**Design and develop a responsive website for an online book store using PHP and MySQL having 1) Home Page2) Login Page 3) Catalogue Page: 4) Registration Page: (database)**

# home.php

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwi

GgFAW/dAiS6JXm" crossorigin="anonymous">

<title>Book Store</title>

<style>

#introcontainer{ text-align:center;

}

#login-box {

background-color: #fff; border-radius: 10px; box-shadow: 0 0 10px rgba(0, 0, 0, 0.2); margin: auto; margin-top: 50px; max-width: 500px; padding: 20px;

}

h1 {

color: #333; font-size: 28px; margin-bottom: 20px; text-align: center;

}

input[type=text], input[type=password] {

border: none; border-radius: 3px; box-shadow: 0 0 5px rgba(0, 0, 0, 0.1); font-size: 16px; margin-bottom: 20px; padding: 10px; width: 100%;

}

input[type=submit] { background-color: #4CAF50; border: none; border-radius: 3px; color: #fff; cursor: pointer;

font-size: 16px; padding: 10px; width: 100%;

}

input[type=submit]:hover {

background-color: #3e8e41;

}

</style>

</head>

<body>

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="#">Book Store</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="home.php">Home <span class="sr-only">(current)</span></a>

</li>

</ul>

</div>

</nav>

<div class="container" id = "introcontainer">

<div class="jumbotron">

<h1>Welcome to online CSE bookstore</h1>

<p class="lead">This site has been made using PHP with MYSQL</p> <p>The layout use Bootstrap to make it more responsive. It's just a simple web!</p>

</div>

</div>

<div class="container" id="main">

<!-- Example row of columns -->

<div id="login-box">

<h1>Login</h1>

<form action = "dashboard.php" method = "post">

<input type="text" placeholder="Username" name = "user\_name" required>

<input type="password" placeholder="Password" name = "pass\_word" required>

<p style="text-align:center;">Dont have an Account? <a style = "text-decoration:none;"href="signup.php">Sign UP</a></p>

<input type="submit" value="Login">

</form> </div>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/G pGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakF

PskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjU ar5+76PVCmYl" crossorigin="anonymous"></script> </body> </html>

# signup.php

<!DOCTYPE html>

<html>

<head>

<title>Registration Page</title>

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

<style> body {

font-family: Arial, sans-serif; background-color: #f2f2f2;

}

.container { background-color: #fff; padding: 20px; margin: auto; margin-top: 50px; width: 50%; box-shadow: 0 0 10px rgba(0, 0, 0, 0.3);

}

h1 {

text-align: center; margin-bottom: 20px;

}

label { display: block; margin-bottom: 5px;

}

input[type="text"], input[type="email"], input[type="password"] { padding: 10px; border-radius: 5px; margin-bottom: 20px; width: 100%;

}

input[type="submit"] { background-color: #4CAF50;

color: #fff;

padding: 10px 20px; border: none; border-radius: 5px; cursor: pointer;

}

input[type="submit"]:hover { background-color: #3e8e41;

}

</style>

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwi GgFAW/dAiS6JXm" crossorigin="anonymous">

</head> <body>

<div class="container">

<form action="signup\_submission.php" method="post">

<h1 style = "text-align:center;">Register</h1>

<div class="form-group">

<label for="exampleInputEmail1">Username</label>

<input type="text" class="form-control" id="exampleInputEmail1" aria-describedby="emailHelp" name = "user\_name">

</div>

<div class="form-group">

<label for="exampleInputPassword1">Password</label>

<input type="password" class="form-control" id="exampleInputPassword1" name

= "pass\_word">

</div>

<div class="form-group">

<label for="exampleConfirmInputPassword1">Confirm Password</label>

<input type="password" class="form-control" id="exampleInputPassword2" name

= "confirm\_password">

</div>

<button type="submit" class="btn btn-primary">Register</button> </form>

</div>

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/G pGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakF

PskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjU ar5+76PVCmYl" crossorigin="anonymous"></script>

<script> const form = document.querySelector('form'); const usernameField = document.querySelector('#username'); const passwordField = document.querySelector('#password'); const confirmPasswordField = document.querySelector('#confirmPassword');

form.addEventListener('submit', function(event) { event.preventDefault();

if (usernameField.value.length < 6) {

alert('Username must be at least 6 characters long'); return;

}

if (passwordField.value.length < 8) {

alert('Password must be at least 8 characters long'); return;

}

if (passwordField.value !== confirmPasswordField.value) {

alert('Passwords do not match'); return;

}

form.submit();

});

</script>

</body> </html>

# signup\_submission.php

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwi

GgFAW/dAiS6JXm" crossorigin="anonymous">

<title>Hello, world!</title>

</head>

<body>

<!-- Optional JavaScript -->

<!-- jQuery first, then Popper.js, then Bootstrap JS -->

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/G pGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.12.9/dist/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakF

PskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjU ar5+76PVCmYl" crossorigin="anonymous"></script> </body>

</html>

<?php

require "conn.php"; $conn = db\_connect();

$username = $\_REQUEST['user\_name'];

$password = $\_REQUEST['pass\_word'];

$confirm = $\_REQUEST['confirm\_password'];

$sql = "INSERT INTO `signup` (`username`, `password`, `confirm`) VALUES ('$username', '$password', '$confirm');";

if(mysqli\_query($conn, $sql)){ echo '<div class="alert alert-success alert-dismissible fade show"

role="alert">

<strong>User Registered successfully</strong><a style =

"text-decoration:none; color: darkgreen;"href="home.php"> Click here to Login</a> </div>';

} else{ echo "ERROR: Hush! Sorry $sql. "

. mysqli\_error($conn);

}

// Close connection mysqli\_close($conn); ?>

# dashboard.php

<?php

$login = false;

$showError = false; if($\_SERVER["REQUEST\_METHOD"] == "POST"){

$conn = mysqli\_connect("localhost", "root", "", "college"); if(!$conn){ echo "Can't connect database " . mysqli\_connect\_error($conn); exit;

}

$username = $\_POST["user\_name"];

$password = $\_POST["pass\_word"];

$sql = "Select \* from signup where username='$username' AND password='$password'";

$result = mysqli\_query($conn, $sql); $num = mysqli\_num\_rows($result); if ($num == 1){ $login = true; session\_start(); $\_SESSION['loggedin'] = true;

$\_SESSION['username'] = $username;

// header("location: dashboard.php");

}

else{

$showError = "Invalid Credentials";

// header("location: home.php");

}

}

?>

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/css/bootstrap.min.css" integrity="sha384-Vkoo8x4CGsO3+Hhxv8T/Q5PaXtkKtu6ug5TOeNV6gBiFeWPGFN 9MuhOf23Q9Ifjh" crossorigin="anonymous">

<title>Login</title>

</head>

<body>

<?php

if($login){

$uname = $\_SESSION['username'];

echo ' <div class="alert alert-success alert-dismissible fade show" role="alert">

<strong>Success!</strong> You are logged in

<button type="button" class="close" data-dismiss="alert" aria-label="Close">

<span aria-hidden="true">×</span>

</button>

</div>

<nav class="navbar navbar-expand-lg navbar-light bg-light">

<a class="navbar-brand" href="#">Book Store</a>

<button class="navbar-toggler" type="button" data-toggle="collapse" data-target="#navbarNav" aria-controls="navbarNav" aria-expanded="false" aria-label="Toggle navigation">

<span class="navbar-toggler-icon"></span>

</button>

<div class="collapse navbar-collapse" id="navbarNav">

<ul class="navbar-nav mr-auto">

<li class="nav-item active">

<a class="nav-link" href="home.php">Home <span class="sr-only">(current)</span></a>

</li>

<li class="nav-item">

<a class="nav-link" href="catalogue.php">Books</a>

</li>

<li class="nav-item">

<a class="nav-link" href="logout.php">Logout</a>

</li>

</ul>

</div>

</nav>

<div class="container" id = "introcontainer">

<div class="jumbotron">

<h2>Welcome

'.$uname.'</h2>

<h1>Welcome to online CSE bookstore</h1>

<p class="lead">This site has been made using PHP with MYSQL</p>

<p>The layout use Bootstrap to make it more responsive. Its just a simple web!</p>

</div>

</div>

';

}

if($showError){ echo ' <div class="alert alert-danger alert-dismissible fade show" role="alert">

<strong>Error!</strong> '. $showError.'

<button type="button" class="close" data-dismiss="alert" aria-label="Close">

<span aria-hidden="true">×</span>

</button>

</div> ';

}

?>

<script src="https://code.jquery.com/jquery-3.4.1.slim.min.js" integrity="sha384-J6qa4849blE2+poT4WnyKhv5vZF5SrPo0iEjwBvKU7imGFAV0wwj 1yYfoRSJoZ+n" crossorigin="anonymous"></script>

<script src="https://cdn.jsdelivr.net/npm/popper.js@1.16.0/dist/umd/popper.min.js" integrity="sha384-Q6E9RHvbIyZFJoft+2mJbHaEWldlvI9IOYy5n3zV9zzTtmI3UksdQ

RVvoxMfooAo" crossorigin="anonymous"></script>

<script src="https://stackpath.bootstrapcdn.com/bootstrap/4.4.1/js/bootstrap.min.js" integrity="sha384-wfSDF2E50Y2D1uUdj0O3uMBJnjuUD4Ih7YwaYd1iqfktj0Uod8GC

Exl3Og8ifwB6" crossorigin="anonymous"></script>

</body>

</html>

# logout.php

<?php

session\_start(); session\_unset(); session\_destroy();

header("Location: home.php"); ?>

**conn.php**

<?php function db\_connect(){

$conn = mysqli\_connect("localhost", "root", "", "college"); if(!$conn){ echo "Can't connect database " . mysqli\_connect\_error($conn); exit;

}

return $conn;

}

?>

**dbmsfunctions.php**

<?php function select4LatestBook($conn){

$row = array();

$query = "SELECT book\_isbn, book\_image FROM books ORDER BY book\_isbn DESC";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Can't retrieve data " . mysqli\_error($conn); exit;

}

for($i = 0; $i < 4; $i++){

array\_push($row, mysqli\_fetch\_assoc($result));

}

return $row;

}

function getBookByIsbn($conn, $isbn){

$query = "SELECT book\_title, book\_author, book\_price FROM books WHERE book\_isbn = '$isbn'";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Can't retrieve data " . mysqli\_error($conn); exit;

}

return $result;

}

function getOrderId($conn, $customerid){

$query = "SELECT orderid FROM orders WHERE customerid = '$customerid'";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "retrieve data failed!" . mysqli\_error($conn); exit;

}

$row = mysqli\_fetch\_assoc($result); return $row['orderid'];

}

function insertIntoOrder($conn, $customerid, $total\_price, $date, $ship\_name, $ship\_address, $ship\_city, $ship\_zip\_code, $ship\_country){ $query = "INSERT INTO orders VALUES

('', '" . $customerid . "', '" . $total\_price . "', '" . $date . "', '" . $ship\_name . "', '" .

$ship\_address . "', '" . $ship\_city . "', '" . $ship\_zip\_code . "', '" . $ship\_country . "')";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Insert orders failed " . mysqli\_error($conn); exit;

}

}

function getbookprice($isbn){

$conn = db\_connect();

$query = "SELECT book\_price FROM books WHERE book\_isbn = '$isbn'";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "get book price failed! " . mysqli\_error($conn); exit;

}

$row = mysqli\_fetch\_assoc($result); return $row['book\_price'];

}

function getCustomerId($name, $address, $city, $zip\_code, $country){

$conn = db\_connect();

$query = "SELECT customerid from customers WHERE name = '$name' AND address= '$address' AND city = '$city' AND zip\_code = '$zip\_code' AND country = '$country'";

$result = mysqli\_query($conn, $query);

// if there is customer in db, take it out

if($result){

$row = mysqli\_fetch\_assoc($result); return $row['customerid'];

} else { return null;

}

}

function setCustomerId($name, $address, $city, $zip\_code, $country){

$conn = db\_connect();

$query = "INSERT INTO customers VALUES

('', '" . $name . "', '" . $address . "', '" . $city . "', '" . $zip\_code . "', '" . $country .

"')";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "insert false !" . mysqli\_error($conn); exit;

}

$customerid = mysqli\_insert\_id($conn); return $customerid;

}

function getPubName($conn, $pubid){

$query = "SELECT publisher\_name FROM publisher WHERE publisherid =

'$pubid'";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Can't retrieve data " . mysqli\_error($conn); exit;

}

if(mysqli\_num\_rows($result) == 0){

echo "Empty books ! Something wrong! check again"; exit;

}

$row = mysqli\_fetch\_assoc($result); return $row['publisher\_name'];

}

function getAll($conn){

$query = "SELECT \* from books ORDER BY book\_isbn DESC";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Can't retrieve data " . mysqli\_error($conn); exit;

}

return $result;

}

?>

**catalogue.php** <?php

session\_start();

$count = 0;

require\_once "db\_functions.php"; require\_once "conn.php"; $conn = db\_connect();

$row = getAll($conn);

$query = "SELECT book\_isbn, book\_image FROM books";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Can't retrieve data " . mysqli\_error($conn); exit;

}

$title = "Full Catalogs of Books";

?>

<!doctype html>

<html lang="en">

<head>

<!-- Required meta tags -->

<meta charset="utf-8">

<meta name="viewport" content="width=device-width, initial-scale=1, shrink-to-fit=no">

<!-- Bootstrap CSS -->

<link rel="stylesheet" href="https://cdn.jsdelivr.net/npm/bootstrap@4.0.0/dist/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwi

GgFAW/dAiS6JXm" crossorigin="anonymous">

<title>Hello, world!</title>

</head>

<body>

<h2 style="text-align:center;">Latest books</h2> <br>

<div class="row">

<?php foreach($row as $book) { ?> <div class="col-md-3">

<a href="book.php?bookisbn=<?php echo $book['book\_isbn']; ?>">

<img class="img-responsive img-thumbnail" src="./images/<?php echo $book['book\_image']; ?>">

</a>

</div>

<br>

<?php } ?>

</div>

</body> </html>

**book.php** <?php

session\_start();

$book\_isbn = $\_GET['bookisbn']; // connecto database require\_once "db\_functions.php"; require\_once "conn.php"; $conn = db\_connect();

$query = "SELECT \* FROM books WHERE book\_isbn = '$book\_isbn'";

$result = mysqli\_query($conn, $query);

if(!$result){

echo "Can't retrieve data " . mysqli\_error($conn); exit;

}

$row = mysqli\_fetch\_assoc($result); if(!$row){

echo "Empty book";

exit;

}

$title = $row['book\_title'];

// require "home.php";

?>

<!DOCTYPE html>

<html lang="en">

<html>

<title>Book description</title>

<head>

<style>

/\* CSS for book page \*/

/\* Page header \*/ header { background-color: #333; color: #fff;

padding: 10px;

}

/\* Book image \*/ .img-thumbnail { max-width: 100%; height: auto; margin-bottom: 10px;

}

/\* Book details table \*/ table {

width: 100%; max-width: 600px; margin-bottom: 20px;

}

table td {

padding: 5px;

}

/\* Purchase button \*/ input[type="submit"] { background-color: #337ab7; border-color: #2e6da4; color: #fff;

padding: 5px 10px; font-size: 16px; border-radius: 3px; cursor: pointer;

}

/\* Hover effect on purchase button \*/ input[type="submit"]:hover { background-color: #2e6da4; border-color: #23527c;

}

/\* Breadcrumb trail \*/

.breadcrumb { background-color: #f5f5f5; padding: 8px 15px; margin-bottom: 20px; list-style: none; border-radius: 4px;

}

.breadcrumb > li {

display: inline-block;

}

.breadcrumb > li + li:before { content: ">"; padding: 0 5px; color: #ccc;

}

/\* Book description \*/

.book-description { margin-bottom: 20px;

}

.book-description p { font-size: 16px; line-height: 1.5;

}

/\* Book title \*/ h2.book-title {

font-size: 24px; margin-bottom: 10px;

}

/\* Book author \*/ h3.book-author { font-size: 18px; margin-top: 0;

}

/\* Container for book image and details \*/

.book-details {

display: flex; flex-wrap: wrap;

}

/\* Column for book image \*/

.book-image { width: 30%; margin-right: 20px;

}

/\* Column for book details \*/

.book-details-right { width: 70%;

}

/\* Responsive design for small screens \*/

@media (max-width: 767px) {

/\* Columns for book image and details stack \*/

.book-details { flex-direction: column;

}

.book-image { margin-right: 0; margin-bottom: 20px; width: 100%;

}

.book-details-right { width: 100%;

}

/\* Center book image \*/

.book-image img { display: block; margin: 0 auto;

}

}

</style> </head>

<!-- Example row of columns -->

<p class="lead" style="margin: 25px 0"><a href="books.php">Books</a> > <?php echo $row['book\_title']; ?></p>

<div class="row">

<div class="col-md-3 text-center">

<img class="img-responsive img-thumbnail" src="./images/<?php echo

$row['book\_image']; ?>">

</div>

<div class="col-md-6">

<h4>Book Description</h4>

<p><?php echo $row['book\_descr']; ?></p>

<h4>Book Details</h4>

<table class="table">

<?php foreach($row as $key => $value){ if($key == "book\_descr" || $key == "book\_image" || $key == "publisherid" || $key == "book\_title"){ continue;

}

switch($key){

case "book\_isbn":

$key = "ISBN";

break;

case "book\_title": $key = "Title"; break;

case "book\_author": $key = "Author"; break;

case "book\_price": $key = "Price"; break;

}

?>

<tr>

<td><?php echo $key; ?></td>

<td><?php echo $value; ?></td>

</tr>

<?php

}

if(isset($conn)) {mysqli\_close($conn); }

?>

</table>

<form method="post" action="cart.php">

<input type="hidden" name="bookisbn" value="<?php echo $book\_isbn;?>">

<input type="submit" value="Purchase / Add to cart" name="cart" class="btn btn-primary">

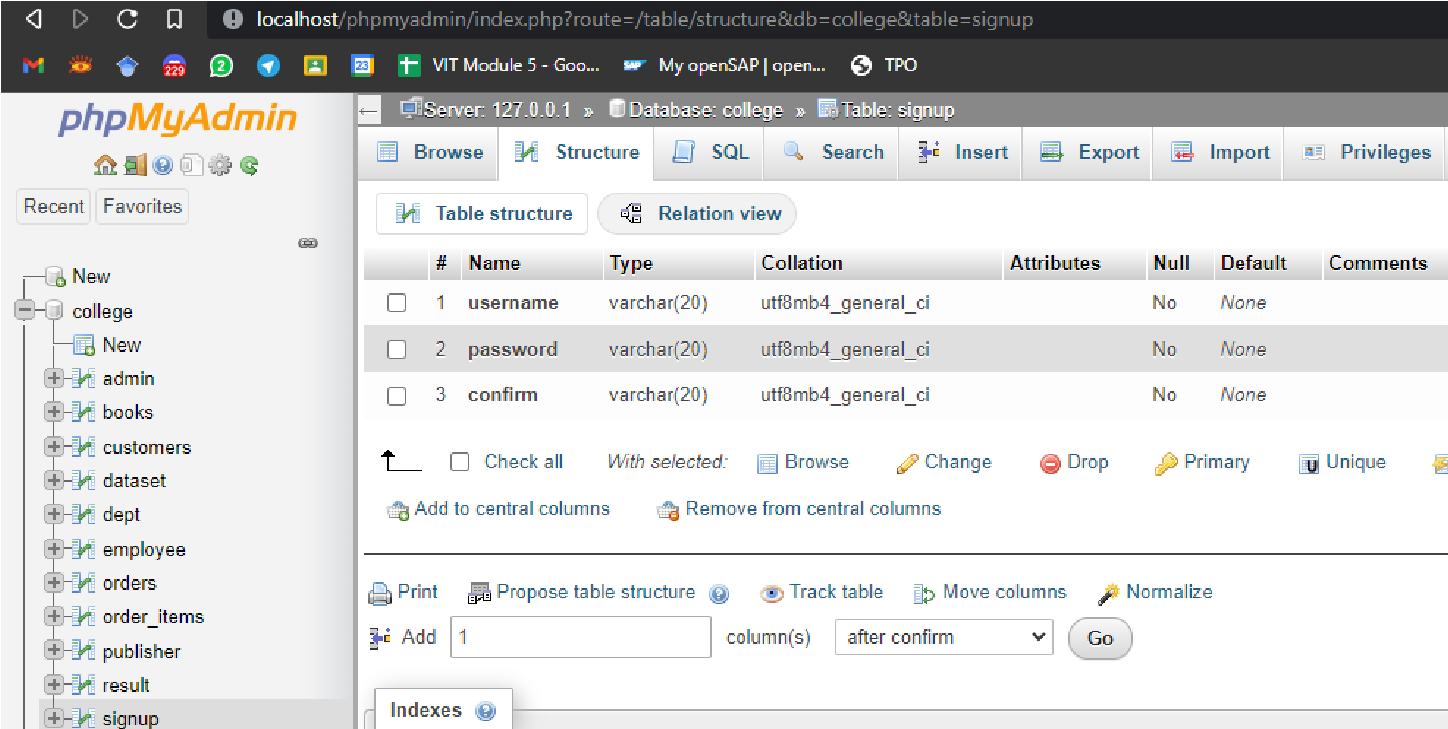
</form>

</div>

</div>

</html>

# Database



**Output:**

