

# EVENT MANAGEMENT SYSTEM DOCUMENTATION

## 1. Introduction

This document explains the complete full-stack system using Laravel and MySQL. It is suitable for beginner students and competitions.

## 2. Objectives

- Understand full-stack architecture
- Learn database design
- Implement CRUD operations
- Apply authentication and authorization

## 3. Technology Stack

- Frontend: HTML, CSS, Bootstrap/Tailwind
- Backend: PHP Laravel
- Database: MySQL

## 4. User Roles

- Admin
- User

## 5. Database Schema

Tables with attributes and relationships are explained in detail for students.

## 6. Core Modules

- Authentication Module
- User Dashboard
- Admin Panel
- CRUD Operations

## 7. Pages Description

Each page includes purpose, inputs, outputs, and validations.

## 8. SQL Queries Examples

- INSERT
- SELECT
- UPDATE
- DELETE

## 9. Laravel Folder Structure

Explanation of Controllers, Models, Views, Routes, Middleware.

## 10. Security Measures

- Validation
- Authentication
- Authorization

## 11. Conclusion

This project prepares students for real-world Laravel development and competitions.