

Event Management System - Setup Documentation

The system includes a frontend (HTML/CSS/JavaScript) and a backend (Node.js with Express and MySQL).

Prerequisites

Before you begin, ensure you have the following installed on your system:

1. **Node.js** (v14 or later) - [Download Node.js](#)
2. **MySQL** (v5.7 or later) - [Download MySQL](#)
3. **Git** (optional) - [Download Git](#)

Create MySQL Database

1. Open your MySQL command line or MySQL Workbench
2. Run the following commands:

```
CREATE DATABASE event_management;
USE event_management;
```

Create Tables

Run these SQL commands to create the necessary tables:

These commands are present in event_management.sql

Backend Setup

Create Project Folder

1. Create a new folder for your project
2. Open terminal/command prompt in this folder

Initialize Node.js Project

```
npm init -y
```

Install Required Packages

```
npm install express mysql2 bcryptjs jsonwebtoken cors dotenv
```

Create server.js File

Create a file named server.js in your project root and paste the content from the provided server.js file.

Create a .env file in your project root with these contents:

```
JWT_SECRET=your_jwt_secret_here  
DB_HOST=localhost  
DB_USER=root  
DB_PASSWORD=your_mysql_password  
DB_NAME=event_management2  
PORT=3000
```

Replace your_mysql_password with your actual MySQL password.

Frontend Setup

Create Frontend Structure

Create this folder structure in your project:

```
/frontend  
  /admin  
    adminDashboard.html  
  /organizer  
    organizerDashboard.html  
    createEvent.html  
    Edit.html  
    trackExpense.html  
    viewRegisteredStudents.html  
  /student  
    studentDashboard.html  
    login.html
```

Add HTML Files

Copy the content from each provided HTML file to its corresponding location in your project.

Run the Application

Start the Backend Server

From your project root, run:

```
node server.js
```

You should see:

 Connected to MySQL Database

 Server running on port 3000

Install Live Server

```
npm install -g live-server
```

Running Live Server

1. Open a new terminal window/tab
2. Navigate to your frontend directory:

```
cd frontend
```

3. Start the live server:

```
live-server --port=5500
```

- Automatically open your default browser to <http://localhost:5500/login.html>

Access the Application

Open your browser and navigate to:

<http://localhost:3000/frontend/login.html>

Using the Application

Login Credentials

- **Admin:**
 - Username: sukeshrakshit
 - Password: admin123
- **Organizer/Student:** Register new accounts through the login page

MySQL database:

```

mysql> use event_management;
Database changed
mysql> select * from users;
+----+-----+-----+-----+
| id | name | email           | password          |
+----+-----+-----+-----+
| 1  | sanjana | se22uar1153@mahindrauniversity.edu.in | $2b$10$GrcVlveNWyg1JImyRKGukWF177zNR0v29lV2zRjTj0tq3eovC.6m |
| 2  | Suwesh Rakshit | suweshrakshit@mahindrauniversity.edu.in | $2b$10$SeckTnc6RaAVlaoYzv9FF.sP6nequkX9VzbhBz7t/bMJDus8XYVC |
| 4  | susmitha | se22uar1170@mahindrauniversity.edu.in | $2b$10$tcA5n0Ino2tUngw8Z02.QOLc0eZf9DxuMPQ35PvUbz2o262YbX7Dy |
| 7  | sachethan | sachethan@mahindrauniversity.edu.in | $2b$10$USun0H/xVgfqxiFRxwNUgetBVExLJLdbXhMg3RcnaCNFv4pXwRQC |
| 8  | sameera | sameera@mahindrauniversity.edu.in | $2b$10$kaJeouPeLXZulRisxxrANOn3xPRN/OcIndIVxPRXab99aq3Xqle |
| 9  | chandanam | chandanam@mahindrauniversity.edu.in | $2b$10$2ayNk1V.y.JmgsrKKc0c3.IAfDB1JC0RyBz7jsl.WXcpOQgqS2z |
| 10 | chaitanya | chaitanya@mahindrauniversity.edu.in | $2b$10$9pKcczb3ptuhKau4u6jsCo5yMdsSE/EN7omfppgiIufsfu0d0 |
| 11 | organizer | organizer@mahindrauniversity.edu.in | $2b$10$Qu.Ch5cHT2.BhnhKxJHm.2pxz13HnuctizLzBLKrt18s0kBjQj2 |
+----+-----+-----+-----+
8 rows in set (0.01 sec)

mysql> select * from events;
+----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| id | organizer_id | event_name | date_time           | venue           | description | max_students | total_budget | status | created_at | rejection_reason |
+----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
| 20 | 11           | event B    | 2025-05-27 22:24:00 | BBA Stage      | fun and lights | 12          | 12000.00     | rejected | 2025-05-07 22:24:00 | fhj |
| 21 | 11           | Event C    | 2025-05-30 10:12:00 | InFront of Ecole Center | sparkles       | 12          | 123.00       | approved  | 2025-05-08 10:13:39 | NULL |
| 28 | 11           | event A    | 2025-05-20 10:48:00 | InFront of Ecole Center | abcd           | 12          | 1000.00      | approved  | 2025-05-08 10:49:18 | NULL |
+----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
3 rows in set (0.00 sec)

mysql> select * from expenses;
+----+-----+-----+-----+-----+-----+
| id | event_id | category | actual_spent | total_budget | total_amount_spent | remaining_budget |
+----+-----+-----+-----+-----+-----+
| 6  | 28        | music    | 100.00       | 1000.00     | 100.00           | 900.00          |
+----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

mysql> select * from registrations;
+----+-----+-----+-----+-----+-----+-----+
| id | event_id | event_name | user_id | student_name | email_id           | registered_at | status |
+----+-----+-----+-----+-----+-----+-----+
| 9  | 27        | Event C    | 1       | sanjana       | se22uar1153@mahindrauniversity.edu.in | 2025-05-08 10:17:15 | registered |
| 10 | 28        | event A    | 4       | susmitha     | se22uar1170@mahindrauniversity.edu.in | 2025-05-08 11:03:49 | registered |
+----+-----+-----+-----+-----+-----+-----+
2 rows in set (0.00 sec)

```