

**Modern Education Society's
Wadia College of Engineering, Pune**

NAME OF STUDENT:	CLASS:
SEMESTER/YEAR:	ROLL NO:
DATE OF PERFORMANCE:	DATE OF SUBMISSION:
EXAMINED BY:	EXPERIMENT NO: MiniProject

ASSIGNMENT – Mini Project

AIM: Mini Project Implementation

TITLE: Online Marriage Registration Portal

OBJECTIVES:

To apply basic programming principles to the construction of websites and effectively manage website projects using available resources.

APPRATUS:

1. Ubuntu 24.04 LTS
2. XAMPP WEB SERVER
3. VS CODE

THEORY:

1. Introduction

The Online Marriage Registration Portal is a web-based application developed to streamline and digitize the conventional marriage registration process. Traditionally, marriage registration involves physical document submission, manual verification, and extended processing times, often resulting in inefficiencies and delays. This project aims to solve these challenges by providing a digital platform using HTML, CSS, JavaScript, PHP, and MySQL, ensuring a secure, transparent, and user-friendly experience for applicants and administrators. The system fosters quicker application handling, minimizes human error, and reduces the environmental impact of paper usage.

2. Objectives

The main objective of this project is to modernize the marriage registration process through a paperless digital system. Specific goals include:

- **User Convenience:** Enable couples to submit their marriage registration applications remotely with necessary documentation uploads.
- **Administrative Efficiency:** Allow authorized personnel to verify, approve, or reject applications with appropriate feedback.
- **Secure Role-Based Access:** Differentiate access rights for users and administrators, ensuring secure and relevant data interaction.
- **Data Integrity and Accessibility:** Store and manage all records within a secure, relational database for quick retrieval and auditing purposes.

3. System Overview

The system is divided into two primary modules to handle different responsibilities and workflows:

3.1 User Module

- **User Registration/Login:** Users can sign up or log in using email and password credentials stored in the `tbluser` table.
- **Application Form:** Upon login, users fill out a detailed marriage registration form including spouse and witness details.
- **Document Upload:** Users upload required documents like identity proofs and marriage photos.
- **Status Tracking:** After submission, users can monitor the progress of their application (Pending, Verified, or Rejected) and view admin feedback.

3.2 Admin Module

- **Admin Authentication:** Admins log in securely using credentials stored in the `tbladmin` table.
- **Dashboard View:** The admin dashboard provides summarized statistics such as total applications, verified records, and rejection rates.
- **Application Management:** Admins review uploaded documents, validate information, change statuses, and provide user feedback through comments.

4. Technologies Used

1. Frontend Technologies:
 - a. HTML5: For structuring the content.
 - b. CSS3: For designing responsive and user-friendly layouts.
 - c. JavaScript: For client-side interactivity and form validation.
2. Backend Technologies:
 - a. PHP: To handle server-side processing, database interactions, session handling, and business logic.
3. Database:
 - a. MySQL: For managing structured data storage, maintaining user profiles, applications, and admin credentials.
4. Security:
 - a. Session Management: To protect sensitive areas and restrict access based on login status.
 - b. Input Validation: To sanitize inputs and prevent SQL injection or other malicious attacks.

5. Database Design

The database, named marriage, is designed with normalization and relational integrity in mind. The three primary tables include:

- tbluser: Contains user registration information such as name, email, contact, and hashed password.
- tblregistration: Stores detailed application information including husband and wife names, witness details, uploaded documents, and application status. This table links to tbluser via a foreign key user_id.
- tbladmin: Stores administrator login credentials (username and password).

Entity Relationships:

- One-to-Many: A single user can submit multiple applications, but each application belongs to one user.
- Cascading Deletes: When a user account is removed, their associated registrations are also deleted, maintaining database integrity.

6. Security Features

Security is a key component of the system design. The following measures are implemented:

- Client-Side Validation: JavaScript validates form inputs before submission.
- Server-Side Validation: PHP ensures proper formatting and prevents unauthorized input from reaching the database.
- Session Handling: PHP sessions maintain login states and restrict access to unauthorized users or admins.
- File Security: Uploaded files are stored in a protected directory with checks for file type and size to prevent malware uploads.

7. Benefits

The proposed system offers numerous benefits to both users and administrators:

- Efficiency: Automates the registration workflow, significantly reducing processing time.
- Transparency: Users receive real-time updates on their application status and admin feedback.
- Scalability: The portal's architecture allows for the integration of additional features like payment gateways, OTP verification, or multi-language support.
- Environmental Sustainability: Going paperless reduces the need for physical storage and contributes to green governance initiatives.

PROGRAM CODE:

1. index.php

```
<!DOCTYPE html>
<html>
<head>
<title>Online Marriage Registration System :: Home Page</title>

<script type="application/x-javascript"> addEventListener("load", function() {
setTimeout(hideURLbar, 0); }, false);
function hideURLbar(){ window.scrollTo(0,1); } </script>

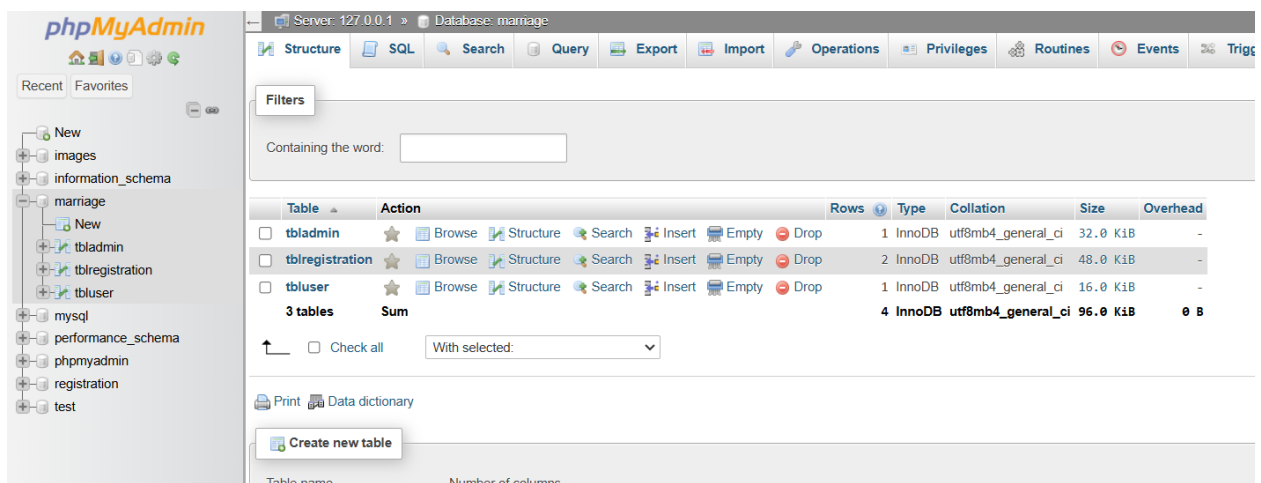
<link href="css/style.css" rel="stylesheet" type="text/css" media="all"/>
<link rel="stylesheet" href="css/font-awesome.css">
<link href="//fonts.googleapis.com/css?family=Basic" rel="stylesheet">
<link href="//fonts.googleapis.com/css?family=Titillium+Web" rel="stylesheet">
</head>
<body>
<div class="w3ls-icons">
<ul style="font-size: 30px">
<li><a href="admin/login.php" style="color: #fff;"> Admin</a></li>
```

```

        <li style="padding-left: 20px"><a href="user/login.php" style="color: #fff;">
User</a></li>
    </ul> </div>
<div class="w3ls-head"> <h1>Online Marriage Regitration System</h1></div>
<div class="w3ls-content">
    <div class="w3ls-headding">
        <h2> </h2>
        <p>We are launching the most awesome site ever. It's gonna be legendary</p>
    </div></div>
<footer>Online Marriage Registration System</footer>
</body></html>

```

PHPMYADMIN

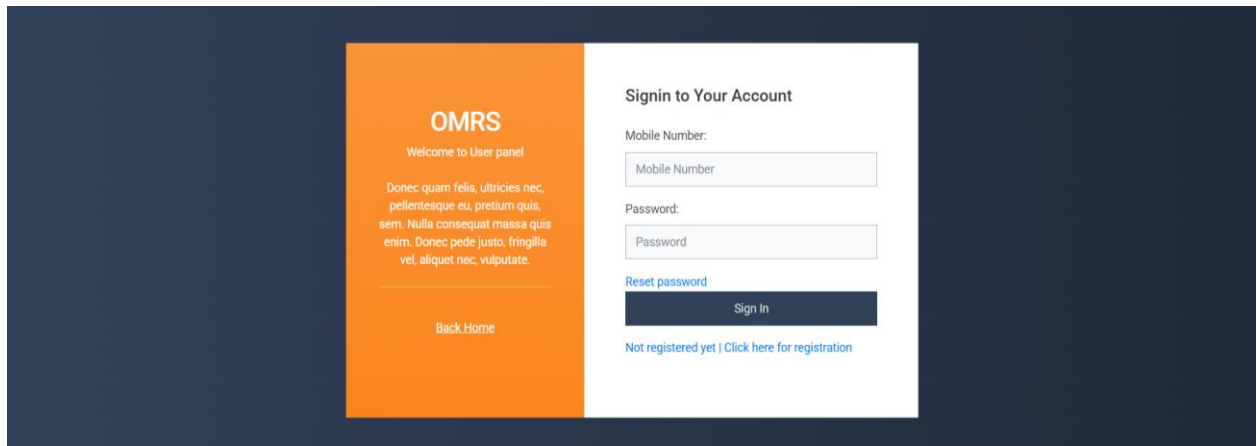


OUTPUTS:

1. HomePage



2. User Login Page



The login page features a dark blue background. On the left, an orange vertical panel contains the text "OMRS" in white, followed by "Welcome to User panel" and a paragraph of placeholder text. Below this is a "Back Home" link. On the right, a white panel titled "Signin to Your Account" contains input fields for "Mobile Number" and "Password", a "Reset password" link, a "Sign In" button, and a "Not registered yet | Click here for registration" link.

OMRS
Welcome to User panel

Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate.

[Back Home](#)

Signin to Your Account

Mobile Number:

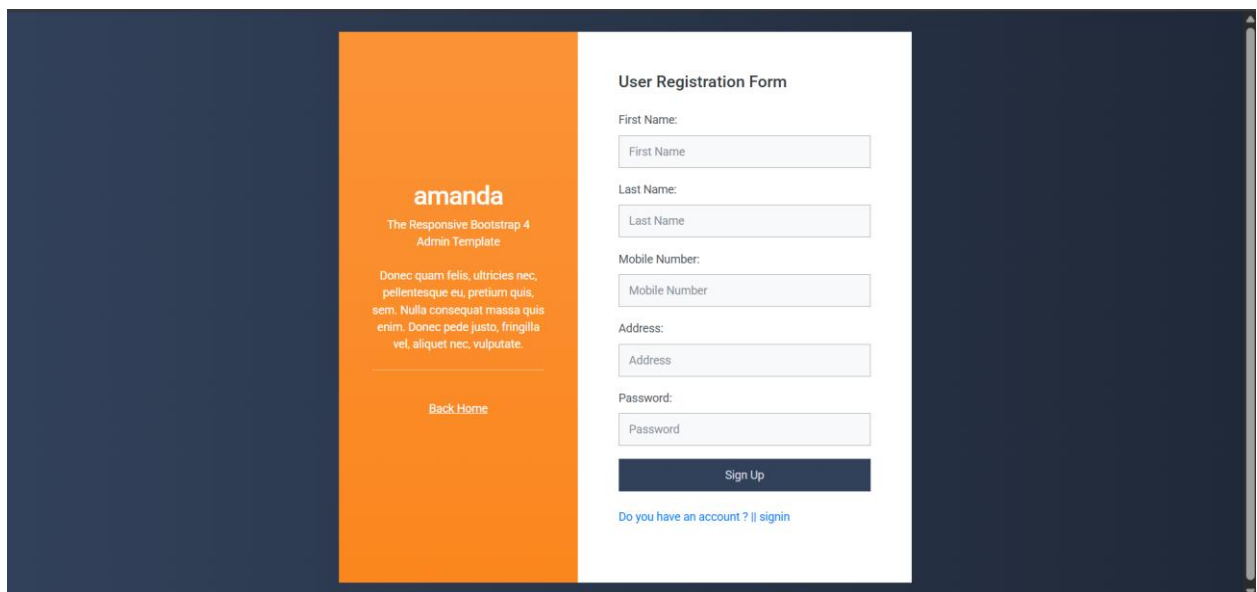
Password:

[Reset password](#)

[Sign In](#)

[Not registered yet | Click here for registration](#)

3. User Registration Page



The registration page has a dark blue background. The left orange panel displays "amanda" as the user name, followed by "The Responsive Bootstrap 4 Admin Template" and a paragraph of placeholder text, with a "Back Home" link below. The right white panel, titled "User Registration Form", includes input fields for "First Name", "Last Name", "Mobile Number", "Address", and "Password", a "Sign Up" button, and a "Do you have an account ? || [signin](#)" link.

amanda
The Responsive Bootstrap 4 Admin Template

Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate.

[Back Home](#)

User Registration Form

First Name:

Last Name:

Mobile Number:

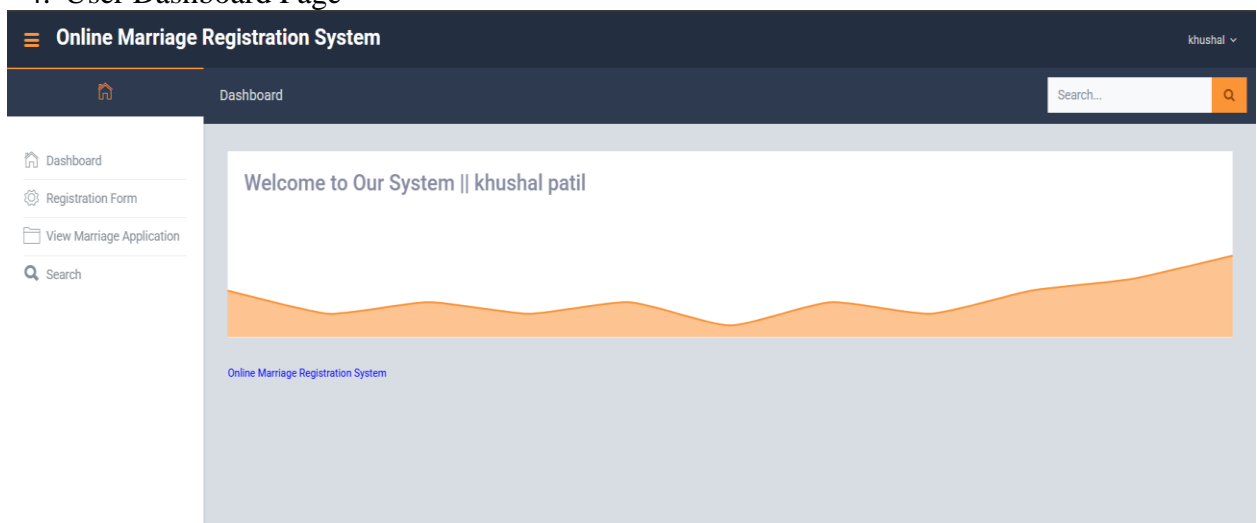
Address:

Password:

[Sign Up](#)

[Do you have an account ? || signin](#)

4. User Dashboard Page



The dashboard page has a dark blue header with the title "Online Marriage Registration System" and a user profile "khushal". Below the header is a sidebar with links to "Dashboard", "Registration Form", "View Marriage Application", and "Search". The main content area has a light blue background and features a "Welcome to Our System || khushal patil" message, a decorative orange wave graphic, and a link to "Online Marriage Registration System".

Online Marriage Registration System

khushal

Dashboard

Search...

[Dashboard](#)

[Registration Form](#)

[View Marriage Application](#)

[Search](#)

Welcome to Our System || khushal patil

[Online Marriage Registration System](#)

5. User Registration Form

Online Marriage Registration System

khushal

Registration Form

Dashboard

Registration Form

View Marriage Application

Search

Registration Form

Date of Marriage:^{*}

yyyy-mm-dd

1 HUSBAND DETAILS

Name of Husband:^{*}

Photo:^{*}

Choose File

No file chosen

Religion:^{*}

Date of Birth:^{*}

yyyy-mm-dd

Marital Status Before Marriage:^{*}

Select Status

Address:^{*}

Zipcode:^{*}

State:^{*}

Enter Adahar Number:^{*}

2 WIFE DETAILS

Name of Wife:^{*}

Photo:^{*}

Choose File

No file chosen

Religion:^{*}

Date of Birth:^{*}

yyyy-mm-dd

Marital Status Before Marriage:^{*}

Select Status

Address:^{*}

Zipcode:^{*}

State:^{*}

Enter Adahar Number:^{*}

3 WITNESS DETAILS

Full Name of Witness:^{*}

Address:^{*}

Full Name of Witness:^{*}

Address:^{*}

Full Name of Witness:^{*}

Address:^{*}

ADD

6. Admin Login Page

OMRS

Welcome to Admin Panel

Donec quam felis, ultricies nec, pellentesque eu, pretium quis, sem. Nulla consequat massa quis enim. Donec pede justo, fringilla vel, aliquet nec, vulputate.

[Back Home](#)

Signin to Your Account

User Name:

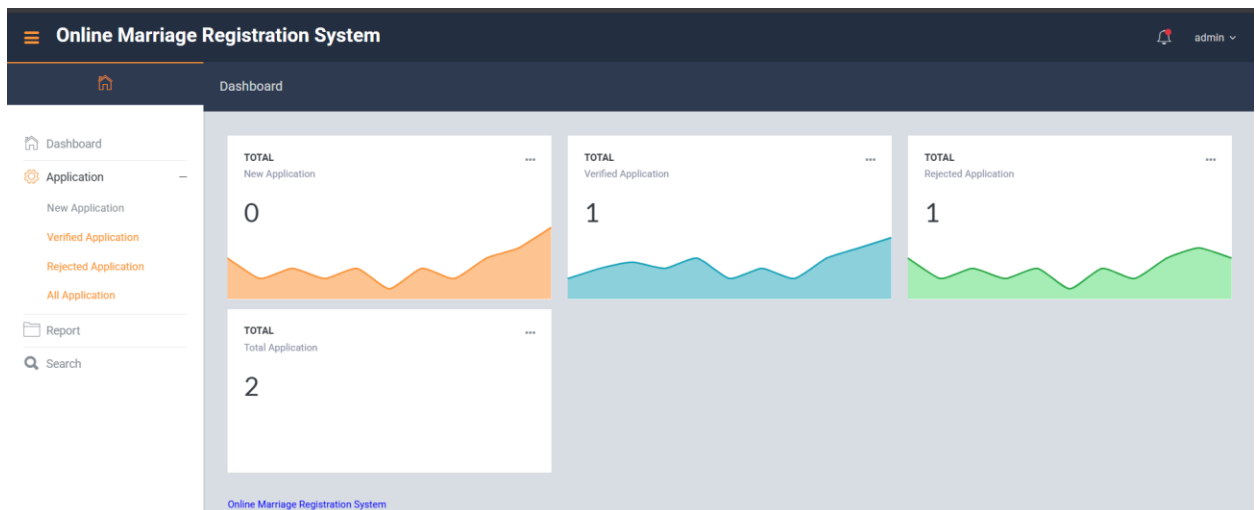
Password:

☒ Remember me

[Sign In](#)

[Reset password](#)

7. Admin Dashboard Page



8. Admin View Application Page

Online Marriage Registration System

admin

All Marriage Application

Dashboard

Application

- New Application
- Verified Application
- Rejected Application
- All Application

Report

Search

ALL MARRIAGE APPLICATION

10 items/page

Search...

S.NO	REG NUMBER	HUSBAND NAME	DATE OF MARRIAGE	STATUS	ACTION
1	411080851	abc	0000-00-00	Verified	View
2	861947920	asf	2025-04-20	Rejected	View

Showing 1 to 2 of 2 entries

[Previous](#) [1](#) [Next](#)

Online Marriage Registration System

9. Admin Application Action Page

Online Marriage Registration System

admin

View Marriage Application

Dashboard

Application

New Application

Verified Application

Rejected Application

All Application

Report

Search

VIEW MARRIAGE APPLICATION

Registration Number: 411080851


User Details

First Name	khushal	Last Name	patil	Mobile Number	7689765687	Address	pune
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Application Details

Date of Marriage: 0000-00-00

Husband Details

Name	abc	Religion	Hindu	Date of Birth	0000-00-00	Status Before Marriage	Married	 Photo of Groom
Address	at pune	Zipcode	321232	State	Maharashtra	Aadhar Number	235236658596	

Wife Details

Name	asdklfj	Religion	hindu	Date of Birth	0000-00-00	Status Before Marriage	Married	 Photo of Bride
Address	at kadsf	Zipcode	321232	State	delhi	Aadhar Number	123456789565	

Witness Details

S.No	Witness Name	Witness Address	
1	asdf	at pune	
2	asdf	pune	
3	asdf	pune	
Order Final Status	Your application has been verified	Admin Remark	Verified

CONCLUSION:

The Online Marriage Registration Portal is a complete web solution to simplify and modernize the marriage registration process. By offering a secure, accessible, and efficient platform for both users and administrators, the system ensures convenience, reduces the workload of administrative staff, and promotes transparency and digitization. This project also demonstrates a strong understanding of full-stack web development, database design, and user experience principles.