

# **Prabalya - Website**

**A Project Report**

*Submitted by*

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*Under the Guidance of*

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*in partial fulfillment for the award of the*

*degree of*

**BACHELORS OF TECHNOLOGY**

**CS**

**At**



**SCHOOL OF TECHNOLOGY MANAGEMENT AND  
ENGINEERING, NAVI MUMBAI**

**April & 2023**

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Roll No: - A051

Place: -

Date: - 07/04/2023

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This is to certify that the project entitled “E-Learning Website” is the bonafide work carried out by Satyam Shukla of B-Tech, School of Technology, Management & Engineering, NMIMS, Navi Mumbai, during the IVth semester of the academic year 2023 , in partial fulfillment of the requirements for the award of the Degree of Bachelors of Engineering as per the norms prescribed by NMIMS. The project work has been assessed and found to be satisfactory.

Pranav more

<Name of the Mentor>

Internal Mentor

---

Examiner 1

---

Examiner 2

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## **Abstract**

An e-learning website is a virtual platform that delivers educational resources and courses to learners worldwide. It is an online medium that employs digital technologies to provide an interactive and engaging learning experience to students, making education more accessible and flexible. The website offers a vast range of educational resources and materials, including videos, podcasts, interactive quizzes, assignments, and assessments. It caters to different learning styles and allows students to learn at their own pace and convenience. The e-learning website offers a diverse curriculum, covering various subjects, from academic courses to professional development programs, to cater to the learners' educational needs. The website is a convenient and effective way to enhance learning, and it provides students with an opportunity to acquire knowledge and skills, irrespective of their geographic location.

# **Chapter 1**

## **Introduction**

Welcome to our e-learning website, where we bring education to your fingertips. Our platform offers a dynamic and interactive learning experience, tailored to meet the needs of students worldwide. With the world constantly changing and the need for flexibility and accessibility, we believe that e-learning is the future of education. Our website provides a comprehensive range of educational resources, including academic courses, professional development programs, and personal development courses. We utilize digital technologies to create an immersive learning environment that fosters critical thinking, creativity, and innovation. Our website offers a diverse range of multimedia tools, such as videos, animations, quizzes, and assessments, that engage students and enhance their learning experience. We understand that everyone has a unique learning style, and our platform provides personalized learning pathways, allowing students to learn at their own pace and convenience. Our e-learning website is designed to cater to the needs of students worldwide, providing a convenient and effective way to enhance their knowledge and skills. Join us on this educational journey and let us help you achieve your learning goals.

### **1.1 Project Overview: -**

The e-learning website made with PHPMyAdmin is an online platform that offers a comprehensive range of educational resources and courses to learners worldwide. The website is designed using PHP scripting language, and the data is stored in MySQL databases, which are managed through the PHPMyAdmin interface. The platform offers a dynamic and interactive learning experience, with a user-friendly interface that allows for easy navigation and access to educational materials.

The e-learning website made with PHPMyAdmin offers a vast range of educational resources, including academic courses, professional development programs, and personal development courses. The platform utilizes digital technologies to create an immersive learning environment, with multimedia tools such as videos, animations, quizzes, and assessments that engage students and enhance their learning experience.

The website also offers personalized learning pathways, allowing students to learn at their own pace and convenience. The platform's database management system ensures that student progress and assessment results are accurately recorded and easily accessible to both students and instructors.

Instructors can use the platform to create and manage courses, assign assignments and assessments, monitor student progress, and provide feedback. The e-learning website made

with PHPMyAdmin also allows for communication and collaboration among students and instructors, creating a virtual classroom experience.

Overall, the e-learning website made with PHPMyAdmin is a comprehensive and efficient platform that provides students with an engaging and interactive learning experience while allowing instructors to manage and monitor their progress accurately.

## **1.2 Hardware Specifications: -**

- 2 RAM: 8GB or higher
- 3 Hard drive: 256GB SSD or higher
- 4 Network: Gigabit Ethernet or Wi-Fi 802.11ac
- 5 Monitor: 21-inch or larger high-resolution display
- 6 Input devices: Keyboard and mouse, or touchpad
- 7 Processor: Intel Core i5 or higher
- 8 Database server: Xampp
- 9 Operating system: Windows

## **1.3 Software Specifications: -**

- 1 Programming languages: HTML, CSS, JavaScript, Node.js, Bootstrap
- 2 Front-end frameworks: Angular.js
- 3 Back-end frameworks: PHP
- 4 Database: PHP myadmin
- 5 Web server: Xampp & PHP myadmin
- 6 Operating system: Window

## **Technologies Used**

- 1 PHP Myadmin: It is a web-based database management tool that allows users to manage and manipulate their MySQL databases through a graphical user interface. It provides a user-friendly interface that makes it easy to manage database operations without having to use command-line tools or complicated programming.
- 2 XAMPP: It is a cross-platform web development solution that provides an easy-to-install bundle of Apache web server, MySQL database, PHP, and Perl. It is a free, open-source software package that allows users to set up a local web server environment on their computer for web development and testing purposes.
- 3 Bootstrap: a front-end framework for building responsive websites and beautifying a website.
- 4 HTML, CSS, and JavaScript - for creating the user interface and implementing client-side functionality.
- 5 A front-end framework Angular - for building reusable components and managing the application state.
- 6 Server connectivity using cmd and Hyper Terminal on local Host 8000.

## **Analysis and Design**

**Requirements gathering:** The first step in the analysis phase is to gather the requirements for the website. This involves understanding the goals and objectives of the website, the target audience, and the features that need to be included.

**System analysis:** Once the requirements are gathered, the next step is to analyze the system architecture and identify the components that need to be developed. This involves identifying the different subsystems, components, and modules required for the website and their interactions with each other.

**Design:** After analyzing the system architecture, the next step is to design the system. This involves creating a high-level design of the system, defining the interfaces between different components, and specifying the data formats and protocols used for communication between different components.

**Implementation:** After the design is finalized, the next step is to implement the system. This involves developing the different components of the system, integrating them, and testing the system to ensure that it meets the requirements.

**Testing:** Once the system is implemented, it is important to test it thoroughly to ensure that it is working correctly and meets the requirements. Testing can include unit testing, integration testing, system testing, and user acceptance testing.

**Deployment and maintenance:** After the system has been tested and verified, it can be deployed to a production environment. Ongoing maintenance and support are also important to ensure that the system continues to function correctly and meets the needs of its users.

## Codes

**Validation Code: -**

a. Register.php:-

```
<?php
    //Import PHPMailer classes into the global namespace
    //These must be at the top of your script, not inside a function
    use PHPMailer\PHPMailer\PHPMailer;
    use PHPMailer\PHPMailer\SMTP;
    use PHPMailer\PHPMailer\Exception;

    session_start();
    if (isset($_SESSION['SESSION_EMAIL'])) {
        header("Location: welcome.php");
        die();
    }

    //Load Composer's autoloader
    require 'vendor/autoload.php';

    include 'config.php';
    $msg = "";

    if (isset($_POST['submit'])) {
        $name = mysqli_real_escape_string($conn, $_POST['name']);
        $email = mysqli_real_escape_string($conn, $_POST['email']);
        $password = mysqli_real_escape_string($conn, md5($_POST['password']));
        $confirm_password = mysqli_real_escape_string($conn, md5($_POST['confirm-
password']));
        $code = mysqli_real_escape_string($conn, md5(rand()));

        if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE
email='{$email}'")) > 0) {
            $msg = "<div class='alert alert-danger'>{$email} - This email address
has been already exists.</div>";
        } else {
            if ($password === $confirm_password) {
                $sql = "INSERT INTO users (name, email, password, code) VALUES
('{$name}', '{$email}', '{$password}', '{$code}')";
                $result = mysqli_query($conn, $sql);

                if ($result) {
                    echo "<div style='display: none;'>";
                }
            }
        }
    }
}
```

```

    //Create an instance; passing `true` enables exceptions
    $mail = new PHPMailer(true);

    try {
        //Server settings
        $mail->SMTPDebug =
            SMTP::DEBUG_SERVER;                                //Enable verbose debug output
        $mail-
            >isSMTP();                                         //Send using SMTP
        $mail->Host          =
            'smtp.gmail.com';                                //Set the SMTP server to send through
        $mail->SMTPAuth     =
            true;                                            //Enable SMTP authentication
        $mail->Username     =
            'YOUR_EMAIL_HERE';                            //SMTP username
        $mail->Password     =
            'YOUR_PASSWORD_HERE';                         //SMTP password
        $mail->SMTPSecure =
            PHPMailer::ENCRYPTION_SMTPS;                  //Enable implicit TLS encryption
        $mail->Port         =
            465;                                            //TCP port to connect to; use 587 if you
have set `SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS`

        //Recipients
        $mail->setFrom('YOUR_EMAIL_HERE');
        $mail->addAddress($email);

        //Content
        $mail-
            >isHTML(true);                               //Set email format to HTML
        $mail->Subject = 'no reply';
        $mail->Body   = 'Here is the verification link <b><a
href="http://localhost/login/?verification='.$code.'">http://localhost/login/?ver
ification='.$code.'</a></b>';

        $mail->send();
        echo 'Message has been sent';
    } catch (Exception $e) {
        echo "Message could not be sent. Mailer Error: {$mail-
>ErrorInfo}";
    }
    echo "</div>";
    $msg = "<div class='alert alert-info'>We've send a
verification link on your email address.</div>";
} else {

```

```
$msg = "<div class='alert alert-danger'>Something wrong  
went.</div>";  
        }  
    } else {  
        $msg = "<div class='alert alert-danger'>Password and Confirm  
Password do not match</div>";  
    }  
}  
}  
?  
  
<!DOCTYPE html>  
<html lang="zxx">  
  
<head>  
    <title>Login Form</title>  
    <!-- Meta tag Keywords -->  
    <meta name="viewport" content="width=device-width, initial-scale=1">  
    <meta charset="UTF-8" />  
    <meta name="keywords"  
          content="Login Form" />  
    <!-- //Meta tag Keywords -->  
  
    <link  
        href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swa  
p" rel="stylesheet">  
  
    <!--/Style-CSS -->  
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all" />  
    <!--/Style-CSS -->  
  
    <script src="https://kit.fontawesome.com/af562a2a63.js"  
crossorigin="anonymous"></script>  
  
</head>  
  
<body>  
  
    <!-- form section start -->  
    <section class="w3l-mockup-form">  
        <div class="container">  
            <!-- /form -->  
            <div class="workinghny-form-grid">  
                <div class="main-mockup">  
                    <div class="alert-close">  
                        <span class="fa fa-close"></span>
```

```

        </div>
        <div class="w3l_form align-self">
            <div class="left_grid_info">
                
            </div>
        </div>
        <div class="content-wthree">
            <h2>Register Now</h2>
            <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. </p>
            <?php echo $msg; ?>
            <form action="" method="post">
                <input type="text" class="name" name="name"
placeholder="Enter Your Name" value="<?php if (isset($_POST['submit'])) { echo
$name; } ?>" required>
                    <input type="email" class="email" name="email"
placeholder="Enter Your Email" value="<?php if (isset($_POST['submit'])) { echo
$email; } ?>" required>
                    <input type="password" class="password"
name="password" placeholder="Enter Your Password" required>
                    <input type="password" class="confirm-password"
name="confirm-password" placeholder="Enter Your Confirm Password" required>
                    <button name="submit" class="btn"
type="submit">Register</button>
            </form>
            <div class="social-icons">
                <p>Have an account! <a
href="index.php">Login</a>.</p>
            </div>
        </div>
    </div>
    <!-- //form -->
</div>
</section>
<!-- //form section start -->

<script src="js/jquery.min.js"></script>
<script>
    $(document).ready(function (c) {
        $('.alert-close').on('click', function (c) {
            $('.main-mockup').fadeOut('slow', function (c) {
                $('.main-mockup').remove();
            });
        });
    });
</script>

```

```
</script>

</body>

</html>
```

## Angular.js Code

### a. Quiz.php:-

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

<head>
    <meta charset="UTF-8">
    <title>Quiz App</title>
    <link href="https://fonts.googleapis.com/css2?family=Exo+2:wght@600&family=Exo:ital,wght@1,600&display=swap" rel="stylesheet">
        <script src='https://kit.fontawesome.com/a076d05399.js'></script>
        <link rel="stylesheet" href="css/style1.css">
</head>

<body>
    <div id="container">
        <!-- Start Section -->
        <div id="start">Start Quiz</div>

        <!-- Guide Section -->
        <div id="guide">
            <h2>Quiz Guide</h2>
            <h4>1. You Have Only 20 Seconds For Each Questions.</h4>
            <h4>2. Once You Select Your Answer. It Can't Be Undone.</h4>
            <h4>3. You'll Get Points On The Basic Of Your Correct Answers.</h4>
            <h4>4. You Can't Exit From The Quiz While You Are Playing.</h4>
            <div id="button">
                <button id="exit">Exit</button>
                <button id="continue">Continue</button>
            </div>
        </div>

        <!-- Quiz Section -->
        <div id="quiz">
            <div id="quiz_header">
                <h5>Amazing Quiz App</h5>
```

```

        <div id="timer">
            <h6>Time Left</h6>
            <h6 id="time">00</h6>
        </div>
    </div>

    <!-- Quiz Questions -->

    <div id="question">
        <h2 id="questionNo"></h2>
        <h2 id="questionText"></h2>
    </div>

    <!-- Quiz Choices -->

    <div id="optionList">
        <h4 class="choice_que" id="option1"></h4>
        <h4 class="choice_que" id="option2"></h4>
        <h4 class="choice_que" id="option3"></h4>
        <h4 class="choice_que" id="option4"></h4>
    </div>

    <!-- Answers Section-->

    <div id="answersSection">
        <h3 id="total_correct">3 Of 10 Questions</h3>
        <h3 id="next_question">Next</h3>
    </div>
</div>
<!-- Result Section -->
<div id="result">
    <i class="fas fa-trophy"></i>
    <h6>You Are Completed The Quiz</h6>
    <h6 id="points">You Got 4 Out Of 10</h6>
    <button id="quit">Quit Quiz</button>
    <button id="startAgain">Start Again</button>
</div>
</div>
<script src="js/questions.js"></script>
<script src="js/script2.js"></script>
</body>

</html>

```

**b. Style1.css:-**

```
#quiz {  
    /*    display: block;*/  
    height: 480px;  
    position: relative;  
}  
  
#quiz #quiz_header {  
    height: 60px;  
    width: 100%;  
    background: #fafafc;  
    position: absolute;  
    top: 0;  
    left: 0;  
    display: flex;  
    align-items: center;  
    flex-direction: row;  
    border-radius: 30px 0;  
}  
  
#quiz #quiz_header h5 {  
    font-size: 28px;  
    margin: 0 20px;  
    color: #00E7FF;  
}  
  
#quiz #quiz_header #timer {  
    height: 50px;  
    width: 200px;  
    background: #00E7FF;  
    color: #3d3d3d;  
    border: 1px solid #b0c4d8;  
    font-size: 18px;  
    border-radius: 20px 5px;  
    display: flex;  
    flex-direction: row;  
    position: absolute;  
    right: 10px;  
}  
  
#quiz #quiz_header #timer h6 {  
    font-size: 22px;  
    display: grid;  
    place-items: center;
```

```
    color: #3d3d3d;
    margin: 0 10px;
}

#quiz #quiz_header #timer #time {
    height: 44px;
    width: 50px;
    background: #fff;
    color: #3d3d3d;
    border: 1px solid #b0c4d8;
    border-radius: 15px 7px;
    margin: 2px 0 0 27px;
}

/*Quiz Questions*/
#quiz #question {
    position: absolute;
    top: 90px;
    display: flex;
    flex-direction: row;
}

#quiz #question h2 {
    font-size: 27px;
}

#quiz #question h2:first-child {
    margin: 0 10px 0 5px;
}

/*Quiz Options*/
#quiz #optionList {
    height: 400px;
    width: 100%;
    position: absolute;
    top: 160px;
}

#quiz #optionList h4 {
    height: 50px;
    width: 535px;
    background: #00E7FF;
    line-height: 50px;
    margin: 5px 0;
    border-radius: 7px;
```

```
padding: 0 20px;
font-size: 20px;
color: #3d3d3d;
overflow: hidden;
border: 1px solid #b0c4d8;
cursor: pointer;
}

#quiz #optionList h4:hover {
    background: #e91e3a;
}

#quiz #optionList .active {
    background: #e91e3a;
}

#quiz #optionList .disabled {
    pointer-events: none;
}

/*Answers Section*/

#quiz #answersSection {
    height: 60px;
    width: 100%;
    background: #fafafc;
    position: absolute;
    bottom: 0;
    left: 0;
    display: flex;
    align-items: center;
    flex-direction: row;
    border-radius: 30px 0;
}

#quiz #answersSection h3 {
    margin: 0px 30px;
    display: none;
}

#quiz #answersSection h3:last-child {
    height: 40px;
    width: 100px;
    display: grid;
    place-items: center;
    background: #00E7FF;
```

```

position: absolute;
right: 0;
color: #ffff;
border: 1px solid #b0c4d8;
font-size: 18px;
border-radius: 20px 5px;
cursor: pointer;
margin: 0 20px;
}

#quiz #answersSection h3:hover {
    background: #3d3d3d;
}

#quiz #answersSection h3:first-child:hover {
    background: none;
}

```

**c. Questions.js:-**

```

let MCQS = [
    {
        question: "What does HTML stand for?",
        choice1: "Hyperlinks and Text Markup Language",
        choice2: "Hyper Text Markup Language",
        choice3: "Hyper Text Making Language",
        choice4: "Hyper Text Mark Language",
        answer: 1
    },
    {
        question: "What does CSS stand for?",
        choice1: "Colorful StyleSheet",
        choice2: "Creative Style Sheet",
        choice3: "Cascading Style Sheet",
        choice4: "Computer Style Sheet",
        answer: 2
    },
    {
        question: "Which HTML tag is used to define an internal style
sheet?",
        choice1: "<script>",
        choice2: "<style>",
        choice3: "<html>",
        choice4: "<svg>",
        answer: 1
    },
]

```

```
{
    question: "Which is the correct CSS syntax?",
    choice1: "body{color:black}",
    choice2: "{body{color:black}}",
    choice3: "body={color:black}",
    choice4: "body:color{black}",
    answer: 0
},
{
    question: "How do you insert a comment in a CSS file?",
    choice1: "/*This is Comment*/",
    choice2: "//This Is Comment",
    choice3: "<!-- This Is Comment -->",
    choice4: "/*This Is Comment//",
    answer: 1
},
{
    question: "How do you insert a comment in a HTML file?",
    choice1: "/*This is Comment*/",
    choice2: "//This Is Comment",
    choice3: "<!-- This Is Comment -->",
    choice4: "/*This Is Comment//",
    answer: 2
},
{
    question: "Which property is used to change the background color?",
    choice1: "backgroundColor",
    choice2: "BgColor",
    choice3: "Color-Background",
    choice4: "background",
    answer: 3
},
{
    question: "How to write an IF statement in JavaScript?",
    choice1: "if i==5",
    choice2: "if(i==5)",
    choice3: "if(i==5)then",
    choice4: "if i==5 then",
    answer: 2
},
{
    question: "Inside which HTML element do we put the JavaScript?",
    choice1: "<js></js>",
    choice2: "<javascript></javascript>",
    choice3: "<script></script>",
    choice4: "<scripting>",
    answer: 3
}
```

```
        answer: 2
},
{
    question: "How does a WHILE loop start?",
    choice1: "while(i <= 0)",
    choice2: "while(i <= 0 i++)",
    choice3: "while i <= 0",
    choice4: "while (i++ i <= 0)",
    answer: 0
}];
let MCQS = [{  

    question: "What does HTML stand for?",  

    choice1: "Hyperlinks and Text Markup Language",  

    choice2: "Hyper Text Markup Language",  

    choice3: "Hyper Text Making Language",  

    choice4: "Hyper Text Mark Language",  

    answer: 1
},  

{
    question: "What does CSS stand for?",  

    choice1: "Colorful StyleSheet",  

    choice2: "Creative Style Sheet",  

    choice3: "Cascading Style Sheet",  

    choice4: "Computer Style Sheet",  

    answer: 2
},  

{
    question: "Which HTML tag is used to define an internal style  
sheet?",  

    choice1: "<script>",  

    choice2: "<style>",  

    choice3: "<html>",  

    choice4: "<svg>",  

    answer: 1
},  

{
    question: "Which is the correct CSS syntax?",  

    choice1: "body{color:black}",  

    choice2: "{body{color:black}}",  

    choice3: "body={color:black}",  

    choice4: "body:color{black}",  

    answer: 0
},  

{
    question: "How do you insert a comment in a CSS file?",  

    choice1: "/*This is Comment*/",
}
```

```
choice2: "//This Is Comment",
choice3: "<!-- This Is Comment --->",
choice4: "//This Is Comment//",
answer: 1
},
{
    question: "How do you insert a comment in a HTML file?",
choice1: "/*This is Comment*/",
choice2: "//This Is Comment",
choice3: "<!-- This Is Comment --->",
choice4: "//This Is Comment//",
answer: 2
},
{
    question: "Which property is used to change the background
color?",
choice1: "backgroundColor",
choice2: "BgColor",
choice3: "Color-Background",
choice4: "background",
answer: 3
},{{
    question: "How to write an IF statement in JavaScript?",
choice1: "if i==5",
choice2: "if(i==5)",
choice3: "if(i==5)then",
choice4: "if i==5 then",
answer: 2
},
{
    question: "Inside which HTML element do we put the JavaScript?",
choice1: "<js></js>",
choice2: "<javascript></javascript>",
choice3: "<script></script>",
choice4: "<scripting>",
answer: 2
},
{
    question: "How does a WHILE loop start?",
choice1: "while(i <= 0)",
choice2: "while(i <= 0 i++)",
choice3: "while i <= 0",
choice4: "while (i++ i <= 0)",
answer: 0
}];
}
```

## Backend – Code: -

### Index.php:-

```
<?php
    session_start();
    if (isset($_SESSION['SESSION_EMAIL'])) {
        header("Location: welcome.php");
        die();
    }

    include 'config.php';
    $msg = "";

    if (isset($_GET['verification'])) {
        if (mysqli_num_rows(mysqli_query($conn, "SELECT * FROM users WHERE code='".$_GET['verification']."'")) > 0) {
            $query = mysqli_query($conn, "UPDATE users SET code=' ' WHERE code='".$_GET['verification']."'");

            if ($query) {
                $msg = "<div class='alert alert-success'>Account verification has been successfully completed.</div>";
            }
        } else {
            header("Location: index.php");
        }
    }

    if (isset($_POST['submit'])) {
        $email = mysqli_real_escape_string($conn, $_POST['email']);
        $password = mysqli_real_escape_string($conn, md5($_POST['password']));

        $sql = "SELECT * FROM users WHERE email='".$email."' AND password='".$password."'";
        $result = mysqli_query($conn, $sql);

        if (mysqli_num_rows($result) === 1) {
            $row = mysqli_fetch_assoc($result);

            if (empty($row['code'])) {
                $_SESSION['SESSION_EMAIL'] = $email;
                header("Location: welcome.php");
            } else {
                $msg = "<div class='alert alert-info'>First verify your account and try again.</div>";
            }
        }
    }
}
```

```
        } else {
            $msg = "<div class='alert alert-danger'>Email or password do not
match.</div>";
        }
    }
?>

<!DOCTYPE html>
<html lang="zxx">

<head>
    <title>Login Form</title>
    <!-- Meta tag Keywords -->
    <meta name="viewport" content="width=device-width, initial-scale=1">
    <meta charset="UTF-8" />
    <meta name="keywords"
        content="Login Form" />
    <!-- //Meta tag Keywords -->

    <link
    href="//fonts.googleapis.com/css2?family=Poppins:wght@300;400;500;600&display=swa
p" rel="stylesheet">

    <!--/Style-CSS -->
    <link rel="stylesheet" href="css/style.css" type="text/css" media="all" />
    <!--/Style-CSS -->

    <script src="https://kit.fontawesome.com/af562a2a63.js"
crossorigin="anonymous"></script>

</head>

<body>

    <!-- form section start -->
    <section class="w3l-mockup-form">
        <div class="container">
            <!-- /form -->
            <div class="workinghny-form-grid">
                <div class="main-mockup">
                    <div class="alert-close">
                        <span class="fa fa-close"></span>
                    </div>
                    <div class="w3l_form align-self">
                        <div class="left_grid_info">
                            
                        </div>
                    </div>
                </div>
            </div>
        </div>
    </section>
</body>
```

```
</div>
</div>
<div class="content-wthree">
    <h2>Login Now</h2>
    <p>Lorem ipsum dolor sit amet consectetur adipisicing elit. </p>
        <?php echo $msg; ?>
        <form action="" method="post">
            <input type="email" class="email" name="email"
placeholder="Enter Your Email" required>
            <input type="password" class="password"
name="password" placeholder="Enter Your Password" style="margin-bottom: 2px;" required>
            <p><a href="forgot-password.php" style="margin-bottom: 15px; display: block; text-align: right;">Forgot Password?</a></p>
            <button name="submit" name="submit" class="btn" type="submit">Login</button>
        </form>
        <div class="social-icons">
            <p>Create Account! <a
href="register.php">Register</a>.</p>
        </div>
    </div>
    <!-- //form -->
</div>
</section>
<!-- //form section start -->

<script src="js/jquery.min.js"></script>
<script>
    $(document).ready(function (c) {
        $('.alert-close').on('click', function (c) {
            $('.main-mockup').fadeOut('slow', function (c) {
                $('.main-mockup').remove();
            });
        });
    });
</script>

</body>

</html>
```

## Database Code

### Login.sql: -

```
SET SQL_MODE = "NO_AUTO_VALUE_ON_ZERO";
START TRANSACTION;
SET time_zone = "+00:00";

-----
-- Table structure for table `users`
-----

CREATE TABLE `users` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `password` varchar(255) NOT NULL,
  `code` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4;

--
-- Indexes for dumped tables
--

--

-- Indexes for table `users`
--

ALTER TABLE `users`
  ADD PRIMARY KEY (`id`);

--
-- AUTO_INCREMENT for dumped tables
--

--

-- AUTO_INCREMENT for table `users`
--

ALTER TABLE `users`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;
COMMIT;
```

```
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
```

### Connction code:

#### Config.php:-

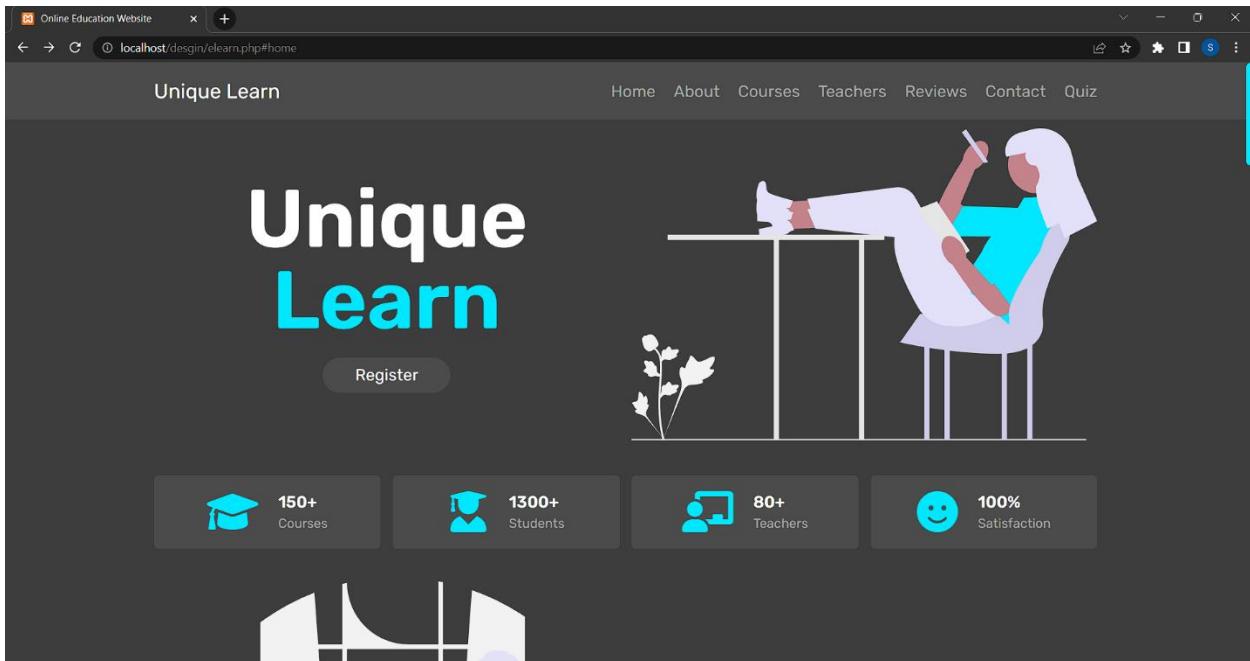
```
<?php

$conn = mysqli_connect("localhost", "root", "", "login");

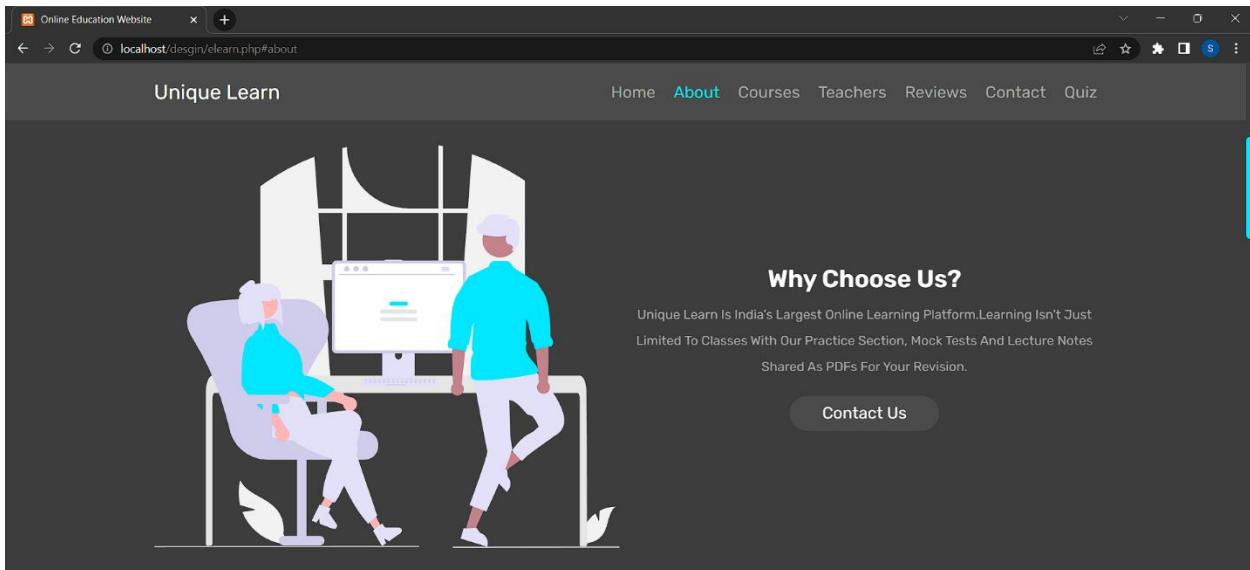
if (!$conn) {
    echo "Connection Failed";
}
```

## OUTPUTS (SCREENSHOTS)

### Home Page :-



### About page:-



### Courses page:-

Online Education Website

localhost/design/elearn.php#courses

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Home About Courses Teachers Reviews Contact Quiz

## OUR COURSES



**Web Development**

Web Development Is The Work Involved In Developing A Website For The Internet.



**Digital Marketing**

Digital Marketing Is The Promotion Of Brands To Connect With Potential Customers.



**Science And Biology**

Biology Is A Branch Of Science That Deals With Living Organisms.

### Teachers page:-

Online Education Website

localhost/design/elearn.php#teachers

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## EXPERT TUTORS







### Reviews page:-

Online Education Website

localhost/design/elearn.php#reviews

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Home About Courses Teachers Reviews Contact Quiz

## STUDENT'S REVIEWS

Your Expertise In Teaching Has Put Our Minds At Ease.



**John Deo**

★★★★★

It Is Clear That Our Child's Literacy And Numeracy Skills Have Developed Considerably While Under Your Care. Thank You For Helping Her To Develop The Skills And Confidence That She Will Carry Forward Into The Next School Year,



**Neha Verma**

★★★★★

It's Great To See How Visible And Accessible You Are Around The School. We Need A Teacher Who Is Available For Discussions About Our Child, And We've Found That With You. Keep Up The Great Work!



**Raj Patil**

★★★★★

## Contact page:-

The screenshot shows a contact form titled "CONTACT US". The form includes fields for "Your Name" (placeholder: "enter your full name"), "Your Email" (placeholder: "enter your valid email"), "Your Number" (placeholder: "enter your valid number"), and "Message" (placeholder: "type your message"). There is also a "Select Gender" section with checkboxes for "Male" and "Female", and a "Submit" button.

Unique Learn

Home About Courses Teachers Reviews **Contact** Quiz

## CONTACT US

Your Name  
enter your full name

Your Email  
enter your valid email

Your Number  
enter your valid number

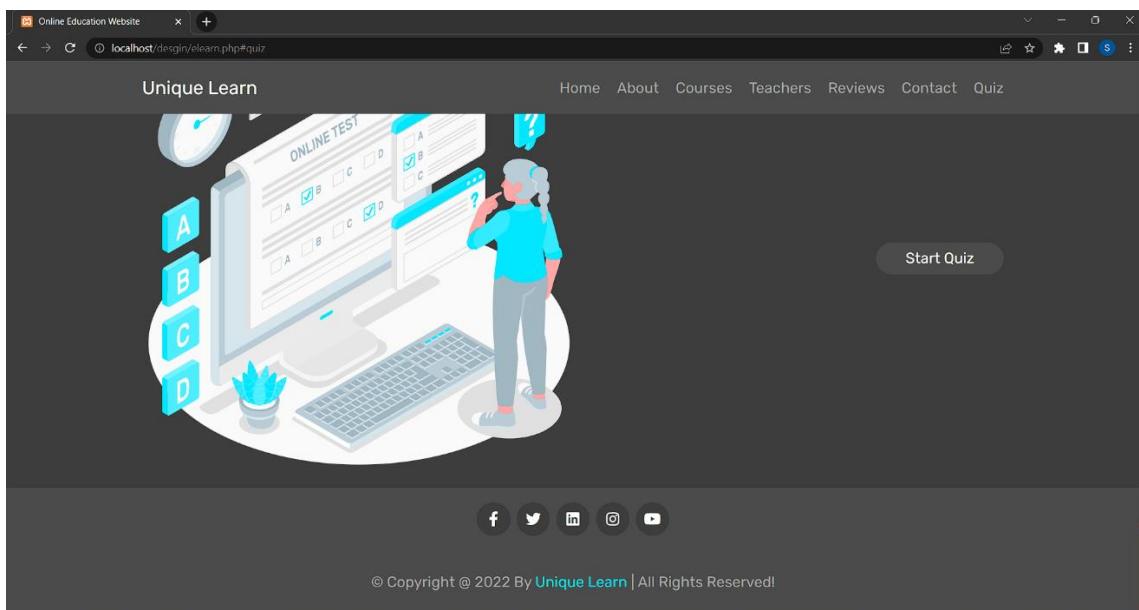
Message  
type your message

Select Gender

Male  Female

Submit

## Footer Section :-



## Registration Form (Validation): -

The image displays three screenshots of a web-based registration form interface, likely built using a framework like Laravel, showing different stages of user interaction:

- Screenshot 1: Forgot Password**  
A modal window titled "Forgot Password" is shown. It contains a placeholder text "Lorem ipsum dolor sit amet consectetur adipisicing elit." and a text input field labeled "Enter Your Email". Below the input field is a large blue button labeled "Send Reset Link". At the bottom of the modal is a link "Back to! Login".  
The background features a teal-colored illustration of a person's head and shoulders.
- Screenshot 2: Login Now**  
A modal window titled "Login Now" is shown. It contains a placeholder text "Lorem ipsum dolor sit amet consectetur adipisicing elit.", two input fields ("Enter Your Email" and "Enter Your Password"), a "Forgot Password?" link, and a large blue "Login" button.  
The background features a teal-colored illustration of a person standing near a doorway.
- Screenshot 3: Register Now**  
A modal window titled "Register Now" is shown. It contains a placeholder text "Lorem ipsum dolor sit amet consectetur adipisicing elit.", four input fields ("Enter Your Name", "Enter Your Email", "Enter Your Password", and "Enter Your Confirm Password"), and a large blue "Register" button.  
The background features a teal-colored illustration of a person sitting at a desk with a computer monitor.

## Quiz Page (Angular.js)

The image displays two screenshots of a quiz application. The top screenshot shows the main quiz page titled "QUIZ" with a large illustration of a person interacting with a computer screen displaying an online test. Below the illustration is a "Start Quiz" button. The bottom screenshot shows a modal window titled "Quiz Guide" with four numbered instructions. At the bottom of the modal are "Exit" and "Continue" buttons.

**QUIZ**

Start Quiz

**Quiz Guide**

1. You Have Only 20 Seconds For Each Questions.
2. Once You Select Your Answer It Can't Be Undone.
3. You'll Get Points On The Basic Of Your Correct Answers.
4. You Can't Exit From The Quiz While You Are Playing.

Exit Continue

Quiz App

localhost/desgin/quiz.php

Amazing Quiz App

Time Left 14

1. What does HTML stand for?

Hyperlinks and Text Markup Language

Hyper Text Markup Language

Hyper Text Making Language

Hyper Text Mark Language

Next

This screenshot shows a quiz application window titled 'Quiz App' with the URL 'localhost/desgin/quiz.php'. The main title of the app is 'Amazing Quiz App'. A timer at the top right shows 'Time Left 14'. Below it is a question: '1. What does HTML stand for?'. Four options are listed in a vertical stack: 'Hyperlinks and Text Markup Language' (cyan background), 'Hyper Text Markup Language' (light blue background), 'Hyper Text Making Language' (red background), and 'Hyper Text Mark Language' (cyan background). At the bottom right of the card is a 'Next' button.

Quiz App

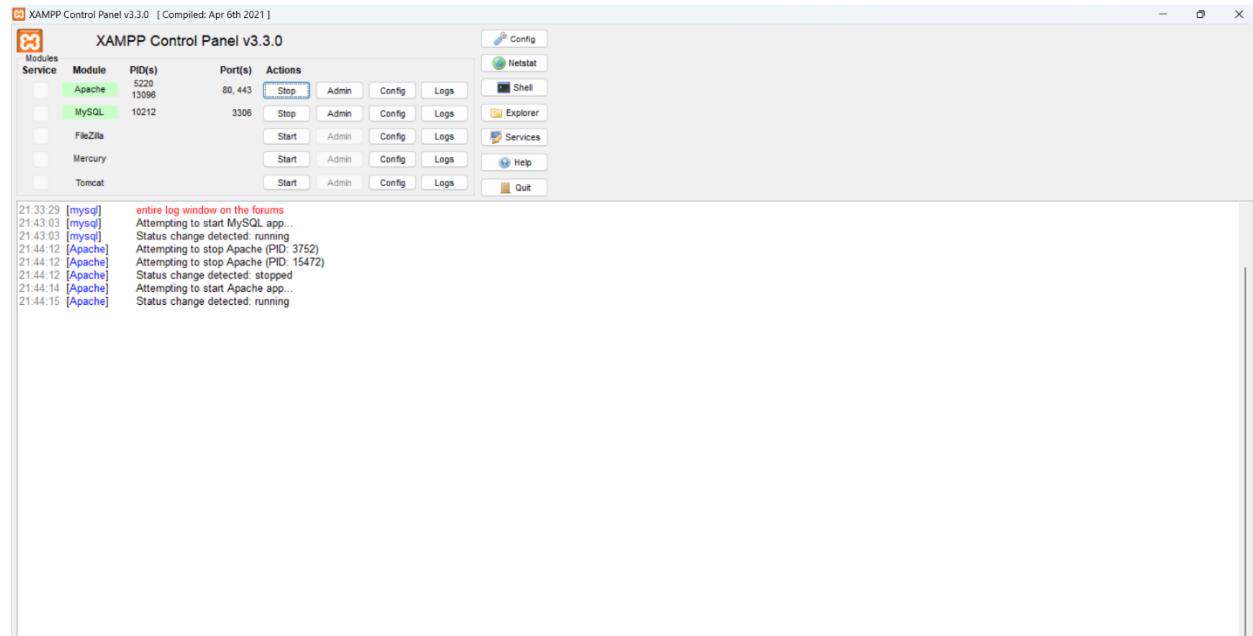
localhost/desgin/quiz.php

You Are Completed The Quiz  
You Got 1 Out Of 10

Quit Quiz

Start Again

## Database: -



The screenshot shows the phpMyAdmin interface connected to the 'login' database. The left sidebar shows databases like 'elearn', 'example\_db', 'hospital\_db', 'information\_schema', 'mysql', 'onlinequiz', 'performance\_schema', 'phpmyadmin', and 'test'. The 'users' table is selected, showing the following data:

	Id	name	email	password	code
<input type="checkbox"/>	1	Satyam	shivam@gmail.com	912ecb03b2ce49e4a541068d495ab570	31fb9b8fb132e6138921112cf8c42e
<input type="checkbox"/>	2	Satyam	satyamshukla9791@gmail.com	a152e841783914146e4bcd4f39100686	818c4363981a425c8a706eb54c6370
<input type="checkbox"/>	4	ninad	satyamshukla158@gmail.com	040b7c4e55014e185813e0644502ea9	6fd8c5225756569b079d002a07620e40
<input type="checkbox"/>	5	satyam shukla	satyam8781@gmail.com	040b7c4e55014e185813e0644502ea9	3c5b2fe8950a08a81219cc5942562c12
<input type="checkbox"/>	6	qwert	satyam8981@gmail.com	962012d09b8170d9120669fd7d9d07	3ca7253c5164408631e7d8b96e2445d5

## **Conclusion**

In conclusion, an e-learning website is a powerful educational tool that offers a wide range of educational resources and courses to learners worldwide. With digital technologies and multimedia tools such as videos, animations, quizzes, and assessments, e-learning websites provide an immersive and engaging learning experience that enhances students' knowledge and skills.

The e-learning website made with PHPMyAdmin and XAMPP is a comprehensive and efficient platform that provides users with a user-friendly interface to manage the website's database and create a local web server environment for web development and testing. It offers personalized learning pathways, allowing students to learn at their own pace and convenience, while instructors can monitor student progress, assign assessments, and provide feedback.

E-learning websites provide a flexible and accessible way to enhance education, enabling learners worldwide to access quality education irrespective of their geographic location. The future of education lies in e-learning, and with the continued development of technology, e-learning websites will continue to evolve, providing innovative solutions to enhance learning and education.

## Future Scope

The future scope of e-learning websites is vast, as technology continues to evolve, and new educational needs and demands emerge. Here are some potential areas of future development for e-learning websites:

**Virtual Reality (VR) and Augmented Reality (AR):** The integration of VR and AR technologies into e-learning websites can provide learners with a more immersive and engaging learning experience. This can include virtual field trips, simulations, and 3D models, allowing learners to experience real-world scenarios and interact with virtual objects.

**Artificial Intelligence (AI) and Machine Learning (ML):** The use of AI and ML technologies can personalize the learning experience for each student by analyzing their learning patterns and adapting the course content accordingly. This can help learners learn more efficiently and effectively.

**Collaborative Learning:** E-learning websites can facilitate collaborative learning by allowing students to work together on group projects, share resources and ideas, and engage in online discussions. This can create a sense of community among learners, enhance critical thinking skills, and promote teamwork.

**Microlearning:** E-learning websites can offer microlearning courses, which are short, bite-sized lessons that can be completed in a few minutes. This can help learners fit learning into their busy schedules and improve knowledge retention.

**Gamification:** The integration of gamification elements, such as badges, points, and leaderboards, into e-learning websites can make the learning experience more fun and engaging. This can motivate learners to complete courses and achieve learning goals.

Overall, the future scope of e-learning websites is vast, and as technology continues to advance, e-learning websites will continue to evolve, providing learners with innovative and engaging ways to enhance their knowledge and skills.

## References

**MDN Web Docs:** This is an excellent resource for web development, including HTML, CSS, and JavaScript. It offers comprehensive documentation, tutorials, and examples to help you get started.

**PHP.net:** This is the official website for PHP, and it offers comprehensive documentation on the language, including tutorials, code examples, and a user-contributed manual. It is an excellent resource for beginners who want to learn PHP from scratch.

**Udemy:** Udemy is an online learning platform that offers a wide range of PHP courses, from beginner to advanced levels. The courses are taught by industry experts, and they include video lectures, quizzes, and coding exercises.

**Codecademy:** Codecademy is a popular online learning platform that offers interactive coding courses for beginners. Its PHP course covers the basics of PHP programming and web development.

**W3Schools:** W3Schools is a web development learning platform that offers tutorials, examples, and exercises on PHP, HTML, CSS, and other web technologies. Its PHP tutorial is comprehensive and easy to follow.

**Stack Overflow:** This is a community-driven question-and-answer site that can be a valuable resource for troubleshooting issues and finding solutions to problems encountered during development.

**Youtube:** YouTube is an excellent platform for learning coding and programming, as it provides access to a vast library of video content that can supplement formal education, enable self-paced learning, and enhance the learning experience.