## Project Overview

This project is a web application developed for [**Anna University Regional**  Campus Madurai]. It includes functionalities for user login, registration, and password recovery. The primary aim is to provide a secure and user-friendly interface for students and staff to access various online resources.

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## 1. Introduction

The web application is designed to manage user authentication efficiently. It includes a secure login system, a registration process for new users, and a feature to recover forgotten passwords. This system is developed specifically for [Your College Name] to streamline access to digital resources.

## 2. Project Features

- User Login

- User Registration

- Forgot Password

- Secure Password Storage

- Email Verification (optional)

- Responsive Design

## 3. Technical Requirements

- \*\*Frontend:\*\* HTML, CSS, JavaScript

- \*\*Backend:\*\* PHP, Node.js, or any other server-side language

- \*\*Database:\*\* MySQL or any other relational database

- \*\*Server:\*\* Apache, Nginx, or any other web server

- \*\*Additional Libraries/Frameworks:\*\* Bootstrap, jQuery, etc.

## 4. System Architecture

Describe the overall architecture of your system. Include details about the server, database, client-side technologies, and how they interact.

## 5. User Interface Design

Explain the design principles followed for the user interface. Provide screenshots or wireframes for each of the main components:

- Login Page

- Registration Page

- Forgot Password Page

## 6. Implementation Details

### Login

1. \*\*Description:\*\* The login page allows registered users to enter their credentials to access the system.

2. \*\*Form Fields:\*\*

- Email/Username

- Password

3. \*\*Process:\*\*

- User enters email/username and password.

- The system checks the credentials against the database.

- If valid, the user is redirected to the dashboard. If invalid, an error message is displayed.

### Registration

1. \*\*Description:\*\* The registration page allows new users to create an account.

2. \*\*Form Fields:\*\*

- Name

- Email

- Password

- Confirm Password

- Role

3. \*\*Process:\*\*

- User fills in the registration form.

- The system checks for duplicate emails and validates the inputs.

- Upon successful validation, the user is added to the database.

- An email verification link is sent to the user (optional).

### Forgot Password

1. \*\*Description:\*\* The forgot password page allows users to reset their password if they have forgotten it.

2. \*\*Form Fields:\*\*

- Email

3. \*\*Process:\*\*

- User enters their email address.

- The system checks if the email exists in the database.

- If it exists, a password reset link is sent to the user's email.

- User clicks on the link and is redirected to a page to enter a new password.

## 7. Conclusion

This web application provides a robust solution for user authentication tailored to the needs of [Anna University Regional Campus Madurai]. It ensures security and ease of use, making it a valuable addition to the college's digital infrastructure.

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Feel free to customize this document to better fit your specific project requirements and details.