**login.php**

<?php

session\_start();

if(isset($\_SESSION["loggedin"]) && $\_SESSION["loggedin"] === true){

header("location: welcome.php");

exit;

}

require\_once "config.php";

$username = $password = "";

$username\_err = $password\_err = "";

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

if(empty(trim($\_POST["username"]))){

$username\_err = "Please enter username.";

} else{

$username = trim($\_POST["username"]);

}

if(empty(trim($\_POST["password"]))){

$password\_err = "Please enter your password.";

} else{

$password = trim($\_POST["password"]);

}

if(empty($username\_err) && empty($password\_err)){

$sql = "SELECT Student\_ID, username, password FROM PCA\_Section WHERE username = ?";

if($stmt = mysqli\_prepare($link, $sql)){

mysqli\_stmt\_bind\_param($stmt, "s", $param\_username);

$param\_username = $username;

if(mysqli\_stmt\_execute($stmt)){

mysqli\_stmt\_store\_result($stmt);

if(mysqli\_stmt\_num\_rows($stmt) == 1){

mysqli\_stmt\_bind\_result($stmt, $id, $username, $hashed\_password);

if(mysqli\_stmt\_fetch($stmt)){

if(password\_verify($password, $hashed\_password)){

session\_start();

$\_SESSION["loggedin"] = true;

$\_SESSION["id"] = $id;

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

header("location: welcome.php");

} else{

$password\_err = "The password you entered was not valid.";

}

}

} else{

$username\_err = "No account found with that username.";

}

} else{

echo "Oops! Something went wrong. Please try again later.";

}

mysqli\_stmt\_close($stmt);

}

}

mysqli\_close($link);

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Login</title>

<style type="text/css">

body{ font: 14px sans-serif; }

.wrapper{ width: 350px; padding: 20px; }

</style>

</head>

<body>

<div class="wrapper">

<h2>Login</h2>

<p>Please fill in your credentials to login.</p>

<form action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>" method="post">

<div class="form-group <?php echo (!empty($username\_err)) ? 'has-error' : ''; ?>">

<label>Username</label>

<input type="text" name="username" class="form-control" value="<?php echo $username; ?>">

<span class="help-block"><?php echo $username\_err; ?></span>

</div>

<div class="form-group <?php echo (!empty($password\_err)) ? 'has-error' : ''; ?>">

<label>Password</label>

<input type="password" name="password" class="form-control">

<span class="help-block"><?php echo $password\_err; ?></span>

</div>

<div class="form-group">

<input type="submit" class="btn btn-primary" value="Login">

</div>

<p>Don't have an account? <a href="register.php">Sign up now</a>.</p>

</form>

</div>

</body>

</html>

**signup.php**

<?php

require\_once "config.php";

$username = $password = $confirm\_password = "";

$username\_err = $password\_err = $confirm\_password\_err = "";

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

if(empty(trim($\_POST["username"]))){

$username\_err = "Please enter a username.";

} else{

$sql = "SELECT Student\_ID FROM PCA\_Section WHERE username = ?";

if($stmt = mysqli\_prepare($link, $sql)){

mysqli\_stmt\_bind\_param($stmt, "s", $param\_username);

$param\_username = trim($\_POST["username"]);

if(mysqli\_stmt\_execute($stmt)){

mysqli\_stmt\_store\_result($stmt);

if(mysqli\_stmt\_num\_rows($stmt) == 1){

$username\_err = "This username is already taken.";

} else{

$username = trim($\_POST["username"]);

}

} else{

echo "Oops! Something went wrong. Please try again later.";

}

mysqli\_stmt\_close($stmt);

}

}

if(empty(trim($\_POST["password"]))){

$password\_err = "Please enter a password.";

} elseif(strlen(trim($\_POST["password"])) < 6){

$password\_err = "Password must have atleast 6 characters.";

} else{

$password = trim($\_POST["password"]);

}

if(empty(trim($\_POST["confirm\_password"]))){

$confirm\_password\_err = "Please confirm password.";

} else{

$confirm\_password = trim($\_POST["confirm\_password"]);

if(empty($password\_err) && ($password != $confirm\_password)){

$confirm\_password\_err = "Password did not match.";

}

}

mysqli\_close($link);

}

?>

<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Sign Up</title>

</head>

<body>

<div class="wrapper">

<h2>Sign Up</h2>

<p>Please fill this form to create an account.</p>

<form action="<?php echo htmlspecialchars($\_SERVER["PHP\_SELF"]); ?>" method="post">

<div class="form-group <?php echo (!empty($username\_err)) ? 'has-error' : ''; ?>">

<label>Username</label>

<input type="text" name="username" class="form-control" value="<?php echo $username; ?>">

<span class="help-block"><?php echo $username\_err; ?></span>

</div>

<div class="form-group <?php echo (!empty($password\_err)) ? 'has-error' : ''; ?>">

<label>Password</label>

<input type="password" name="password" class="form-control" value="<?php echo $password; ?>">

<span class="help-block"><?php echo $password\_err; ?></span>

</div>

<div class="form-group <?php echo (!empty($confirm\_password\_err)) ? 'has-error' : ''; ?>">

<label>Confirm Password</label>

<input type="password" name="confirm\_password" class="form-control" value="<?php echo $confirm\_password; ?>">

<span class="help-block"><?php echo $confirm\_password\_err; ?></span>

</div>

<div class="form-group">

<input type="submit" class="btn btn-primary" value="Submit">

<input type="reset" class="btn btn-default" value="Reset">

</div>

<p>Already have an account? <a href="login.php">Login here</a>.</p>

</form>

</div>

</body>

</html>