Requirement Analysis

Project: User Authentication System

Application Name: AuthSphere

Project Overview

The objective of this project is to develop a secure and scalable authentication system that provides User Registration, User Login, Forgot Password functionality, and Google Sign-In integration. The system follows a clean MVC architecture with RESTful communication between client and server.

Target Users

- Individual Users
- Web Application Users
- Google Account Users

Type of Application

- Web-based Authentication System
- Full-Stack Authentication Module

Total Members

1 Member (Developer)

Unique Selling Point (USP)

- Secure password encryption (BCrypt)
- JWT-based stateless authentication
- Google OAuth 2.0 integration

- Clean and scalable authentication architecture

Core Features

- User Registration with secure password storage
- User Login with JWT token generation
- Forgot Password with secure reset token mechanism
- Google Sign-In with OAuth token verification