System requirement specifications

1. **Introduction**
   1. **Purpose-** The purpose of this document is to define the functional and non-functional requirements for an event management website.The website will allow users to browse, search, and book tickets for various events. The system will be designed to provide a seamless user experience, secure payment transactions, and easy event management for administrators.
   2. **Scope-** the name of the software is event management website.system will be

referred to as EMW

**Do’s-** 1. Issue of login id and password to system operators

2.Maintain event details and details of event organiser

3.Maintain details of attendes in the event to provide tickets

4. Issues tickets

5.Reserve seats and bookings

6.Generates reports,tickets and passes

7.Provides a search facility for nearby events

* 1. **Definitions, acronyms and abbreviations**

**SRS:** Software requirement specification

**EMW:** event management website

**System operator:** System administrator, attendee, event organiser

**RAM:** Random access memory

**Login id:** It is a unique sequence ID allocated to each attendee or organiser in the catalog .

**attendee:** Any candidate admitted in a programme offered by a school.

**System administrator/Administrator:** User having all the privileges to operate the EMW.

**Event organiser:** actor that organises the event.

**Definitions**:

**Event management Website**: A website that provides access to events for attendees to browse at their own pace and convenience.

**Event Catalog**: A comprehensive list of all available events offered on the website.

**Event details**: Any digital content provided to attendees to help them learn, including videos, presentations, reviews about the event.

**registration**: The process by which attendees sign up and book tickets for the event

**User Profile**: A personal account on the website where a user can manage their personal information and view nearby events and payment info.

**Event Progress**: The tracking of a attendees or organisers through a event, including completed programs and payment info.

**Customer Support**: The assistance provided to attendees with any technical or customer service issues they may encounter on the website.

**Reviews**: attendees are allowed to post and give feedback to the other attendees about the event.

**Acronyms**:

**SRS**: Software Requirements Specification

**UI**: User Interface

**UX**: User Experience

**EMS**: Event Management System

**API**: Application Programming Interface

**Abbreviations**:

**FAQ**: Frequently Asked Questions

**SSL**: Secure Sockets Layer

**HTTP**: Hypertext Transfer Protocol

**HTML**: Hypertext Markup Language

**CSS**: Cascading Style Sheets

**JS**: JavaScript

**SQL**: Structured Query Language

**2. Overall description**

**2.1 Product perspective**

**2.1.1 System interfaces**

**2.1.2 User interfaces**

**2.1.3 Hardware interfaces**

**2.1.4 Software interfaces**

**2.1.5 Communications interfaces**

**2.1.6 Memory constraints**

**2.1.7 Operations**

**2.1.8 Site adaptation requirements**

**2.2 Product functions**

**2.3 User characteristics**

**2.4 Constraints**

**2.5 Assumptions and dependencies**

**2.6 Apportioning of requirements**

**3. Specific requirements**

**3.1 External interfaces**

**3.2 Functions**

**3.3 Performance requirements**

**3.4 Logical database requirements**

**3.5 Design constraints**

**3.5.1 Standards compliance**

**3.6 Software system attributes**

**3.6.1 Reliability**

**3.6.2 Availability**

**3.6.3 Security**

**3.6.4 Maintainability**

**3.6.5 Portability**

**3.7 Organizing the specific requirements**

**3.7.1 System mode**

**3.7.2 User class**

**3.7.3 Objects**

**3.7.4 Feature**

**3.7.5 Stimulus**

**3.7.6 Response**

**3.7.7 Functional hierarchy**

**3.8 Additional comments**

**4. Supporting information**