

ONLINE COURSE MANAGEMENT SYSTEM

ONLINE LEARNING COURSE MANAGEMENT SYSTEM

MINI PROJECT REPORT

In partial fulfilment of the requirements for the award of
the Degree of B.C.A Mobile Application and Cloud
Technology

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Under the guidance of
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Department of Computer Science



SACRED HEART COLLEGE (AUTONOMOUS),
THEVARA
MAHATMA GANDHI UNIVERSITY
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DECLARATION

I hereby declare that this mini project entitled "ONLINE COURSE MANAGEMENT SYSTEM" submitted to the Sacred Heart College is a partial fulfilment of the requirements for the award of Degree of B.C.A Mobile Application and Cloud Technology. This mini project report is the Bonafede work carried out under the guidance and supervision of Lecturer in Computer Science, Sacred heart college, Thevara during the period of study.

ACKNOWLEDGEMENT

I am deeply indebted to the principal, Dr. JOSE JOHN, Sacred Heart College (Autonomous), Thevara, Prof. REJITHA M R, H.O.D of Computer Science and Prof. SANTHOSH KUMAR K P, Project Coordinator whose invaluable guidance supported us in completing this project. I express wholehearted gratitude to my esteemed teachers and guide for his expert guidance and good support and constant encouragement for carrying out the project. At last, I must express my sincere heartfelt gratitude to all the staff members from the department of Computer Science who helped me directly or indirectly during this course of work.

CONTENTS

1. ABSTRACT

2. INTRODUCTION

3. SYSTEM DESIGN

- SYSTEM ARCHITECTURE
- MODULES AND FUNCTIONALITIES
- USE CASE DIAGRAM

4. DATABASE DESIGN

- ER DIAGRAM
- SCHEMA DEFINITIONS
- SCHEMA DIAGRAM

5. CODING AND SCREENSHOTS

6. CONCLUSION

1. ABSTRACT

This mini project is the prototype of Online Course management system. Here, it is a basic learning platform for anyone who is interested in learning programming. It provides a number of courses for the user. Users can access the website's courses, manage and see their progress if they sign up to the website and have an account. Users accounts and learning materials are managed through the database by admin. Project is built using HTML, CSS, JAVASCRIPT (basic) as front-end, SQL is used for Data base management, PHP is used for back-end.

2. INTRODUCTION

In the modern world that is constantly changing and evolving. The need for accessible and effective learning has never been more crucial, and the use of modern technologies has very important implications in the future of education.

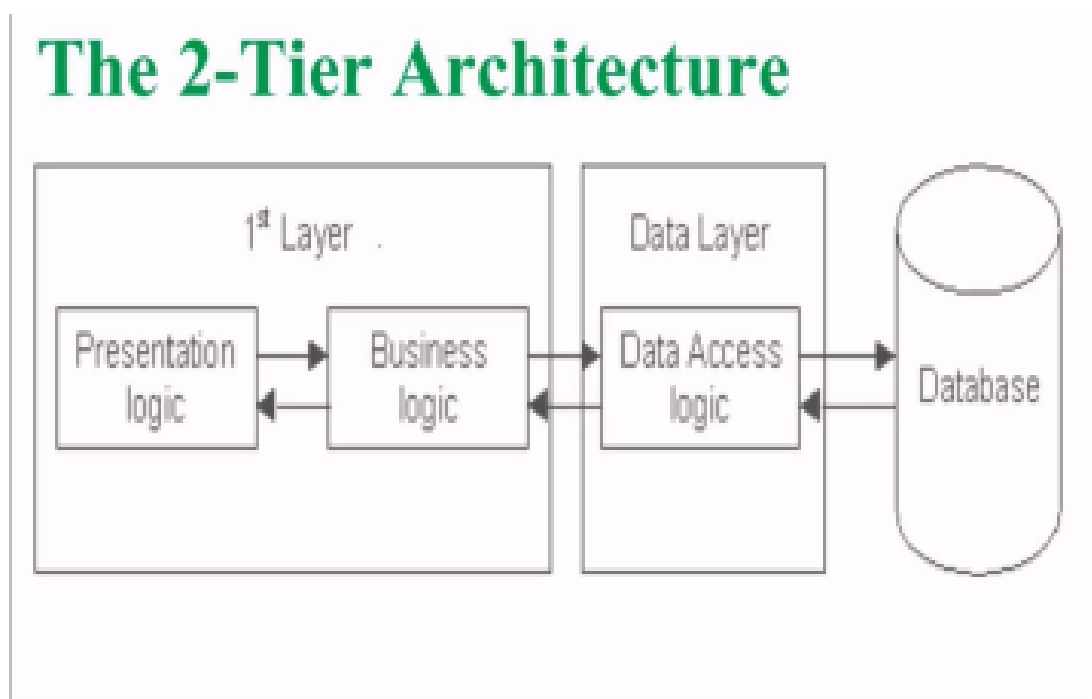
There are hundreds of online learning platforms that play a vital role for the enhancement of learning and education through modern technologies, opening a door where students can no

longer depend on teachers and the school education system. It is very clear that the concept of learning has penetrated the walls of school generating a number of concepts such as e-learning. The world is always ready to welcome the new technologies and platforms that help in improvement of learning methods and education system.

As we teachers and students being everyday consumers of these e-learning platforms and modern technologies we spend lots of time getting the right materials on the internet for our learning. And this is where our project comes in as the project aims to focus on a specific area that is for programmers and computer students. This platform provides the proper guided courses for anyone one who wants to learn programming with the record of their progress not only that here they are also guided with proper YouTube video links to where they can learn visual and prepare their own notes.

3. SYSTEM DESIGN

- SYSTEM ARCHITECTURE



a. MODULES AND FUNCTIONALITIES

1. User Registration
2. User Progress Record
3. Notification
4. User Review
5. Hyperlink (to reliable source)

Description:

User Registration: Our user enrolment protocol is designed to be easy and secure. Customers can establish accounts swiftly and safely, all while data protection measures are in place, guaranteeing the

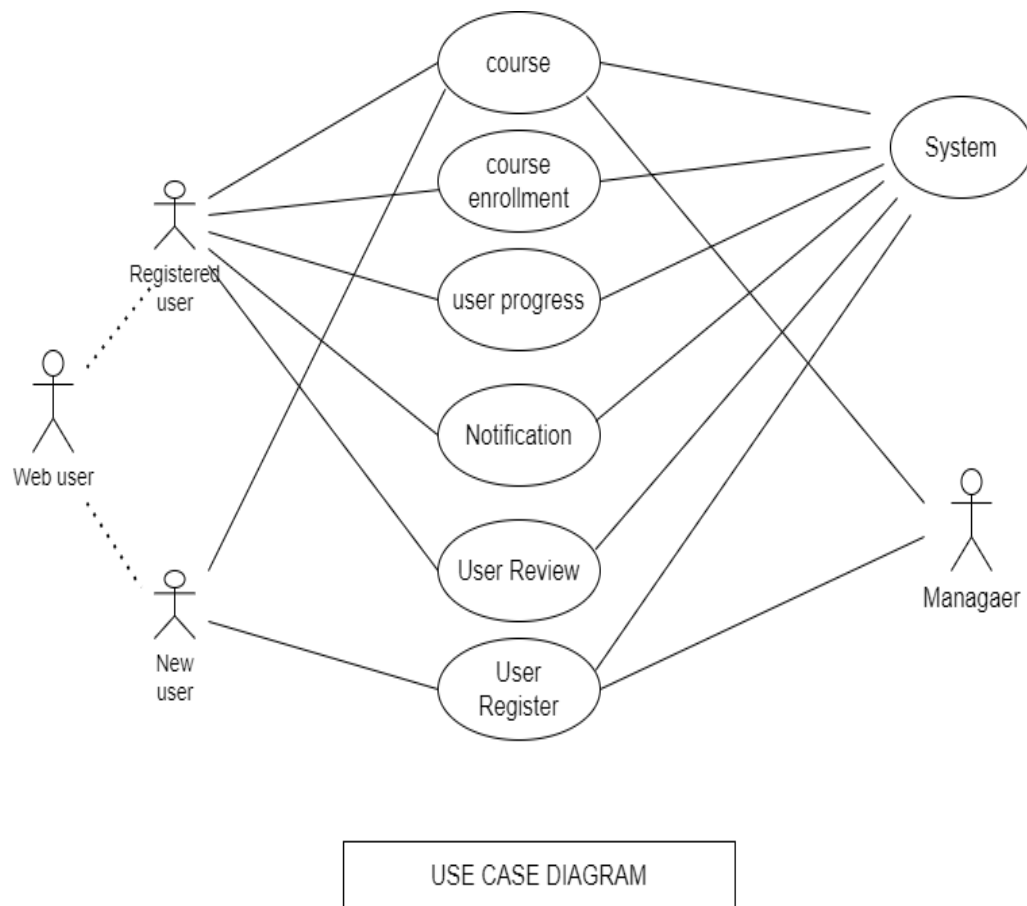
confidentiality of personal information. Personalization stands as our primary focus, allowing members to tailor-make their profiles according to their inclinations, providing a truly one-of-a-kind experience tailored specifically for them.

Record of Customer Progress: Our platform boasts cutting-edge progress tracking capabilities so that clients receive immediate insights into their achievements as well as areas where they could make improvements. Visual representation of these advancements takes the form of interactive charts and graphs, which simplifies monitoring development over time significantly. Furthermore, our system includes features that let users set goals which further encourage them to attain their objectives.

Notification System (Prompt): Promptness plays a vital role in our service provision. Clients can always bank on receiving personalized notifications regarding significant events or tasks. Whether it be through email, SMS or push-notification systems, individuals decide on the channels they prefer for communication and can configure notification settings to align better with their daily routines.

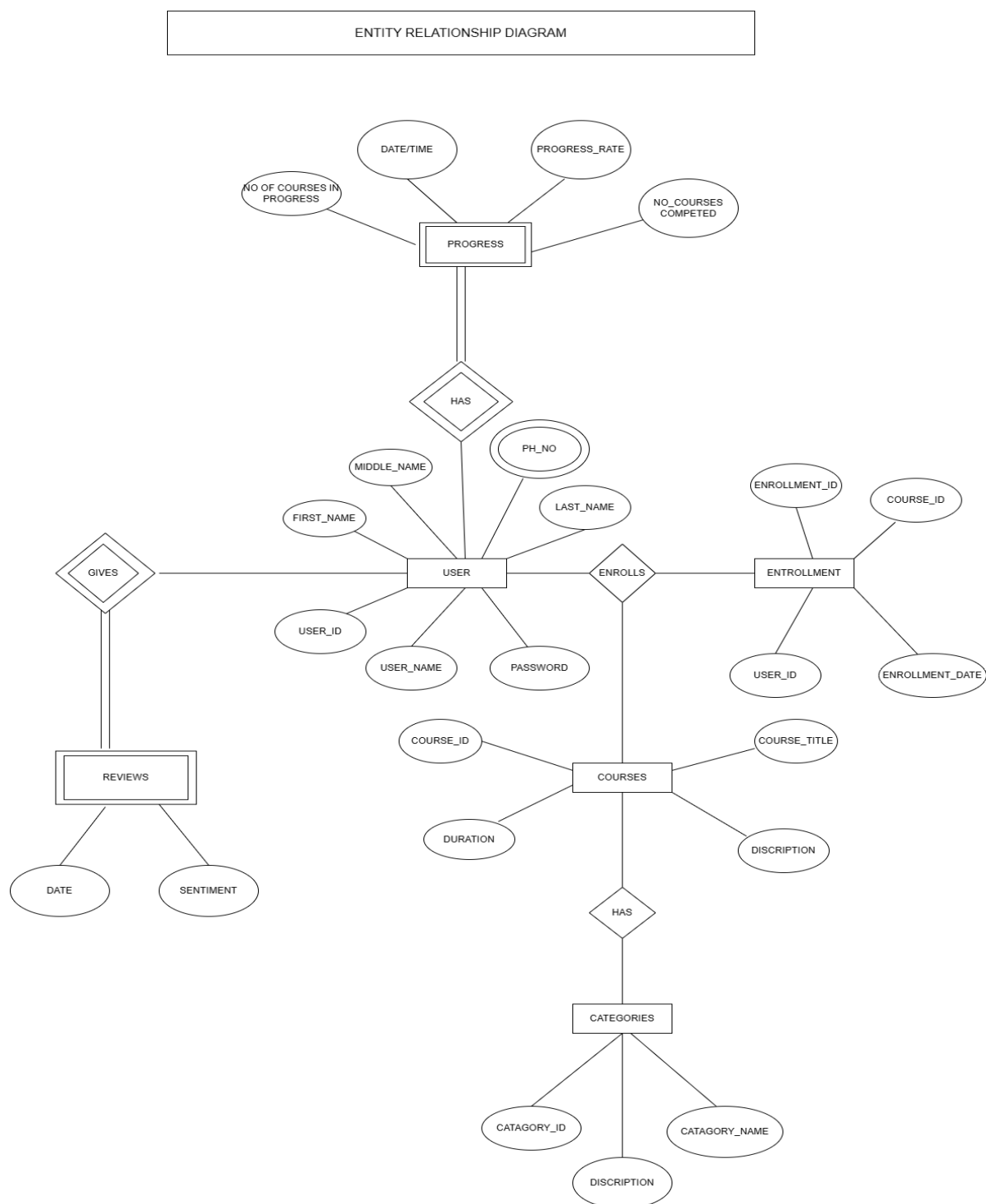
Client Feedback Mechanism: Transparency holds paramount importance within our user feedback setup. Members participate openly by sharing their experiences and viewpoints, contributing towards an ecosystem where trustworthiness thrives. Ratings combined with comprehensive testimonials assist others in making informed decisions whilst ensuring moderation.

b. USE CASE DIAGRAM



4. DATABASE DESIGN

a. ER-DIAGRAM



b. SCHEMA DEFINATION

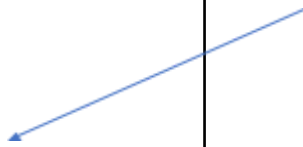
TABLE SCHEMA

USERS

First_name (varchar)	Middle_name (varchar)	Last_name (varchar)	Ph_No (double)	User_name (varchar)	Password (varchar)	User_id (int)
-------------------------	--------------------------	------------------------	-------------------	------------------------	-----------------------	---------------


ENROLLMENT

Enrollment_id (int)	Course_id (int)	User_id (int)	Enrollment_Date (date)
---------------------	--------------------	---------------	---------------------------



COURASES

Course_id (int)	Course_Title (varchar)	Duration (time)	Description (varchar)
-----------------	------------------------	-----------------	--------------------------



CATEGORIES

Course_id (int)	Category (varchar)	Description (varchar)
-----------------	--------------------	-----------------------

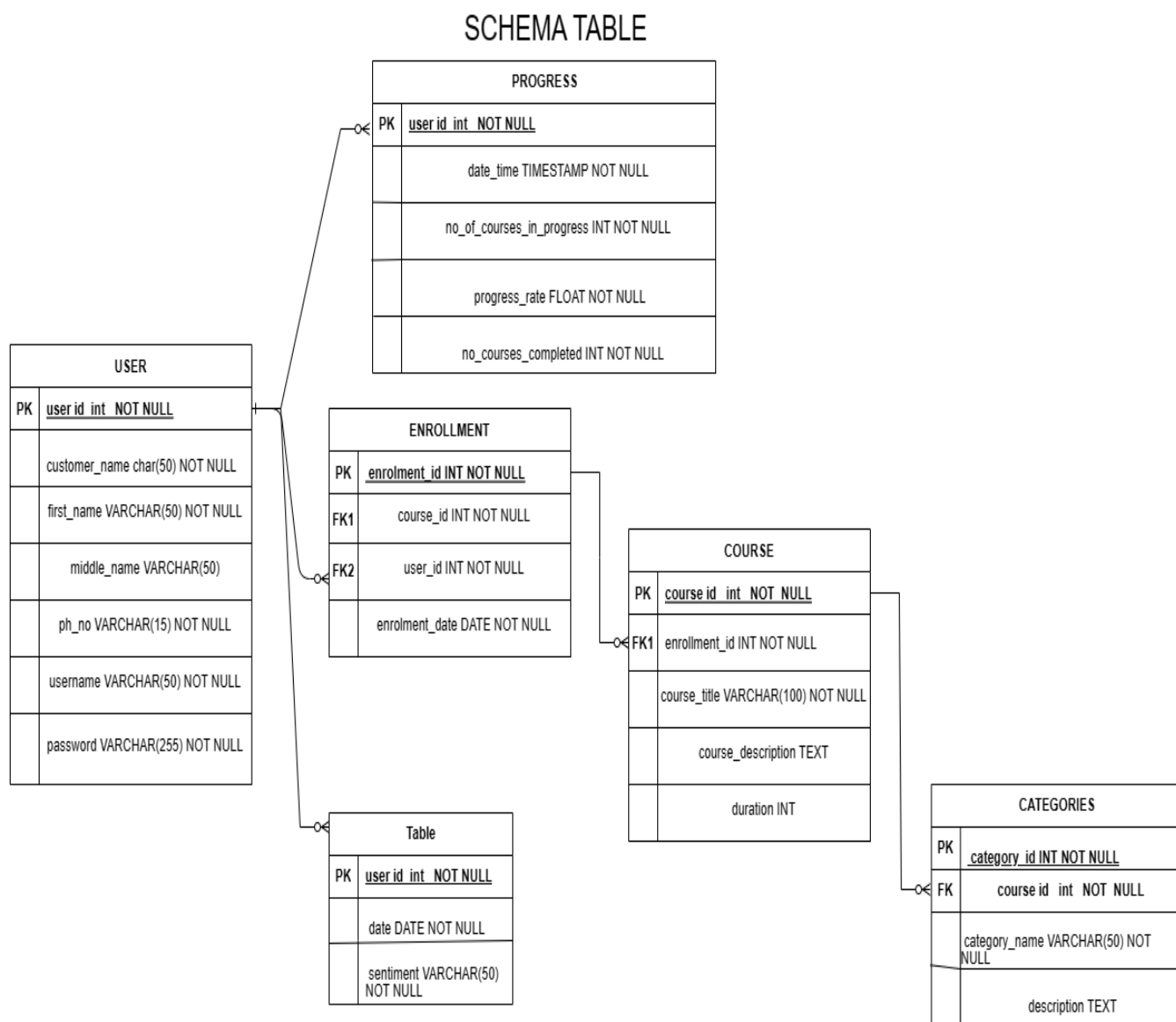
PROGRESS

No_of_courses_in _progress (varchar)	Date/Time (date/time)	Progress_Rate (int)	No_Course_co mpleted (int)	User_id(int)
--	--------------------------	------------------------	-------------------------------	--------------

REVIEWS

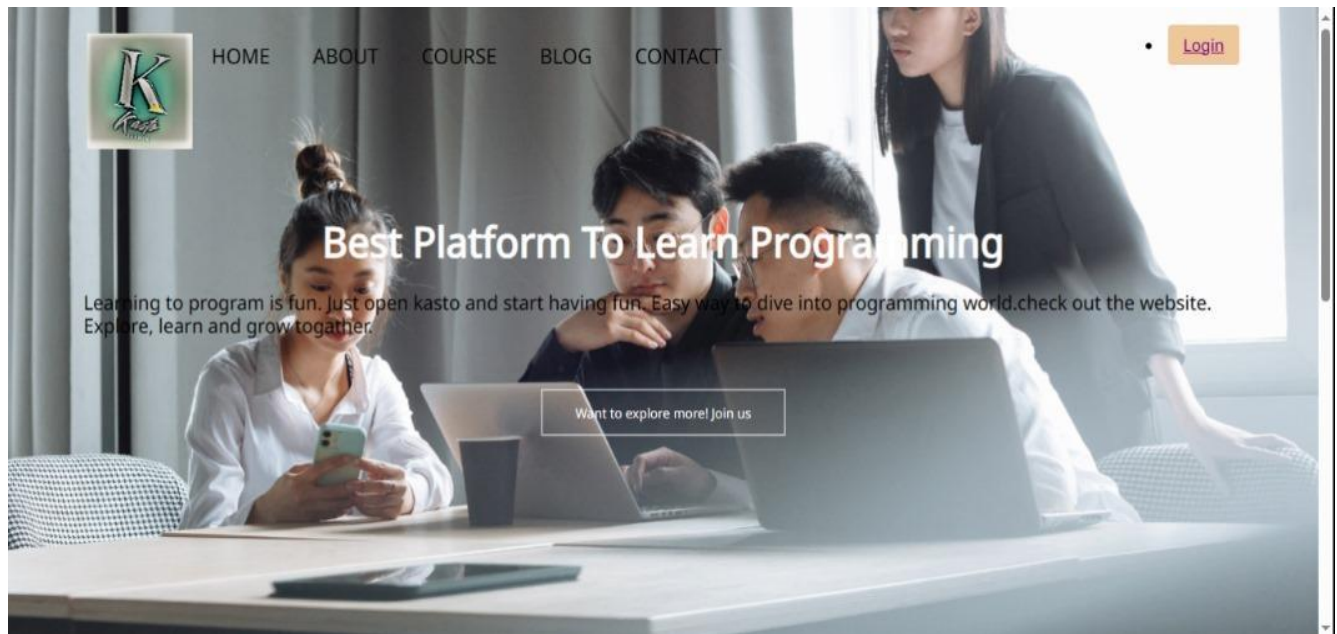
date (date)	review_text (varchar)	User_id (int)
-------------	-----------------------	---------------

c. SCHEMA DIAGRAM



5. CODING AND SCREENSHOTS

HOME PAGE:



COADE:

Home.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Kasto World</title>
  <link rel="stylesheet" href="style1.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
  <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
  <link
    href="https://fonts.googleapis.com/css2?family=EB+Garamond&family=Hind+Madurai&family=Noto+Sans&display=swap" rel="stylesheet">
  <link rel="stylesheet"
    href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"
    integrity="sha512-iecLmask17CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46Zm
    dtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>
<body>
```

```

<section class="header">
  <nav>
    <a href="index1.html"></a>

    <div class="nav-link" id="navLinks">
      <i class="fas fa-times" onclick="hideMenu()"></i>
      <ul>
        <li> <a href="Home.html">HOME</a></li>
        <li> <a href="About.html">ABOUT</a></li>
        <li> <a href="Course.html">COURSE</a></li>
        <li> <a href="Blog.html">BLOG</a></li>
        <li> <a href="Contact.html">CONTACT</a></li>
      </ul>
    </div>
    <div class="nav-action">
      <li><a href="login.html" class="login-b">Login</a></li>
      <!-- <li><a href="#" class="signup-b">Signup</a></li> -->
    </div>
    <i class="fas fa-bars" onclick="showMenu()"></i>
  </nav>
<!-- <center>
  <input type="text" class="search-box" placeholder="Search ">
</center> -->
<div class="text-box">

  <h1>Best Platform To Learn Programming</h1>
  <p> Learning to program is fun. Just open kasto and start having fun.
    Easy way to dive into programming world.check out the website.
    <br>Explore, learn and grow together.
  </p>
  <a href="signup.html" class="hero-btn">Want to explore more! Join us</a>
</div>
</section>
<!-- course -->
<section class="course">
  <h1>Our Courses</h1>
  <h3>we are here to help you grow, Enroll yourself to Kasto now. </h3>
  <div class="row">
    <div class="course-col">
      <h3>Front-end Development</h3>
      <p> 1. HTML (Hypertext Markup Language)<br>
        2. CSS (Cascading Style Sheets)<br>
        3. JavaScript
      </p>
    </div>
    <div class="course-col">
      <h3>Back-end Development</h3>
      <p>
        1. C <br>
        2. C++ <br>
        5. Java<br>
        3. Python<br>

```

```

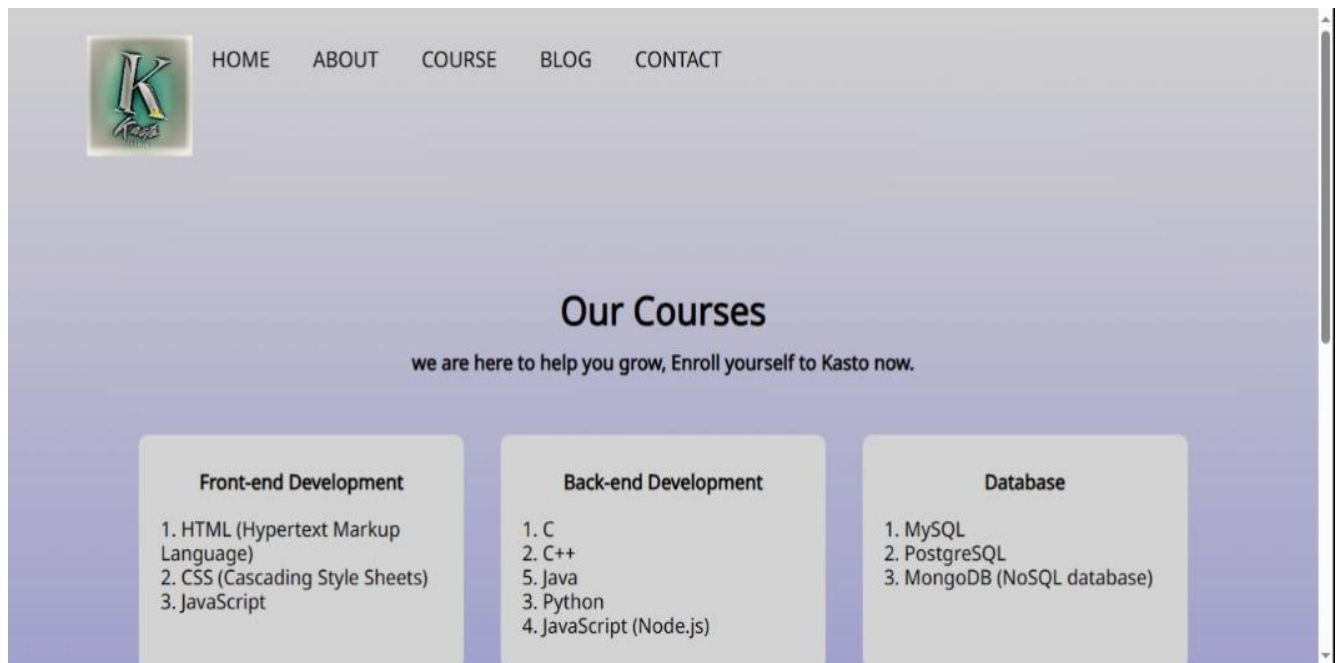
        4. JavaScript (Node.js)<br>
    </p>
</div>
<div class="course-col">
    <h3>Database</h3>
    <p>
        1. MySQL <br>
        2. PostgreSQL<br>
        3. MongoDB (NoSQL database)
    </p>
</div>
</div>
</section>

<section class="footer">
    <h4>About Us</h4>
    <p>
        Start your programming journey with Kasto today and unlock
        the world of endless possibilities.<br> Empower yourself with the skills to
build
        innovative applications, solve complex problems, and thrive in the digital age
    </p>

    <div class="icons">
        <i class="fas fa-brands fa-square-facebook"></i>
        <i class="fas fa-brands fa-instagram"></i>
        <i class="fas fa-brands fa-square-twitter"></i>
        <i class="fas fa-brands fa-linkedin"></i>
    </div>
</section>
<!-- JavaScript for Toggle Menu -->
<script>
    var navLinks = document.getElementById("navLinks");
    function showMenu(){
        navLinks.style.right = "0";
    }
    function hideMenu(){
        navLinks.style.right = "-200px";
    }
</script>
</body>
</html>

```

Course page:



Code:

Course.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Kasto World</title>
  <link rel="stylesheet" href="style1.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=EB+Garamond&family=Hind+Madurai&family=
Noto+Sans&display=swap" rel="stylesheet">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"
integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46Zm
dtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>
<body>
  <section class="coursepage">
    <nav>
      <a href="index1.html"></a>

      <div class="nav-link" id="navLinks">
        <i class="fas fa-times" onclick="hideMenu()"></i>
        <ul>
          <li> <a href="Home.html">HOME</a></li>
```

```

        <li> <a href="About.html">ABOUT</a></li>
        <li> <a href="Course.html">COURSE</a></li>
        <li> <a href="Blog.html">BLOG</a></li>
        <li> <a href="Contact.html">CONTACT</a></li>
    </ul>
</div>
<i class="fas fa-bars" onclick="showMenu()"></i>
</nav>
<!-- course -->
<section class="course">
    <h1>Our Courses</h1>
    <h3>we are here to help you grow, Enroll yourself to Kasto now. </h3>
    <div class="row">
        <div class="course-col">
            <h3>Front-end Development</h3>
            <p> 1. HTML (Hypertext Markup Language)<br>
                2. CSS (Cascading Style Sheets)<br>
                3. JavaScript
            </p>
        </div>
        <div class="course-col">
            <h3>Back-end Development</h3>
            <p>
                1. C <br>
                2. C++ <br>
                5. Java<br>
                3. Python<br>
                4. JavaScript (Node.js)<br>
            </p>
        </div>
        <div class="course-col">
            <h3>Database</h3>
            <p>
                1. MySQL <br>
                2. PostgreSQL<br>
                3. MongoDB (NoSQL database)
            </p>
        </div>
    </div>

    </div>
    <div class="other-courses" >
        <h1>OTHER COURSES</h1>
        <p>
            1.Linux <br>
            2.Descrete Math <br>
            3.Computer Fundamentals <br>
            4.English<br>
        </p>
    </div>
<br>
</section>

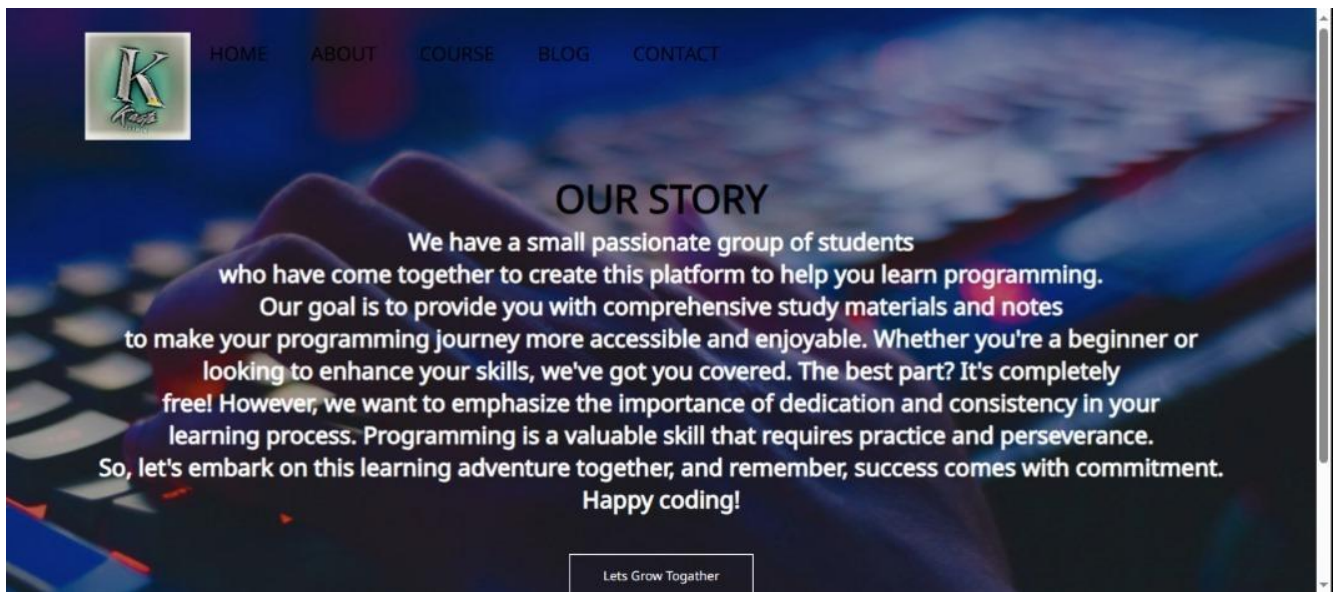
```

```

</section>
<section class="footer">
  <h4>About Us</h4>
  <p>
    Start your programming journey with Kasto today and unlock
    the world of endless possibilities.<br> Empower yourself with the skills to
build
    innovative applications, solve complex problems, and thrive in the digital age
  </p>
  <div class="icons">
    <i class="fas fa-brands fa-square-facebook"></i>
    <i class="fas fa-brands fa-instagram"></i>
    <i class="fas fa-brands fa-square-twitter"></i>
    <i class="fas fa-brands fa-linkedin"></i>
  </div>
</section>
<!-- JavaScript for Toggle Menu -->
<script>
  var navLinks = document.getElementById("navLinks");
  function showMenu(){
    navLinks.style.right = "0";
  }
  function hideMenu(){
    navLinks.style.right = "-200px";
  }
</script>
</body>
</html>

```

ABOUT PAGE:



CODE:

About.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Kasto World</title>
  <link rel="stylesheet" href="style1.css">
  <link rel="preconnect" href="https://fonts.googleapis.com">
<link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
<link
href="https://fonts.googleapis.com/css2?family=EB+Garamond&family=Hind+Madurai&family=
Noto+Sans&display=swap" rel="stylesheet">
<link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"
integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46Zm
dtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>
<body>
  <section class="homepage">
    <nav>
      <a href="index1.html"></a>

    <div class="nav-link" id="navLinks">
      <i class="fas fa-times" onclick="hideMenu()"></i>
      <ul>
        <li> <a href="Home.html">HOME</a></li>
        <li> <a href="About.html">ABOUT</a></li>
        <li> <a href="Course.html">COURSE</a></li>
        <li> <a href="Blog.html">BLOG</a></li>
```

```

        <li> <a href="Contact.html">CONTACT</a></li>
    </ul>
</div>
<i class="fas fa-bars" onclick="showMenu()"></i>
</nav>
<div class="about">
    <h1>OUR STORY</h1>
    <h2> We have a small passionate group of students<br>
        who have come together to create this platform to help you learn
programming.<br>
        Our goal is to provide you with comprehensive study materials and
notes<br>
        to make your programming journey more accessible and enjoyable. Whether
you're a beginner or <br>
        looking to enhance your skills, we've got you covered. The best part? It's
completely<br>
        free! However, we want to emphasize the importance of dedication and
consistency in your <br>
        learning process. Programming is a valuable skill that requires practice
and perseverance.<br>
        So, let's embark on this learning adventure together, and remember,
success comes with commitment.<br>
                                Happy coding!
    </h2>
    <a href="login.html" class="hero-btn">Lets Grow Together</a>
</div>
</div>
</section>
<section class="footer">
    <h4>About Us</h4>
    <p>
        Start your programming journey with Kasto today and unlock
        the world of endless possibilities.<br> Empower yourself with the skills to
build
        innovative applications, solve complex problems, and thrive in the digital age
    </p>
    <div class="icons">
        <i class="fas fa-brands fa-square-facebook"></i>
        <i class="fas fa-brands fa-instagram"></i>
        <i class="fas fa-brands fa-square-twitter"></i>
        <i class="fas fa-brands fa-linkedin"></i>
    </div>
</section>
<!-- JavaScript for Toggle Menu -->
<script>
    var navLinks = document.getElementById("navLinks");

    function showMenu(){
        navLinks.style.right = "0";
    }
    function hideMenu(){
        navLinks.style.right = "-200px";
    }
</script>

```

```

    }
  </script>
</body>
</html>

```

Style.css

```

*{
  margin: 0;
  padding: 0;
  font-family: 'Noto Sans', sans-serif;
}

.header{
  min-height: 100vh;
  width:100%;
  background-image: url('webimage/firstpage.png');
  background-size: cover;
  background-position: center;
  position: relative;
}

nav{
  display: flex;
  padding: 2% 6%;
  justify-content: space-between ;
  text-align: center;
}

nav img{
  width: 108px;
}

.nav-link{
  flex: 1;
  text-align: left;
}

.nav-link ul li{
  list-style: none;
  display: inline-block;
  padding: 8px 20px;
  position: relative;
}

.nav-link ul li a{
  color: black;
  text-decoration: none;
  font-size: 20px;
}

```

```

.nav-link ul li::after{
  content:'';
  width:0%;
  height: 2px;
  background: rgb(113, 113, 233);
  display: block;
  margin: auto;
  transition: 0.5s;
}

.nav-link ul li:hover::after{
  width: 100%;
}

.search-box {
  padding: 8px;
  border: 1px solid #ccc;
  border-radius: 18px;
  background-color: #fff;
  padding-bottom: 8px;
  text-align: center;
  width:35%;
}

.nav-action{
  display: flex;
text-align: right;
}

.login-b {
  padding-left: 120px;
  padding: 8px 16px;
  background-color: #eec69b;
  color:purple;
  border: none;
  border-radius: 4px;
  cursor: pointer;
  transition: background-color 0.2s ease-in-out;
}

.login-b:hover {
  background-color: #e6004c;
}

.signup-b {
  padding-left: 120px;
  padding: 8px 16px;
  background-color: #e7a259;
  color:purple;
  border: none;
  border-radius: 4px;
  cursor: pointer;
}

```

```

    transition: background-color 0.2s ease-in-out;
}

/* Hover effect */
.signup-b:hover {
    background-color: #e6004c;
}

.text-box{
    width: 90%;
    color: #fff ;
    position: absolute ;
    top: 50%;
    left: 50%;
    transform: translate(-50%, -50%) ;
    text-align: center;
}

.text-box h1{
    font-size: 40px;
}

.text-box p{
    margin: 10px 0 40px;
    font-size: 19px;
}

.hero-btn{
    display: inline-block;
    text-decoration: none;
    color: #fff;
    border: 1px solid #fff;
    padding: 12px 34px;
    font-size: 13px;
    background: transparent;
    position: relative;
    cursor: pointer;
}

.hero-btn:hover{
    border: 1px solid #f44336;
    background: gray;
    transition: 0.5s;
}

nav .fas{
    display: none;
}

@media (max-width: 992px){
    .text-box h1{
        font-size: 18px;
    }

    .nav-link ul li{
        display: block;
    }
}

```



```

.nav-link {
  position: absolute;
  background: rgb(191, 222, 235);
  height: 100vh;
  width: 200px;
  top: 0;
  right: -200px;
  text-align: left;
  z-index: 2;
  transition: 1s;
}
nav .fas{
  display: block;
  color: black;
  margin: 9px;
  font-size: 30px;
  cursor: pointer;
}

  .nav-link ul{
    padding: 30px;
  }

  .row{
    flex-direction: column;
  }
  .homepage{
    height: 230vh;
  }
.about h1{
  font-size: 25px;
}
.about h2{
  font-size: 12px;
}

}
/* courses */
.course{
  width: 80%;
  margin: auto;
  text-align: center;
  padding-top: 84px;
}
h1{
  font-size: 36px;
  font-weight: 600;
}
p{
  color: black;
  font-size: 19px;
}

```

```

    font-weight: 300;
    line-height: 22px;
    padding: 10px;
    text-align: left;
}

.row{
    margin-top: 5%;
    display: flex;
    justify-content: space-between;
}

.course-col{
    flex-basis: 31%;
    background: lightgray;
    border-radius: 10px;
    margin-bottom: 10%;
    padding: 20px 12px;
    box-sizing: border-box;
    transition: 0.5s;
}

h3{
    text-align: center;
    font-weight: 600;
    margin: 10px 0;
}

.course-col:hover{
    box-shadow: 0 0 20px 0px rgb(0,0,0,0.5);
}

.footer{
    font-size: 23px;
    text-align: center;
    background-color: rgb(240, 243, 246);
    padding: 6px;
    position: relative;
}

.footer p{
    font-size: 15px;
    text-align: center;
}

.icons .fas{
    padding: 12px;
    cursor: pointer;
    margin: 0, 13px;
    color: rgb(52, 52, 81);
}

/* about us page */
.homepage{
    background-image: url(webimage/first.png);
    height: 100vh;
    width: 100%;
    text-align: center;
    background: cover;
}

```

```

    background-position:center ;
}

.about{
    color:#fff;
}
.about h1{
    color:black;
    font-size:40px;
}
.about a{
    top: 40px;
}
/* course page */
.coursepage{
    background: linear-gradient(to bottom, rgb(209, 208, 208), rgb(128, 128, 202));
}
.other-courses{
    flex-basis: 31%;
    background: lightgray;
    border-radius: 10px;
    margin-bottom: 10%;
    padding: 15px 12px;
    box-sizing: border-box;
    transition:0.5s;
}
}
.other-courses p{
    padding-left:390px;
}
/* for signup page */
.signup-box {
    width: 300px;
    margin: 20px auto; /* Center the signup box on the page with some top and bottom
margin */
    padding: 20px;
    background-color: white;
    border-radius: 10px; /* Add rounded corners to the signup box */
    box-shadow: 0px 0px 10px 0px rgba(0, 0, 0, 0.1); /* Add a subtle shadow effect */
}

.signup-box input[type="text"], .signup-box input[type="email"],
.signup-box input[type="password"]{
    width: 100%; /* Make the input fields 100% wide */
    padding: 10px;
    margin-bottom: 15px; /* Add space between input fields */
    border: 1px solid #ccc;
    border-radius: 5px;
    box-sizing: border-box;
}
.signup-box button {

```

```

width: 100%; /* Make the button 100% wide */
padding: 10px;
background-color: #4caf50; /* Set a green color for the button */
color: white;
border: none;
border-radius: 5px;
cursor: pointer;
}
.signup-box button:hover {
  background-color: #45a049; /* Darken the button color on hover */
}
/* Other existing styles remain unchanged */
/* for login page */
.login-box {
  width: 300px;
  margin: 20px auto;
  padding: 20px;
  background-color: white;
  border-radius: 10px;
  box-shadow: 0px 0px 10px 0px rgba(0, 0, 0, 0.1);
}
.login-box input[type="text"],
.login-box input[type="password"] {
  width: 100%;
  padding: 10px;
  margin-bottom: 15px;
  border: 1px solid #ccc;
  border-radius: 5px;
  box-sizing: border-box;
}
.login-box button {
  width: 100%;
  padding: 10px;
  background-color: #4caf50;
  color: white;
  border: none;
  border-radius: 5px;
  cursor: pointer;
}
.login-box button:hover {
  background-color: #45a049;
}
.options {
  margin-top: 15px;
  text-align: center;
}
.options p {
  margin: 5px 0;
}
.options a {
  color: #4caf50;
  text-decoration: none;
}

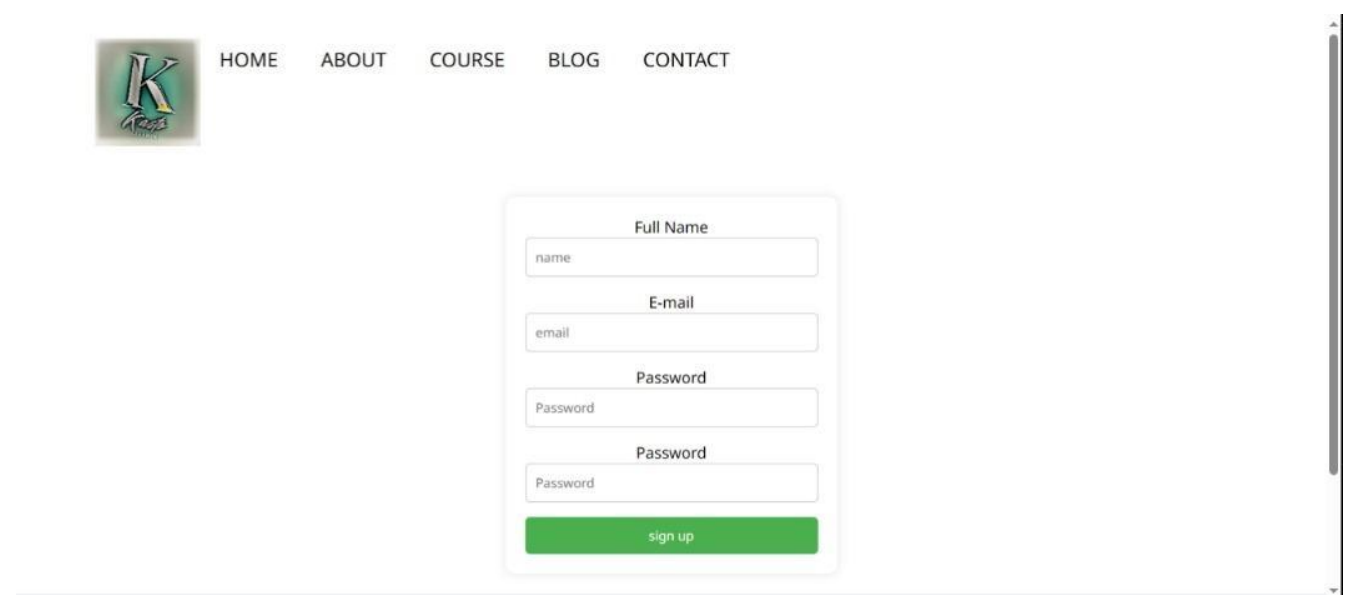
```

```

    font-weight: bold;
}
.options a:hover {
    text-decoration: underline;
}

```

SIGNUP PAGE:



The screenshot shows a web page with a navigation bar at the top. On the left is a logo with the letter 'K'. To its right are links: HOME, ABOUT, COURSE, BLOG, and CONTACT. Below the navigation bar is a large, light gray box containing a signup form. The form has the following fields: 'Full Name' with a placeholder 'name', 'E-mail' with a placeholder 'email', 'Password' with a placeholder 'Password', and another 'Password' field with a placeholder 'Password'. At the bottom of the form is a green button labeled 'sign up'.

CODE:

Signup.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Kasto World</title>
    <link rel="stylesheet" href="style1.css">
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=EB+Garamond&family=Hind+Madurai&family=
Noto+Sans&display=swap" rel="stylesheet">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"

```

```

integrity="sha512-iecdLmaskl7CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtmFIB46Zm
dtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>
<body>
  <section class="signup">
    <nav>
      <a href="index1.html"></a>
    <div class="nav-link" id="navLinks">
      <i class="fas fa-times" onclick="hideMenu()"></i>
      <ul>
        <li> <a href="Home.html">HOME</a></li>
        <li> <a href="About.html">ABOUT</a></li>
        <li> <a href="Course.html">COURSE</a></li>
        <li> <a href="Blog.html">BLOG</a></li>
        <li> <a href="Contact.html">CONTACT</a></li>
      </ul>
    </div>
    <i class="fas fa-bars" onclick="showMenu()"></i>
  </nav>
  <form action="signup.php" method="post">
  <section>
    <center>
      <div class="signup-box">
        Full Name
        <input type="text" placeholder="name" id="full_name" name="full_name" required>
        Username
        <input type="email" placeholder="username" id="email" name="email" required>
        Password
        <input type="password" placeholder="password" id="password" name="password"
required>
        Confirm Password
        <input type="password" placeholder="password" id="confirm_password"
name="confirm_password" required>
        <button type="submit">sign up</button>
        <p>Already have an account? <a href="login.html">Login</a></p>
      </div>
    </center>
  </section>
</form>
</section>
<section class="footer">
  <h4>About Us</h4>
  <p>
    Start your programming journey with Kasto today and unlock
    the world of endless possibilities.<br> Empower yourself with the skills to
    build
    innovative applications, solve complex problems, and thrive in the digital age
  </p>

  <div class="icons">
    <i class="fas fa-brands fa-square-facebook"></i>
    <i class="fas fa-brands fa-instagram"></i>

```

```

        <i class="fas fa-brands fa-square-twitter"></i>
        <i class="fas fa-brands fa-linkedin"></i>
    </div>
</section>
<!-- JavaScript for Toggle Menu -->
<script>
    var navLinks = document.getElementById("navLinks");
    function showMenu(){
        navLinks.style.right = "0";
    }
    function hideMenu(){
        navLinks.style.right = "-200px";
    }
</script>
</body>
</html>

```

Signup.php

```

<?php
include('connection.php');
if ($_SERVER["REQUEST_METHOD"] == "POST") {
    // Validate and sanitize user input
    $fullName = htmlspecialchars($_POST["full_name"]);
    $email = filter_var($_POST["email"], FILTER_SANITIZE_EMAIL);
    $password = password_hash($_POST["password"], PASSWORD_DEFAULT); // Hash the
password for security

    $confirm_password = password_verify($_POST["confirm_password"], $password);
    if ($password == $confirm_password) {
        // do something with the password, such as hashing, storing, etc.
        // Database connection
        $conn = createConnection();
        // Prepare and execute SQL query to insert user data into the database
        $stmt = $conn->prepare("INSERT INTO users (name, email, password) VALUES (?, ?,
?);");
        $stmt->bind_param("sss", $fullName, $email, $password);

        // Check if the query executed successfully
        if ($stmt->execute()) {
            echo "Registration successful!";
            // Redirect to a success page or login page after successful registration
            header("Location: login.html");
            exit();
        } else {
            echo "Registration unsuccessful!";
            echo "Error: " . $stmt->error;
        }

        $stmt->close();
    }
}

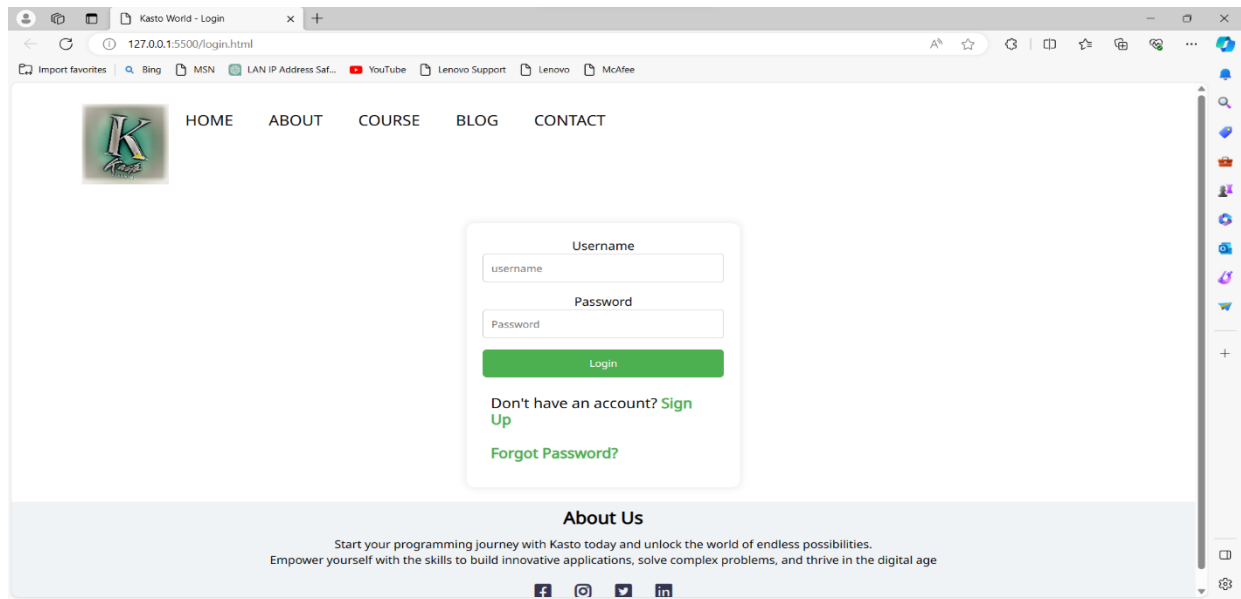
```

```

    $conn->close();
} else {
    // display an error message, such as "Passwords do not match"
    echo " password doesnot match";
}
}
}
?>

```

LOGIN PAGE:



CODE:

Login.html

```

<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Kasto World - Login</title>
    <link rel="stylesheet" href="style1.css">
    <!-- Include your other stylesheets and external resources here -->
    <link rel="preconnect" href="https://fonts.googleapis.com">
    <link rel="preconnect" href="https://fonts.gstatic.com" crossorigin>
    <link
href="https://fonts.googleapis.com/css2?family=EB+Garamond&family=Hind+Madurai&family=
Noto+Sans&display=swap" rel="stylesheet">
    <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.4.0/css/all.min.css"
integrity="sha512-iecLmask17CVkqkXNQ/ZH/XLlvWZOJyj7Yy7tcenmpD1ypASozpmT/E0iPtMFIB46Zm
dtAc9eNBvH0H/ZpiBw==" crossorigin="anonymous" referrerpolicy="no-referrer" />
</head>

```



```

<body>
  <section class="signup">
    <nav>
      <!-- Your navigation content here -->
      <a href="index1.html"></a>

      <div class="nav-link" id="navLinks">
        <i class="fas fa-times" onclick="hideMenu()"></i>
        <ul>
          <li> <a href="Home.html">HOME</a></li>
          <li> <a href="About.html">ABOUT</a></li>
          <li> <a href="Course.html">COURSE</a></li>
          <li> <a href="Blog.html">BLOG</a></li>
          <li> <a href="Contact.html">CONTACT</a></li>
        </ul>
      </div>
      <i class="fas fa-bars" onclick="showMenu()"></i>
    </nav>

    <form action="login.php" method="post">
      <section>
        <center>
          <div class="login-box">
            Username
            <input type="text" placeholder="username" id="email"
name="email" required>
            Password
            <input type="password" placeholder="Password" id="password"
name="password" required>
            <!-- Add the user role selection here -->
            <!-- <label for="userRole">Select your role:</label>
            <select id="userRole" name="userRole">
              <option value="user">User</option>
              <option value="admin">Admin</option>
            </select> -->
            <button type="submit">Login</button>
            <div class="options">
              <p>Don't have an account? <a href="signup.html">Sign
Up</a></p>
              <p><a href="forgot_password.html">Forgot Password?</a></p>
            </div>
          </div>
        </center>
      </section>
    </form>
  </section>

  <section class="footer">
    <!-- Footer content here -->
    <h4>About Us</h4>
    <p>

```

Start your programming journey with Kasto today and unlock the world of endless possibilities.
 Empower yourself with the skills to build innovative applications, solve complex problems, and thrive in the digital age

```

<div class="icons">
  <i class="fas fa-brands fa-square-facebook"></i>
  <i class="fas fa-brands fa-instagram"></i>
  <i class="fas fa-brands fa-square-twitter"></i>
  <i class="fas fa-brands fa-linkedin"></i>
</div>
</section>
<!-- JavaScript for Toggle Menu -->
<script>
  var navLinks = document.getElementById("navLinks");

  function showMenu() {
    navLinks.style.right = "0";
  }
  function hideMenu() {
    navLinks.style.right = "-200px";
  }
</script>
</body>
</html>

```

Login.php

```

<?php
// Include your database connection file
include('connection.php');

if ($_SERVER["REQUEST_METHOD"] == "POST") {
  $email = $_POST["email"];
  $password = $_POST["password"];

  // Database connection
  $conn = createConnection();

  $stmt = $conn->prepare("SELECT * FROM users WHERE email = ?");
  $stmt->bind_param("s", $email);
  $stmt->execute();
  $result = $stmt->get_result();

  if ($result->num_rows > 0) {
    $user = $result->fetch_assoc();
    if (password_verify($password, $user['password'])) {

```

```

$userType = $user['usertype'];
if ($userType === 'admin') {
    header("Location: dashboard1.html");

} elseif ($userType === 'user') {
    header("Location: userdashboard.html");

} else {
    header("Location: login.html?error=unknown_user_type");

}
} else {
    header("Location: login.html?error=invalid_password");

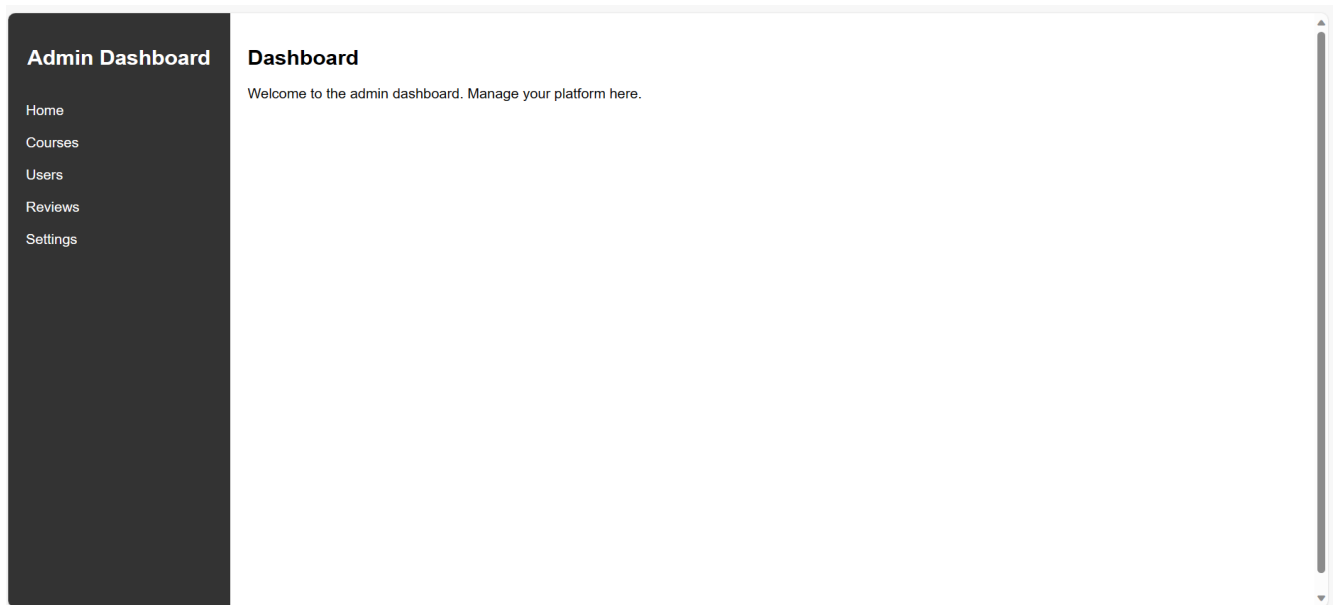
}
} else {
    header("Location: login.html?error=user_not_found");

}

$stmt->close();
$conn->close();
}
?>

```

Admin Dashboard page:



CODE:

Admin_dashboard.html

```

<!DOCTYPE html>
<html lang="en">
<head>

```

```

<meta charset="UTF-8">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Admin Dashboard</title>
<link rel="stylesheet" href="dashboard1.css">
</head>
<body>
  <div class="sidebar">
    <h2>Admin Dashboard</h2>
    <ul>
      <li><a href="#home">Home</a></li>
      <li><a href="upload_course.php">Courses</a></li>
      <li><a href="user_detail_dsh.php">Users</a></li>
      <li><a href="display_reviews.php">Reviews</a></li>
      <li><a href="#settings">Settings</a></li>
    </ul>
  </div>

  <div class="content">
    <h2>Dashboard</h2>
    <p>Welcome to the admin dashboard. Manage your platform here.</p>
  </div>
</body>
</html>

```

Upload course page for admin:

Admin Dashboard - Course Upload

Course Title:

Course Description:

Upload Course File:

No file chosen

Code:

upload_course.php

```

<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">

```

```

<title>Admin Dashboard</title>
<style>
    /* Basic CSS styles - just for illustration purposes */
    body {
        font-family: Arial, sans-serif;
        margin: 0;
        padding: 0;
    }
    .container {
        width: 80%;
        margin: 20px auto;
    }
    form {
        border: 1px solid #ccc;
        padding: 20px;
        border-radius: 5px;
    }
    input[type="text"], textarea, input[type="submit"] {
        width: 100%;
        margin-bottom: 10px;
        padding: 8px;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Admin Dashboard - Course Upload</h1>
        <form method="post" enctype="multipart/form-data">
            <label for="course_title">Course Title:</label>
            <input type="text" id="course_title" name="course_title" required>

            <label for="course_description">Course Description:</label>
            <textarea id="course_description" name="course_description"
required></textarea>

            <label for="course_file">Upload Course File:</label>
            <input type="file" id="course_file" name="course_file" accept=".pdf"
required>

            <input type="submit" name="submit" value="Upload Course">
        </form>

    <?php

        include("connection.php"); // Include the database connection file

        if(isset($_POST['submit'])) {
            $title = $_POST['course_title'];
            $description = $_POST['course_description'];

            // Create the directory if it doesn't exist
            $targetDirectory = "uploads/";

```

```

    if (!is_dir($targetDirectory)) {
        mkdir($targetDirectory, 0777, true); // Create directory with full permissions
        (for testing purposes)
    }

    // Handling file upload
    $targetFile = $targetDirectory . basename($_FILES["course_file"]["name"]);

    if(move_uploaded_file($_FILES["course_file"]["tmp_name"], $targetFile)) {
        echo "<p>Course uploaded successfully!</p>";
        // Here, you can add the code to store course details in your database
        // $title, $description, and $targetFile contain the course information
        $conn = createConnection();

        // Prepare and execute SQL statement to insert course details
        $stmt = $conn->prepare("INSERT INTO courses (title, description, file_path)
VALUES (?, ?, ?)");
        $stmt->bind_param("sss", $title, $description, $targetFile);
        if ($stmt->execute()) {
            echo "<p>Course details saved to the database successfully!</p>";
        }else {
            echo "<p>Error: " . $conn->error . "</p>";
        }

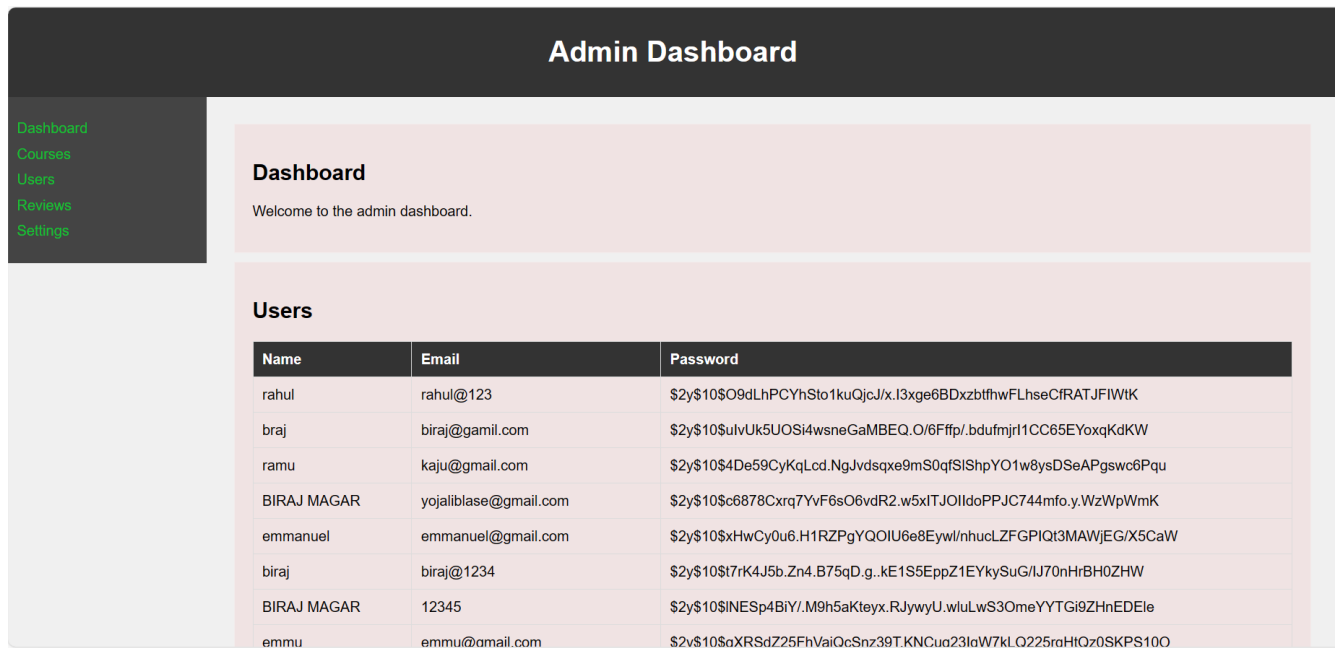
        $stmt->close();
        $conn->close();
    }

    else {
        echo "<p>Sorry, there was an error uploading your file.</p>";
    }
}
?>

</body>
</html>

```

Users page for admin:



CODE:

Featch_users.php

```
<!DOCTYPE html>
<html>
<head>
    <title>Admin Dashboard</title>
    <link rel="stylesheet" type="text" href = " hadmin.css">
</head>
<body>
    <header>
        <h1>Admin Dashboard</h1>
    </header>
    <nav>
        <ul>
            <li><a href="#">Dashboard</a></li>
            <li><a href="#">Users</a></li>
            <li><a href="display_reviews.php">Reports</a></li>
            <li><a href="#">Settings</a></li>
        </ul>
    </nav>
    <main>
        <section class="widget">
            <h2>Dashboard</h2>
            <p>Welcome to the admin dashboard.</p>
        </section>
        <section class="widget">
            <h2>Users</h2>
```

```

<table>
  <thead>
    <tr>
      <th>Name</th>
      <th>Email</th>
      <th>Password</th>
      <th>Actions</th>
    </tr>
  </thead>
  <tbody>
    <?php
      include 'connection.php';
      $conn = createConnection();

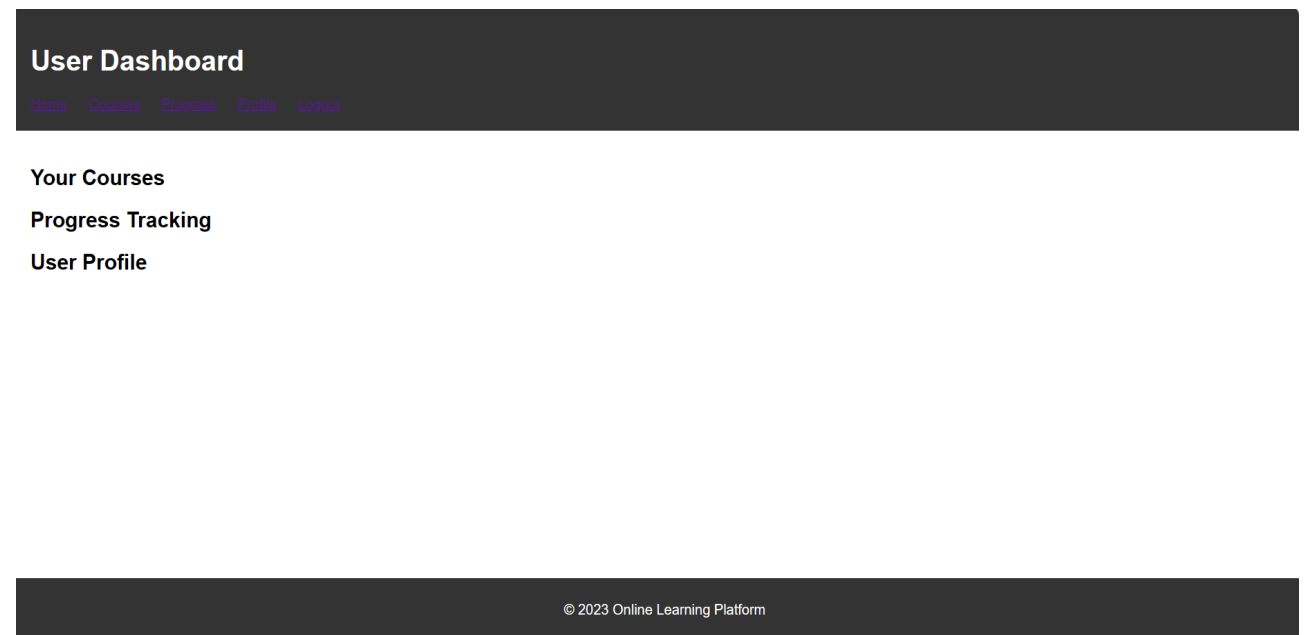
      $sql = "SELECT * FROM users"; // Adjust table name if needed
      $result = $conn->query($sql);

      if ($result->num_rows > 0) {
        while ($row = $result->fetch_assoc()) {
          echo '<tr>';
          echo '<td>' . $row["name"] . '</td>';
          echo '<td>' . $row["email"] . '</td>';
          echo '<td>' . $row["password"] . '</td>';
          echo '<td>';
          echo '<a href="edit_user.php?id=' . $row["id"] . '" class
="edit-link">Edit</a> | ';
          echo '<a href="delete_user.php?id=' . $row["id"] .
'"class="delete-link">Delete</a>';
          echo '</td>';
          echo '</tr>';
        }
      } else {
        echo '<tr><td colspan="4">No data found in the
database.</td></tr>';
      }

      $conn->close();
    ?>
  </tbody>
</table>
</section>
<section class="widget">
  <h2>Reports</h2>
  <!-- Your reports content here -->
</section>
<section class="widget">
  <h2>Settings</h2>
  <!-- Your settings content here -->
</section>
</main>
</body>
</html>

```


Login user dashboard page:



CODE:

Userdashboard.html

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
  <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>User Dashboard</title>
  <link rel="stylesheet" href="dash.css">
</head>
<body>
  <header>
    <h1>User Dashboard</h1>
    <nav>
      <ul>
        <li><a href="#">Home</a></li>
        <li><a href="access_course.php">Courses</a></li>
        <li><a href="#">Progress</a></li>
        <li><a href="#">Profile</a></li>
        <li><a href="#">Logout</a></li>
      </ul>
    </nav>
  </header>
  <main>
    <section class="courses">
```

```

    <h2>Your Courses</h2>
    <div class="course-list">
        <!-- Display user's enrolled courses dynamically -->
        <!-- PHP will be used here to fetch and display user's courses -->
    </div>
</section>
<section class="progress">
    <h2>Progress Tracking</h2>
    <!-- Display user's course progress -->
    <!-- PHP will be used here to fetch and display progress -->
</section>
<section class="profile">
    <h2>User Profile</h2>
    <!-- Display user information -->
    <!-- PHP will be used here to fetch and display user info -->
</section>
</main>
<footer>
    <p>&copy; 2023 Online Learning Platform</p>
</footer>
</body>
</html>

```

Couse page for user:

Available Courses

R Programming

learn r programming

[Download](#) [View](#)

R Programming

learn r programming for data analysis

[Download](#) [View](#)

CODE:

Access_course.php

```
<!DOCTYPE html>
```

```

<html lang="en">
<head>
  <meta charset="UTF-8">
  <title>User Interface - Courses</title>
  <style>
    /* Basic CSS styles */
    body {
      font-family: Arial, sans-serif;
      margin: 0;
      padding: 0;
    }
    .container {
      width: 80%;
      margin: 20px auto;
    }
    .course {
      border: 1px solid #ccc;
      padding: 10px;
      margin-bottom: 10px;
      border-radius: 5px;
    }
    .course h2 {
      margin-top: 0;
    }
    .course p {
      margin-bottom: 10px;
    }
    .download-btn {
      padding: 5px 10px;
      background-color: #007bff;
      color: #fff;
      text-decoration: none;
      border-radius: 3px;
      margin-right: 10px;
    }
    .download-btn:hover {
      background-color: #0056b3;
    }
    .view-btn {
      padding: 5px 10px;
      background-color: #28a745;
      color: #fff;
      text-decoration: none;
      border-radius: 3px;
    }
    .view-btn:hover {
      background-color: #218838;
    }
    .pdf-viewer {
      border: 1px solid #ccc;
      margin-top: 10px;
      border-radius: 5px;
    }
  </style>
</head>
<body>
  <div class="container">
    <div class="course">
      <h2>Course Title</h2>
      <p>Course description</p>
      <a href="#" class="download-btn">Download</a>
      <a href="#" class="view-btn">View</a>
      <div class="pdf-viewer">
        <img alt="PDF viewer placeholder" data-bbox="114 85 539 903"/>
      </div>
    </div>
  </div>
</body>
</html>

```

```

        width: 100%;
        height: 500px;
    }
</style>
</head>
<body>
    <div class="container">
        <h1>Available Courses</h1>
        <div class="courses">
            <?php
                include("connection.php"); // Include the database connection file

                // Retrieve courses from the database
                $conn = createConnection();
                $sql = "SELECT * FROM courses";
                $result = $conn->query($sql);

                if ($result->num_rows > 0) {
                    while ($row = $result->fetch_assoc()) {
                        echo '<div class="course">';
                        echo '<h2>' . $row['title'] . '</h2>';
                        echo '<p>' . $row['description'] . '</p>';
                        echo '<a href="' . $row['file_path'] . '" class="download-btn"
download>Download</a>';
                        echo '<a href="#" onclick="showPDF(\'' . $row['file_path'] . '\')"
class="view-btn">View</a>';
                        echo '<div class="pdf-viewer" id="pdfViewer_' . $row['id'] . '"
style="display: none;"></div>';
                        echo '</div>';
                    }
                } else {
                    echo "<p>No courses available.</p>";
                }

                $conn->close();
            ?>
        </div>
    </div>

    <script>
        function showPDF(filePath) {
            var pdfViewer = document.createElement('iframe');
            pdfViewer.src = 'https://docs.google.com/viewer?url=' + filePath +
'&embedded=true';
            pdfViewer.classList.add('pdf-viewer');

            var courseId = filePath.split('/').pop().split('.')[0];
            var pdfViewerDiv = document.getElementById('pdfViewer_' + courseId);
            pdfViewerDiv.innerHTML = '';
            pdfViewerDiv.appendChild(pdfViewer);
            pdfViewerDiv.style.display = 'block';
        }
    </script>

```

```
    </script>  
</body>  
</html>
```

6. CONCLUSION