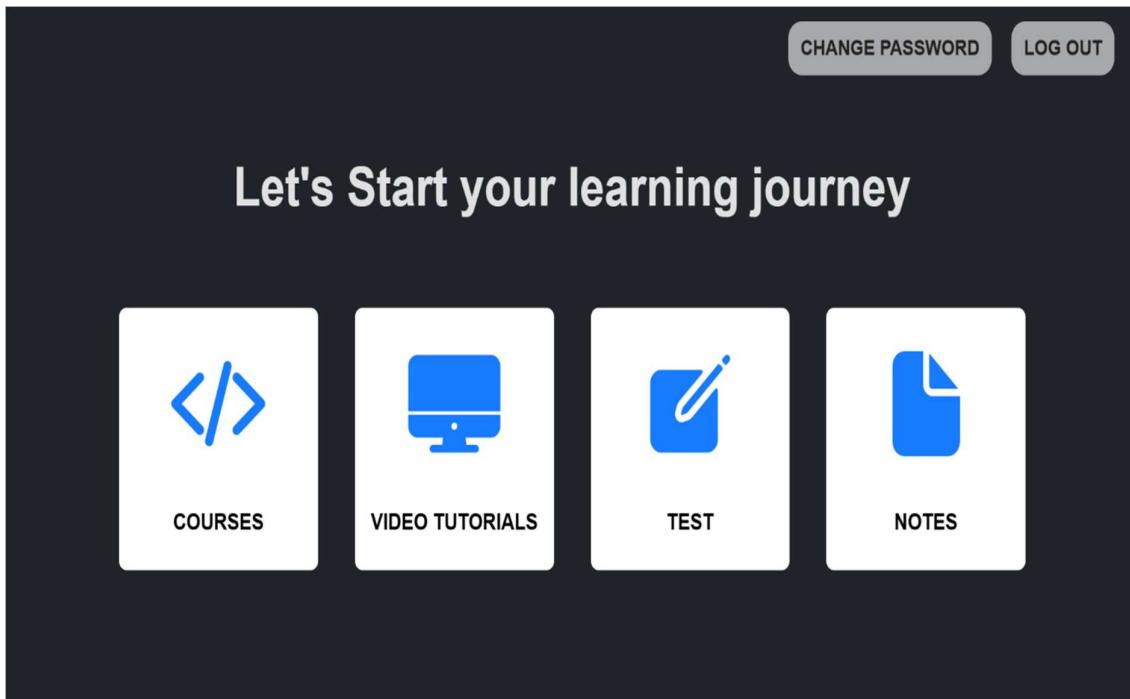
[User Registration Page]

Change Password



[Change Password Page]

Dashboard



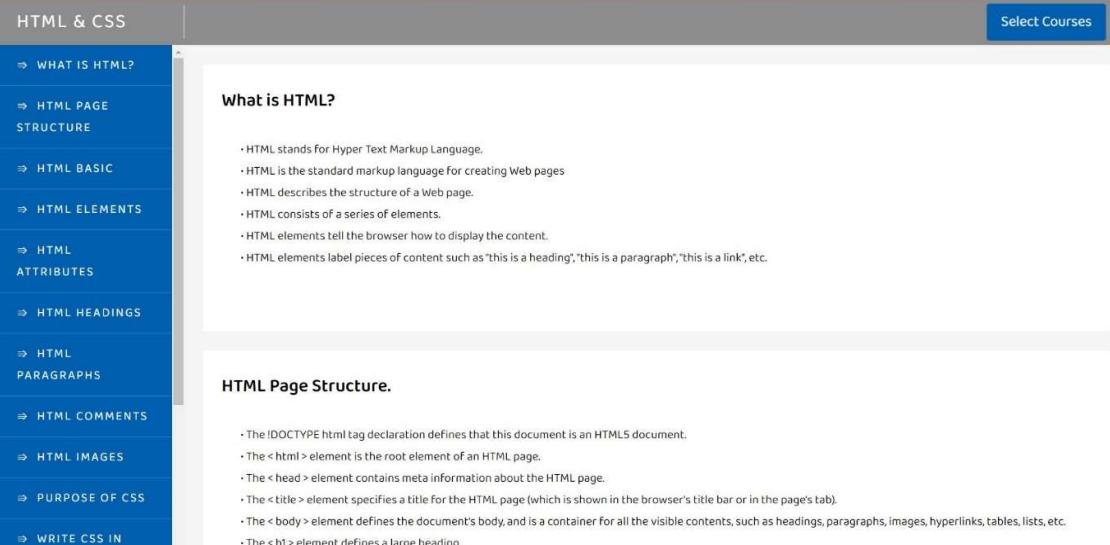
[Dashboard Page]

Select Course



[Select Course Page]

Html Course



The screenshot shows a course platform interface for HTML & CSS. On the left, a sidebar lists topics under 'HTML & CSS': WHAT IS HTML?, HTML PAGE STRUCTURE, HTML BASIC, HTML ELEMENTS, HTML ATTRIBUTES, HTML HEADINGS, HTML PARAGRAPHS, HTML COMMENTS, HTML IMAGES, PURPOSE OF CSS, and WRITE CSS IN. A 'Select Courses' button is at the top right. The main content area has a heading 'What is HTML?' followed by a bulleted list of facts about HTML.

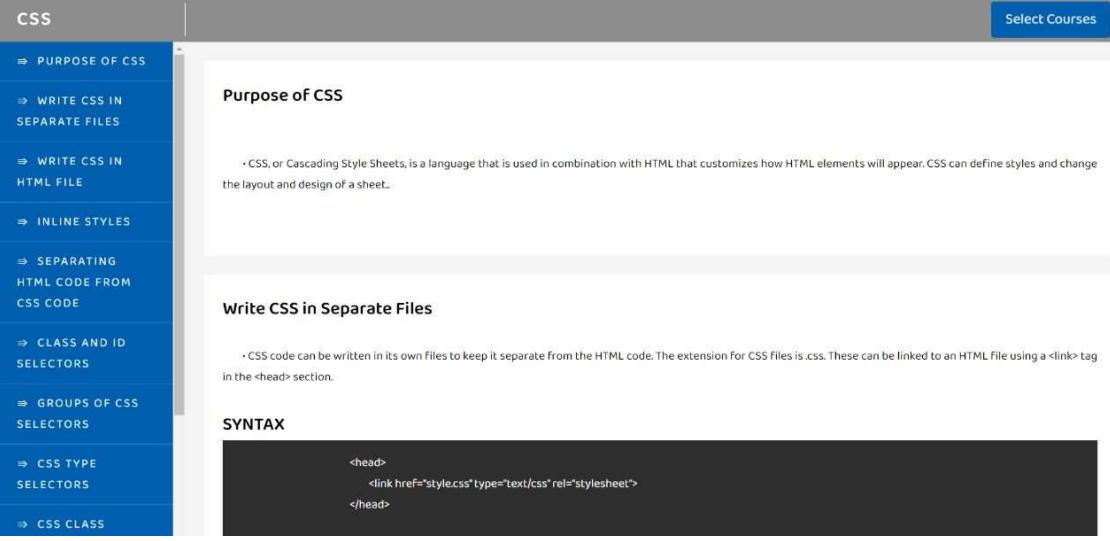
- HTML stands for Hyper Text Markup Language.
- HTML is the standard markup language for creating Web pages.
- HTML describes the structure of a Web page.
- HTML consists of a series of elements.
- HTML elements tell the browser how to display the content.
- HTML elements label pieces of content such as "this is a heading", "this is a paragraph", "this is a link", etc.

Below this is a section titled 'HTML Page Structure.' with its own list of facts:

- The !DOCTYPE html tag declaration defines that this document is an HTML5 document.
- The <html> element is the root element of an HTML page.
- The <head> element contains meta information about the HTML page.
- The <title> element specifies a title for the HTML page (which is shown in the browser's title bar or in the page's tab).
- The <body> element defines the document's body, and is a container for all the visible contents, such as headings, paragraphs, images, hyperlinks, tables, lists, etc.
- The <h1> element defines a large heading

[Html Course Page]

CSS Course



The screenshot shows a course platform interface for CSS. On the left, a sidebar lists topics under 'CSS': PURPOSE OF CSS, WRITE CSS IN SEPARATE FILES, WRITE CSS IN HTML FILE, INLINE STYLES, SEPARATING HTML CODE FROM CSS CODE, CLASS AND ID SELECTORS, GROUPS OF CSS SELECTORS, CSS TYPE SELECTORS, and CSS CLASS. A 'Select Courses' button is at the top right. The main content area has a section titled 'Purpose of CSS' with a bulleted list of facts about CSS.

- CSS, or Cascading Style Sheets, is a language that is used in combination with HTML that customizes how HTML elements will appear. CSS can define styles and change the layout and design of a sheet..

Below this is a section titled 'Write CSS in Separate Files' with a note about writing CSS code in separate files:

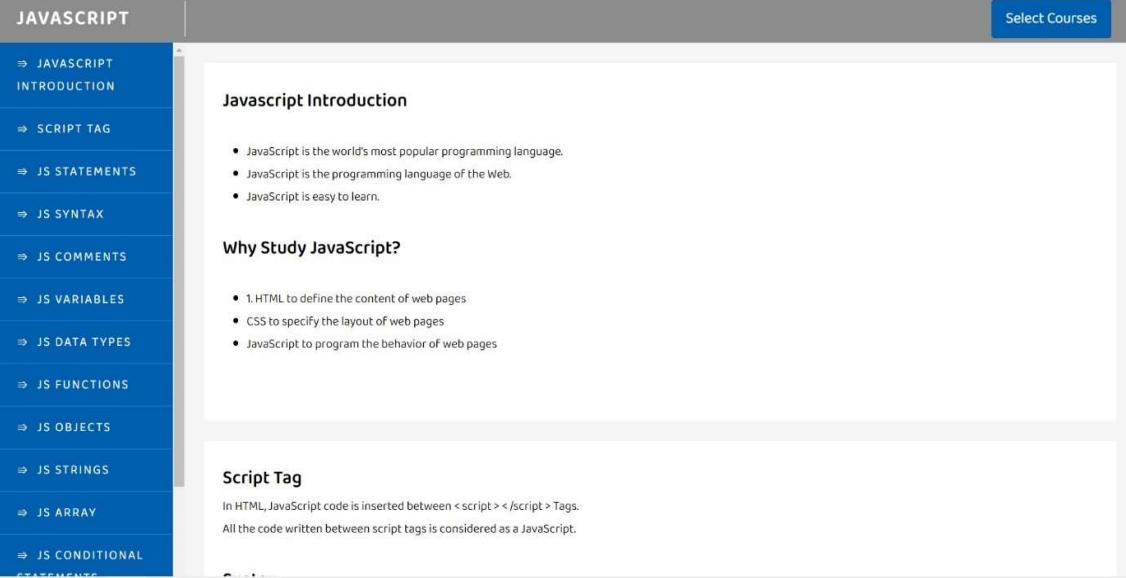
• CSS code can be written in its own files to keep it separate from the HTML code. The extension for CSS files is .css. These can be linked to an HTML file using a <link> tag in the <head> section.

SYNTAX

```
<head>
<link href="style.css" type="text/css" rel="stylesheet">
</head>
```

[CSS Course Page]

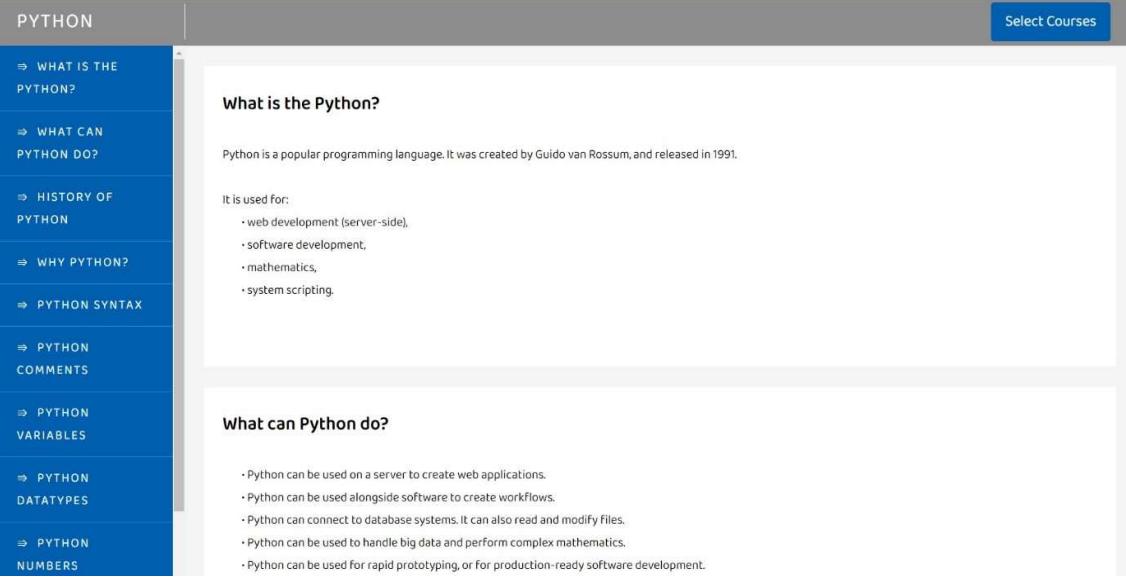
JavaScript Course



The screenshot shows a course page for "JAVASCRIPT". On the left, a sidebar lists topics: INTRODUCTION, SCRIPT TAG, JS STATEMENTS, JS SYNTAX, JS COMMENTS, JS VARIABLES, JS DATA TYPES, JS FUNCTIONS, JS OBJECTS, JS STRINGS, JS ARRAY, and JS CONDITIONAL STATEMENTS. A "Select Courses" button is at the top right. The main content area has a heading "Javascript Introduction" with a bulleted list: "• JavaScript is the world's most popular programming language.", "• JavaScript is the programming language of the Web.", and "• JavaScript is easy to learn.". Below it is a section titled "Why Study JavaScript?" with a bulleted list: "• HTML to define the content of web pages", "• CSS to specify the layout of web pages", and "• JavaScript to program the behavior of web pages". At the bottom, a section titled "Script Tag" explains that in HTML, JavaScript code is inserted between <script> </script> Tags, and all code written between script tags is considered as a JavaScript.

[JavaScript Course Page]

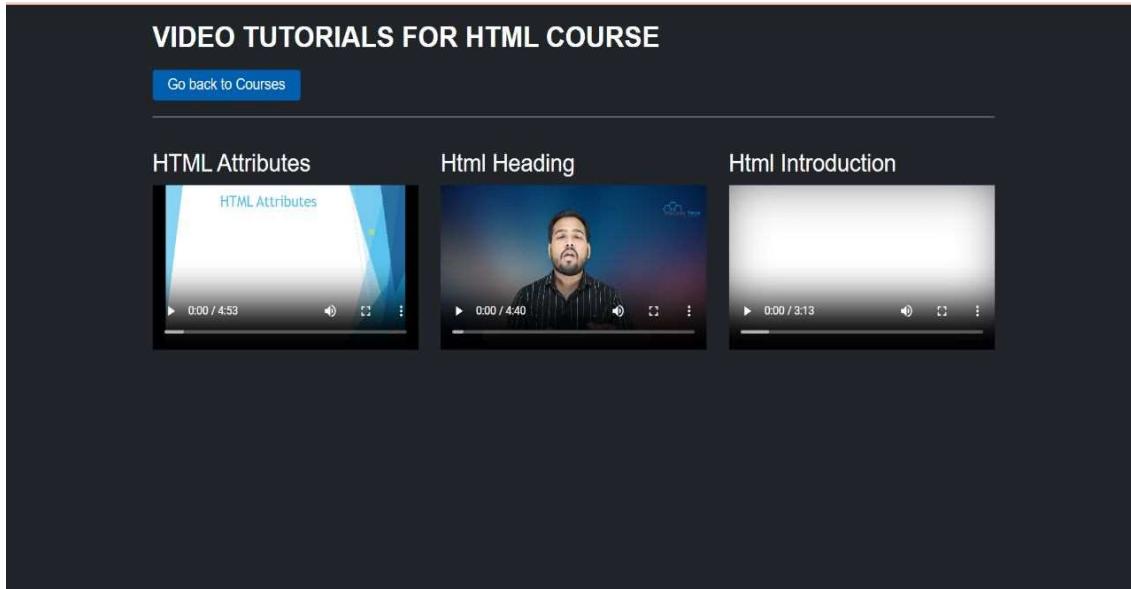
Python Course



The screenshot shows a course page for "PYTHON". On the left, a sidebar lists topics: WHAT IS THE PYTHON?, WHAT CAN PYTHON DO?, HISTORY OF PYTHON, WHY PYTHON?, PYTHON SYNTAX, PYTHON COMMENTS, PYTHON VARIABLES, PYTHON DATATYPES, and PYTHON NUMBERS. A "Select Courses" button is at the top right. The main content area has a section titled "What is the Python?" which states "Python is a popular programming language. It was created by Guido van Rossum, and released in 1991." and lists its uses: "• web development (server-side)", "• software development", "• mathematics", and "• system scripting.". Below it is a section titled "What can Python do?" with a bulleted list: "• Python can be used on a server to create web applications.", "• Python can be used alongside software to create workflows.", "• Python can connect to database systems. It can also read and modify files.", "• Python can be used to handle big data and perform complex mathematics.", and "• Python can be used for rapid prototyping, or for production-ready software development."

[Python Course Page]

Html Video Tutorial



[Html Video Tutorial Page]

JavaScript Video Tutorial



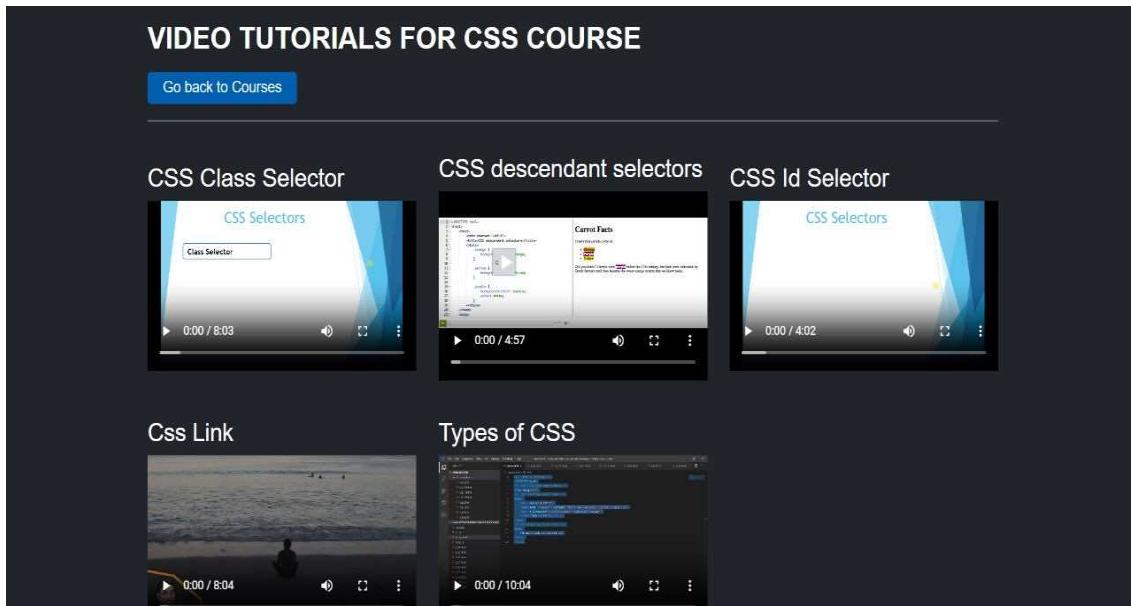
[JavaScript Video Tutorial Page]

Python Video Tutorial



[Python Video Tutorial Page]

CSS Video Tutorial



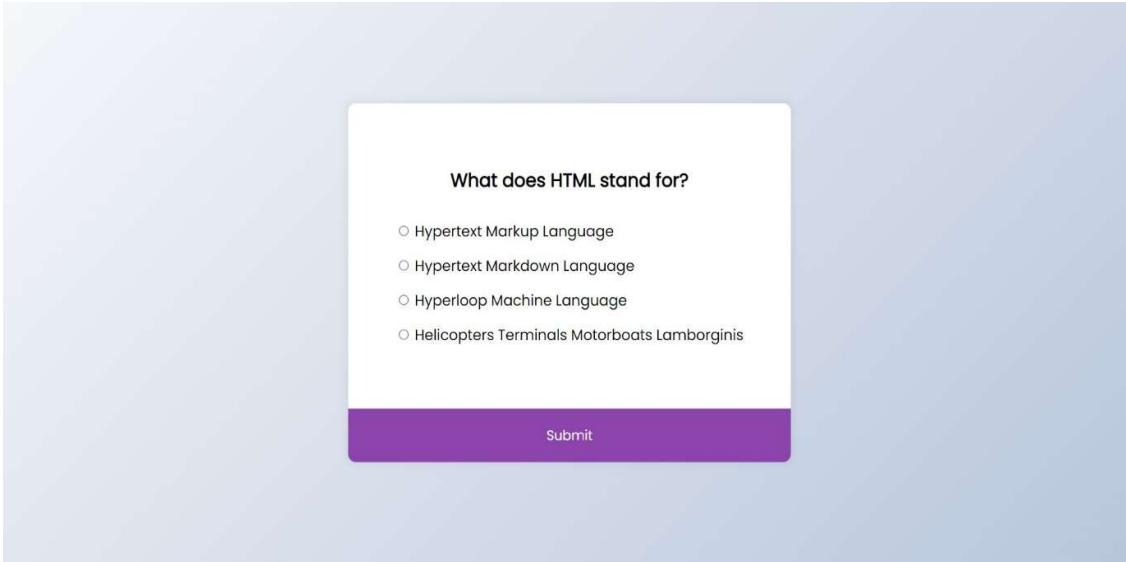
[CSS Video Tutorial Page]

Quiz Selection



[Quiz Selection Page]

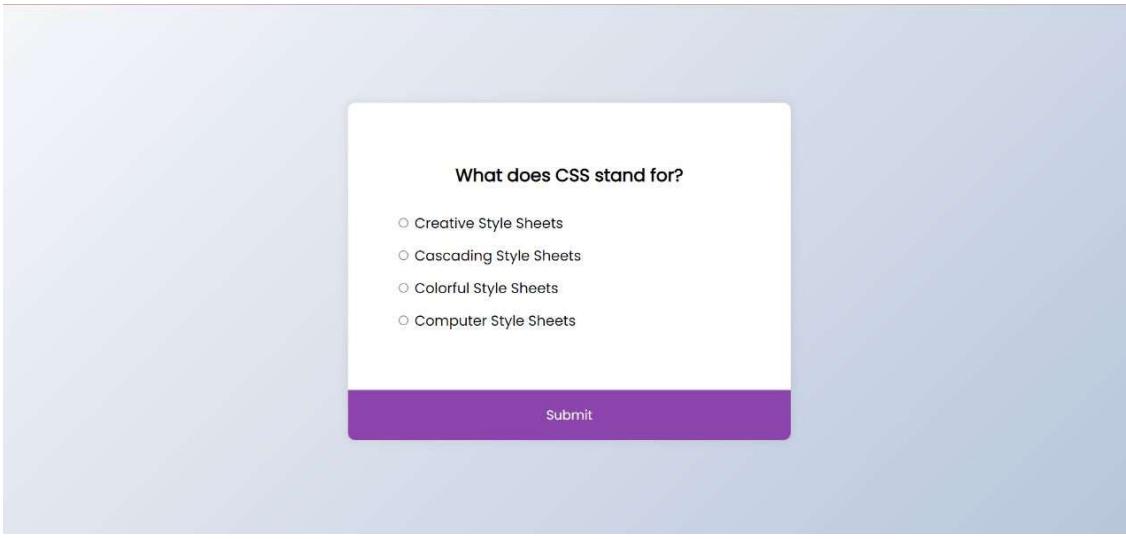
Html Quiz



A screenshot of an HTML quiz interface. The question is "What does HTML stand for?". The options are: ○ Hypertext Markup Language, ○ Hypertext Markdown Language, ○ Hyperloop Machine Language, and ○ Helicopters Terminals Motorboats Lamborghinis. A purple "Submit" button is at the bottom.

[Html Quiz Page]

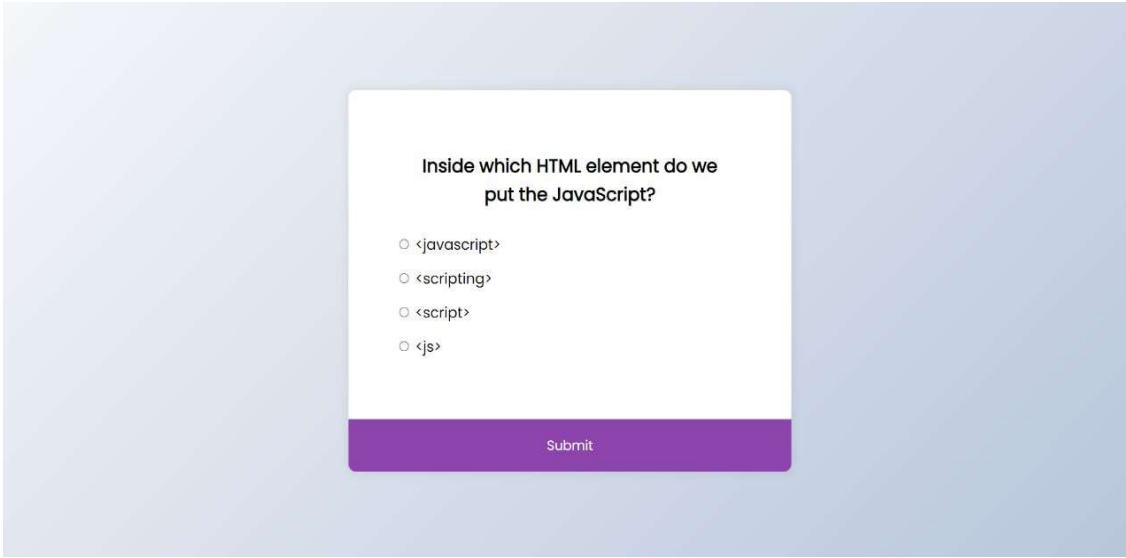
CSS Quiz



A screenshot of a CSS quiz interface. The question is "What does CSS stand for?". The options are: ○ Creative Style Sheets, ○ Cascading Style Sheets, ○ Colorful Style Sheets, and ○ Computer Style Sheets. A purple "Submit" button is at the bottom.

[CSS Quiz Page]

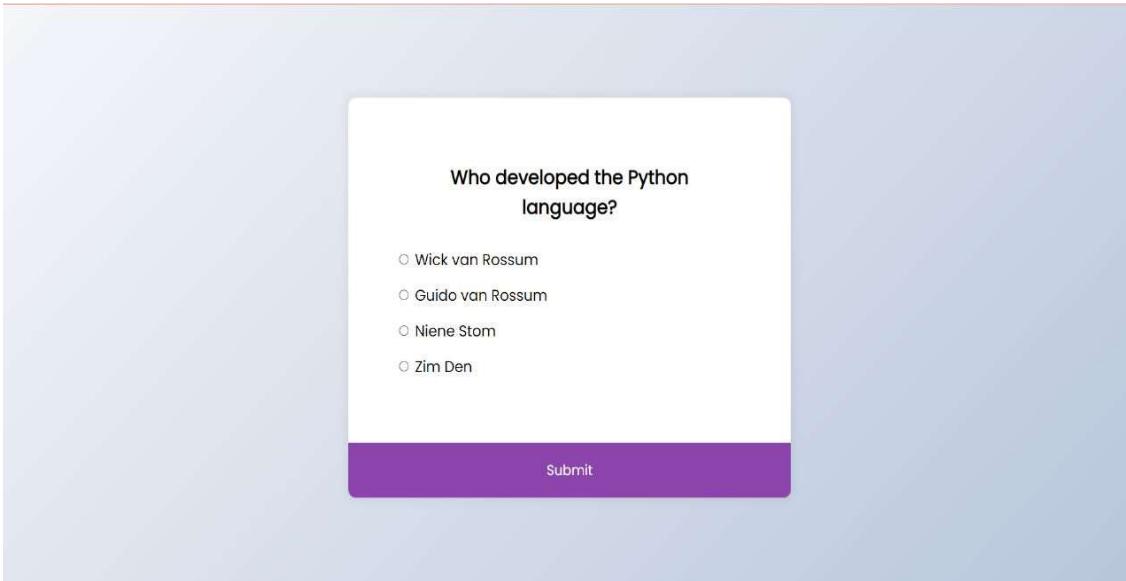
JavaScript Quiz



A screenshot of a quiz interface. At the top, there is a question: "Inside which HTML element do we put the JavaScript?". Below the question are four options, each preceded by a radio button: "<javascript>", "<scripting>", "<script>", and "<js>". At the bottom of the white content area is a purple horizontal button labeled "Submit".

[JavaScript Quiz Page]

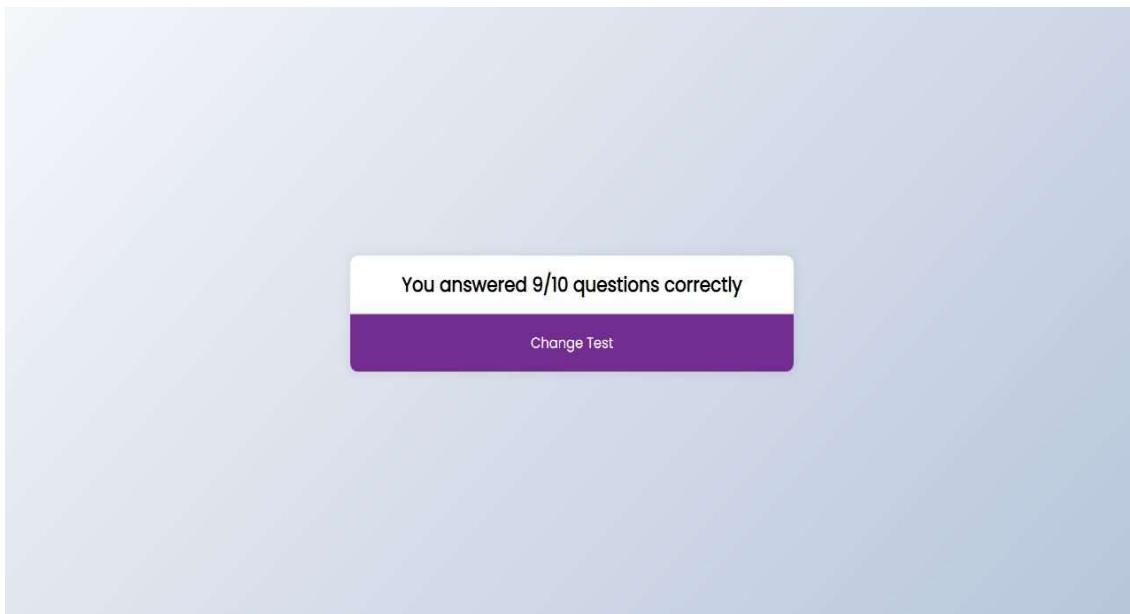
Python Quiz



A screenshot of a quiz interface. At the top, there is a question: "Who developed the Python language?". Below the question are four options, each preceded by a radio button: "Wick van Rossum", "Guido van Rossum", "Niene Stom", and "Zim Den". At the bottom of the white content area is a purple horizontal button labeled "Submit".

[Python Quiz Page]

Quiz Result Page



[Quiz Result Page]

Last Minute Notes

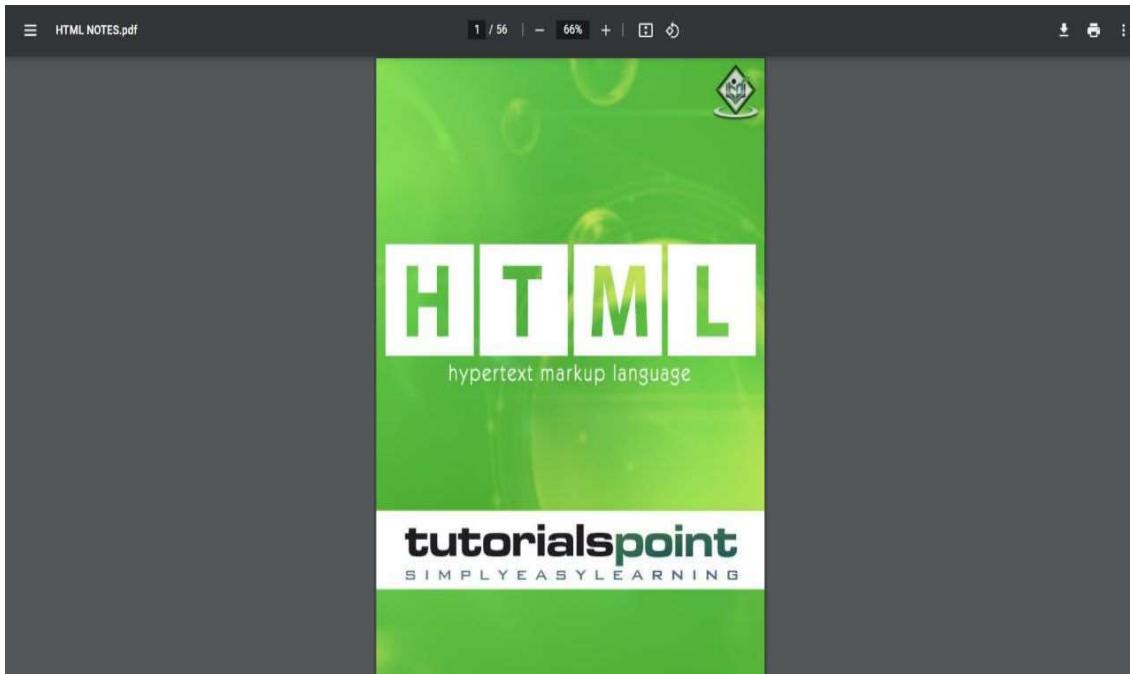
NOTES FOR LAST MINUTE PREP

[GO BACK](#)

HTML NOTES	View
CSS NOTES	View
JAVA SCRIPT NOTES	View
PYTHON NOTES	View

[Last Minute Note Page]

Notes View



[Notes View]

4. Testing

4.1 Unit testing

Admin testing

Test Case for Admin – Login

Id	Test field	Step Execute	Executed Result	Actual Result
1	Username	Empty Or Wrong	Msg. 'please correct or require your Username'	As Expected
2	Password	Empty and length>=6 characters	Msg. 'please correct or require your password'	As Expected

User Testing

Test Case for User – Registration

Id	Test field	Step Execute	Executed Result	Actual Result
1	Username	Empty Or Wrong	Msg. 'please require your Username'	As Expected
2	Email	Empty	Msg 'please required your email '	As Expected
3	Password	Empty	Msg. 'please require your password'	As Expected

Test Case for User – Login

Id	Test field	Step Execute	Executed Result	Actual Result
1	Username	Empty Or Wrong	Msg. 'please require or correct your Username'	As Expected
2	Password	Empty	Msg. 'please require or correct your password'	As Expected

Test Case for User – Change Password

Id	Test field	Step Execute	Executed Result	Actual Result
1	Old Password	Empty Or Wrong	Msg. 'please require or correct your Username'	As Expected
2	New Password	Empty	Msg. 'please require or correct your password'	As Expected

4.2 Navigation Testing

Admin

Link	Expected Page	Result Of Page
Admin Login	Admin Login page	Admin Login Page
Manages	Manage Page	Manage Page
Select Course	Select Course Page	Select Course Page
Html	Html Video Page	Html Video Page
CSS	CSS Video Page	CSS Video Page
JavaScript	JavaScript Video page	JavaScript Video Page
Python	Python Video Page	Python Video Page
Manage Note	Manage Note	Manage Note
Notes	Notes Page	Notes Page
Logout	Logout	Home Page

User

Link	Expected Page	Result Of Page
Home	Home Page	Home Page
Login	Login Page	Login Page
Registration	Registration Page	Registration Page
Change Password	Change Password Page	Change Password Page
Dashboard	Dashboard Page	Dashboard Page
Course	Course Page	Course
Html Course	Html Course Page	Html Course Page
CSS Course	CSS Course Page	CSS Course Page
JavaScript Course	JavaScript Course Page	JavaScript Course Page
Python Course	Python Course Page	Python Video Page
Video Tutorials	Video Tutorials Page	Video Tutorials Page
Html Video Tutorials	Html Video Tutorials Page	HTML Video Tutorials Page
CSS Video Tutorials	CSS Video Tutorials Page	CSS Video Tutorials Page
JavaScript Video Tutorials	JavaScript Video Tutorials Page	JavaScript Video Tutorials Page
Python Video Tutorials	Python Video Tutorials Page	Python Video Tutorials Page
Test	Test Page	Test Page
Html Test	Html Test Page	Html Test Page
CSS Test	CSS Test Page	CSS Test Page
JavaScript Test	JavaScript Test Page	JavaScript Test Page
Python Test	Python Test Page	Python Test Page
Notes	Notes page	Notes page
Html Note	Html Note Page	Html Note Page
CSS Note	CSS Note Page	CSS Note Page
JavaScript Note	JavaScript Note Page	JavaScript Note Page
Python Note	Python Note Page	Python Note Page
Logout	Logout	Home Page

4.3 Functional Testing

- Login and Password process has been co-operated properly.
- Registration system module has been done properly and accurately.
- Password updating is working properly.
- All session working properly.
- Visibility of Dashboard wise Course are working Properly.
- User registration is working Properly.
- Courses manage properly.
- Video Uploading is working properly.
- Quiz is working properly.
- Notes manage properly.
- Delete Video from Admin Side Working properly.
- All Pages Design is perfect.

4.4 Environment Testing

Firefox browser, Internet explorer and chrome consider testing for environment operability of software.

- Web server – Apache/xampp
- Database – MYSQL Server
- OS – Windows 11
- Browser – Firefox/Internet Explorer/Chrome

5. Conclusion

- Technology has made significant progress over the years to provide users a better learning experience and will continue to do so for years to come. With the rapid growth of technology and innovations, people have speculated that online learning will overtake offline learning.
- However, there are some drawbacks to online courses. One of the major problems is face to face interaction between students and instructor. Furthermore, we have been noticed that most of the students just login into our website but later on they won't give any interest to it.
- Overviewing both the points there are more advantages which outweigh the disadvantages of online course platform. Because the quality which are given online is far more updated and important comparing to the hardcover course which is been given free of cost.

6. Bibliography & Reference

➤ Website which helps us in our project are given below.

1. www.google.com
2. www.w3school.com
3. www.youtube.com
4. www.draw.io.com