

PROGRAM CODE

signup.Html

```
<!DOCTYPE html>
<html>
<head>
    <title>Sign Up</title>
</head>
<body>
    <h1>Sign Up</h1>
    <form action="signup.php" method="post">
        <label for="username">Username:</label>
        <input type="text" id="username" name="username"
required><br><br>
        <label for="email">Email:</label>
        <input type="email" id="email" name="email" required><br><br>
        <label for="password">Password:</label>
        <input type="password" id="password" name="password"
required><br><br>
        <input type="submit" value="Sign Up">
    </form>
</body>
</html>
```

signup. Php

```
<?php
$redis = new Redis();
$redis->connect('127.0.0.1', 6379);
```

```

$mongo = new MongoDB\Driver\Manager("mongodb://localhost:27017");

$mysqli = new mysqli("localhost", "username", "password", "database");

$username = $_POST['username'];
$email = $_POST['email'];
$password = $_POST['password'];

// Check if username already exists
if ($redis->hexists('users', $username)) {
    echo 'Username already exists';
} else {
    // Hash password
    $hashed_password = password_hash($password,
PASSWORD_DEFAULT);

    // Insert user data into Redis
    $redis->hmset('users', $username, json_encode(['email' => $email,
'password' => $hashed_password]));

    // Insert user data into MongoDB
    $bulk = new MongoDB\Driver\BulkWrite;
    $bulk->insert(['username' => $username, 'profile' => ['age' => null, 'dob'
=> null, 'contact' => null]]);
    $mongo->executeBulkWrite('database.collection', $bulk);

    // Insert user data into MySQL
    $stmt = $mysqli->prepare("INSERT INTO users (username, email,
password) VALUES (?, ?, ?)");

```

```
$stmt->bind_param("sss", $username, $email, $hashed_password);  
$stmt->execute();  
$stmt->close();
```

```
header('Location: login.html');  
exit();
```

```
}
```

```
?>
```

Login.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
    <title>Login</title>
```

```
</head>
```

```
<body>
```

```
    <h1>Login</h1>
```

```
    <form action="login.php" method="post">
```

```
        <label for="username">Username:</label>
```

```
        <input type="text" id="username" name="username"  
required><br><br>
```

```
        <label for="password">Password:</label>
```

```
        <input type="password" id="password" name="password"  
required><br><br>
```

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

```
    </form>
```

```
</body>
```

```
</html>
```

Login.php

```
<?php
session_start();

$redis = new Redis();

$redis->connect('127.0.0.1', 6379);

$mongo = new MongoDB\Driver\Manager("mongodb://localhost:27017");

$mysqli = new mysqli("localhost", "username", "password", "database");

$username = $_POST['username'];
$password = $_POST['password'];

// Check if username exists in Redis
```

Html

```
<!DOCTYPE html>
<html>
<head>
    <title>Signup/Login Page</title>
</head>
<body>
    <h1>Welcome to the Signup/Login Page</h1>
    <form method="post" action="signup.php">
        <h2>Signup</h2>
        <label>Username:</label>
        <input type="text" name="username" required><br><br>
        <label>Email:</label>
        <input type="email" name="email" required><br><br>
```

```
        <label>Password:</label>
        <input type="password" name="password" required><br><br>
        <input type="submit" value="Signup">
    </form>
    <form method="post" action="login.php">
        <h2>Login</h2>
        <label>Username:</label>
        <input type="text" name="username" required><br><br>
        <label>Password:</label>
        <input type="password" name="password" required><br><br>
        <input type="submit" value="Login">
    </form>
</body>
</html>
```

Css

```
body {
    font-family: Arial, sans-serif;
    text-align: center;
}

h1 {
    color: #336699;
}

form {
    display: inline-block;
    text-align: left;
```

```
border: 2px solid #336699;  
padding: 10px;  
margin: 10px;  
}
```

```
label {  
    display: block;  
    margin-bottom: 5px;  
    color: #336699;  
    font-weight: bold;  
}
```

```
input[type="text"], input[type="email"], input[type="password"] {  
    display: block;  
    margin-bottom: 10px;  
    padding: 5px;  
    width: 100%;  
    box-sizing: border-box;  
    border: 1px solid #ccc;  
    border-radius: 3px;  
}
```

```
input[type="submit"] {  
    background-color: #336699;  
    color: #fff;  
    padding: 10px 20px;  
    border: none;
```

```
border-radius: 3px;
cursor: pointer;
}
```

Javascript

// Validation for Signup form

```
function validateSignup() {
    var username = document.forms["signupForm"]["username"].value;
    var email = document.forms["signupForm"]["email"].value;
    var password = document.forms["signupForm"]["password"].value;
    if (username == "" || email == "" || password == "") {
        alert("Please fill in all fields");
        return false;
    }
    return true;
}
```

// Validation for Login form

```
function validateLogin() {
    var username = document.forms["loginForm"]["username"].value;
    var password = document.forms["loginForm"]["password"].value;
    if (username == "" || password == "") {
        alert("Please fill in all fields");
        return false;
    }
    return true;
}
```

Signup.php

```
<?php
// Connect to database
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "myDB";

$conn = mysqli_connect($servername, $username, $password, $dbname);

// Check connection
if (!$conn) {
    die("Connection failed: " . mysqli_connect_error());
}

// Get user input from form
$username = $_POST["username"];
$email = $_POST["email"];
$password = $_POST["password"];

// Check if username already exists in database
$sql = "SELECT * FROM
```

Registration.html

```
<!DOCTYPE html>
<html>
<head>
    <title>Registration Page</title>
```



```
<link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div class="signup-form">
    <h2>Register</h2>
    <form action="register.php" method="POST">
      <input type="text" name="username" placeholder="Username" required>
      <input type="email" name="email" placeholder="Email" required>
      <input type="password" name="password" placeholder="Password"
required>
      <button type="submit" name="submit">Register</button>
    </form>
    <p>Already have an account? <a href="login.php">Login here</a>.</p>
  </div>
</body>
</html>
```

Login.html

```
<!DOCTYPE html>
<html>
<head>
  <title>Login Page</title>
  <link rel="stylesheet" type="text/css" href="style.css">
</head>
<body>
  <div class="login-form">
    <h2>Login</h2>
    <form action="login.php" method="POST">
      <input type="text" name="username" placeholder="Username" required>
```

```
<input type="password" name="password" placeholder="Password"
required>
```

```
<button type="submit" name="submit">Login</button>
```

```
</form>
```

```
<p>Don't have an account yet? <a href="register.php">Register
here</a>.</p>
```

```
</div>
```

```
</body>
```

```
</html>
```

Profile.html

```
<!DOCTYPE html>
```

```
<html>
```

```
<head>
```

```
<title>Profile Page</title>
```

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

```
</head>
```

```
<body>
```

```
<div class="profile-form">
```

```
<h2>Profile</h2>
```

```
<form action="update_profile.php" method="POST">
```

```
<input type="text" name="age" placeholder="Age" required>
```

```
<input type="date" name="dob" placeholder="Date of Birth" required>
```

```
<input type="text" name="contact" placeholder="Contact" required>
```

```
<button type="submit" name="submit">Update</button>
```

```
</form>
```

```
</div>
```

```
</body>
```

```
</html>
```

Css

```
.signup-form, .login-form, .profile-form {  
    width: 500px;  
    margin: 0 auto;  
    padding: 20px;  
    border: 1px solid #ccc;  
    border-radius: 10px;  
    background-color: #f2f2f2;  
}  
  
.signup-form h2, .login-form h2, .profile-form h2 {  
    text-align: center;  
}  
  
.signup-form input[type="text"], .signup-form input[type="email"],  
.signup-form input[type="password"], .login-form input[type="text"],  
.login-form input[type="password"], .profile-form input[type="text"],  
.profile-form input[type="date"] {  
    display: block;  
    width: 100%;  
    margin-bottom: 10px;  
    padding: 10
```