EVENT LINK

**ADMIN**

* PROFILE
* ADD POST
* DASHBOARD
* LOGOUT
* FEEDBACK / REPORT

1. PROFILE

* PROFILE-IMG
* COLLEGE NAME
* PHONE NO.
* LOCATION / ADDRESS
* EMAIL – ID

1. ADD – POST

* COVER – IMG
* EVENT NAME
* EVENT DESCRIPTION
* CATEGORY – [CULTURAL , TECHNICAL , SOCIAL , PLACEMENT ]
* CONTACT
* EMAIL
* GOOGLE – FORM LINK
* COLLEGE NAME
* EVENT DATE
* VENUE

1. DASHBOARD

* PROFILE IMG AND DATA
* ANALYTICS
* NUMBER OF POSTS – [ PREVILAGE TO EDIT / DELETE POST ]

**USERS**

* PROFILE
* DASHBOARD – [ REAL TIME POSTS ]
* LOGOUT
* FEEDBACK / REPORT

1. PROFILE

* PROFILE IMG
* NAME
* CONTACT
* EMAIL
* COLLEGE NAME
* CLG\_ADDRESS

1. DASHBOARD

* REAL TIME POSTS
* CATEGORY – [ CULTURAL , SOCIAL , TECHNICAL , PLACEMENT ]
* VIEW POSTS AS AN INVITATION TEMPLATE

DATABASE

USERS =

* UID
* EMAIL
* USER\_TYPE
* PASSWORD

ADMIN\_PROFILE =

* ADMIN\_ID
* PROFILE\_IMAGE
* COLLEGE\_NAME
* PHONE\_NO
* EMAIL
* ADDRESS
* UID

ADD\_POST =

* POSTS\_ID
* COVER\_IMAGE
* EVENT\_NAME
* EVENT\_DESCRIPTION
* CATEGORY\_ID
* CONTACT
* EMAIL
* GOOGLE\_FORM\_LINK
* UID
* ADMIN\_ID
* COLLEGE\_NAME
* EVENT\_DATE
* VENUE

CATEGORY =

* CATEGORY\_ID
* CATEGORY\_NAME

USER PROFILE

* USER\_PROFILE\_ID
* PROFILE\_IMG
* COLLEGE\_NAME
* CONTACT
* EMAIL
* CLG\_ADDRESS
* NAME
* UID

**CONTACT\_PREFERENCE\_TYPE**

* CONTACT\_PREFERENCE\_ID
* PREFERENCE NAME

**FEEDBACK**

* FID
* NAME
* EMAIL
* FEEDBACK\_ID
* FEEDBACK\_SUBJECT
* FEEDBACK\_DESC
* RATINGS
* ATTACHMENTS
* CONTACT\_PREFERENCE\_ID
* UID
* ADMIN\_ID
* USER\_PROFILE\_ID

**FEEDBACK\_TYPE**

* **FEEDBACK\_ID**
* **FEEDBACK\_NAME**

**OPTS**

* OPT\_ID
* EMAIL
* OTP
* CREATED\_AT

**Software Requirement Specification (SRS) for EVENT LINK**

**1. Introduction**

**1.1 Purpose**

**The purpose of this Software Requirement Specification (SRS) document is to provide a comprehensive overview of the functional and non-functional requirements for EVENT LINK, a social media app and website designed to aggregate posts related to various types of events.**

**1.2 Scope**

**This document covers the requirements for the development of EVENT LINK, including user roles, their privileges, and the entire user journey within the platform.**

**1.3 Document Conventions**

**User Roles: Refers to Admin, User, and Developer roles.**

**[BR]: Denotes a functional requirement.**

**[NFR]: Denotes a non-functional requirement.**

**2. Functional Requirements**

**2.1 User Registration and Login**

**[BR] Users must be able to register with a valid email address and password.**

**[BR] Users must confirm their email address for account activation.**

**[BR] Users must be able to log in using their registered email and password.**

**[BR] Users must have the option to reset their password if forgotten.**

**2.2 User Roles and Privileges**

**2.2.1 Admin Role**

**[BR] Admins can add, edit, or delete event-related posts.**

**[BR] Admins can set up their profile details.**

**[BR] Admins can view and manage user reports and feedback.**

**2.2.2 User Role**

**[BR] Users can view event-related posts.**

**[BR] Users can set up their user profile.**

**[BR] Users can like, comment on, and share posts.**

**[BR] Users can filter posts based on their interests.**

**2.2.3 Developer Role**

**[BR] Developers can access and analyze feedback and reports.**

**[BR] Developers can use data analytics to improve the platform.**

**2.3 User Journey**

**[BR] After registration, users are directed to the appropriate profile setup based on their role (Admin Profile Setup or User Profile Setup).**

**[BR] After profile setup, users are directed to the dashboard where they can view posts relevant to their interests.**

**[BR] Users and Admins can interact with posts by liking, commenting on, and sharing them.**

**[BR] Users and Admins can report inappropriate content.**

**[BR] Developers can access feedback and reports from users and admins.**

**2.4 Admin Adding Posts**

**[BR] Admins can create event-related posts, including event details, images, and descriptions.**

**[BR] Admins can edit or delete posts they have created.**

**3. Non-Functional Requirements**

**3.1 Performance**

**[NFR] The platform should support a minimum of 10,000 concurrent users.**

**[NFR] Response time for user interactions (e.g., liking, commenting) should be under 2 seconds.**

**3.2 Security**

**[NFR] User data, including personal information, must be securely stored and encrypted.**

**[NFR] Admin accounts must have enhanced security measures to prevent unauthorized access.**

**3.3 User Experience**

**[NFR] The user interface must be intuitive and user-friendly.**

**[NFR] The platform should be accessible on various devices and browsers.**

**3.4 Scalability**

**[NFR] The platform should be scalable to accommodate future growth in user numbers and content.**

**3.5 Data Privacy**

**[NFR] Compliance with data privacy regulations, including GDPR and CCPA, is mandatory.**

**4. Conclusion**

**This Software Requirement Specification (SRS) document outlines the functional and non-functional requirements for EVENT LINK, a social media app and website. It covers user roles, privileges, the user journey, and key system attributes. These requirements serve as the foundation for the development of EVENT LINK to centralize event-related information and provide a dedicated platform for event-related posts.**

**Admin Dashboard Sections**

1. **Total No. of Users**
   * **Description: This section displays the total number of registered users on the platform.**
2. **Total No. of Admins**
   * **Description: This section displays the total number of administrators registered on the platform.**
3. **Total No. of Feedbacks**
   * **Description: This section displays the total number of feedback received from users.**
4. **Total No. Of Posts**
   * **Description: This section displays the total number of posts created on the platform.**
5. **Line Graph Of the 4 Counts Monthly**
   * **Description: This section presents a line graph representing the monthly trends for various counts, including users, admins, feedbacks, and posts.**
6. **Recently Received Feedbacks**
   * **Description: This section provides a list of the most recently received feedbacks, including details like name, feedback subject, and date received.**
7. **Bar Graphs**
   * **Description: This section includes various bar graphs that represent distributions of different data categories, such as feedback ratings, post categories, and user types.**
8. **Geographical Chart for Users Location**
   * **Description: This section displays a geographical chart showing the distribution of users based on their location. Note: Requires latitude and longitude coordinates for user locations.**
9. **Pie Chart**
   * **Description: This section includes a pie chart representing distributions of data, such as user types and feedback types.**

**Manage Team**

1. **List of Admins**
   * **Description: This section displays a list of all administrators registered on the platform, along with their profile information.**
   * **Data Fields:**
     + **Admin ID**
     + **Profile Image**
     + **College Name**
     + **Phone Number**
     + **Email**
     + **Address**
   * **Actions:**
     + **Edit (Button)**
     + **Delete (Button)**
2. **List of Users**
   * **Description: This section displays a list of all users registered on the platform, along with their profile information.**
   * **Data Fields:**
     + **User ID**
     + **Profile Image**
     + **College Name**
     + **Contact**
     + **Email**
     + **College Address**
     + **Name**
   * **Actions:**
     + **Edit (Button)**
     + **Delete (Button)**
3. **Edit Admin Profile**
   * **Description: This section allows administrators to edit their profile information.**
   * **Editable Fields:**
     + **Profile Image**
     + **College Name**
     + **Phone Number**
     + **Email**
     + **Address**
4. **Edit User Profile**
   * **Description: This section allows users to edit their profile information.**
   * **Editable Fields:**
     + **Profile Image**
     + **College Name**
     + **Contact**
     + **Email**
     + **College Address**
     + **Name**
5. **Remove Admin**
   * **Description: This section allows the removal of administrators from the platform.**
6. **Remove User**
   * **Description: This section allows the removal of users from the platform.**

**Pages**

1. **Add Data Form**
   * **Description: This page allows administrators to add new data to the platform using a form. The form will include fields for relevant information related to the data being added.**
   * **Form Fields (Example):**
     + **Data Type**
     + **Title**
     + **Description**
     + **Category**
     + **Contact**
     + **Email**
     + **Date**
     + **Venue**
     + **...**
     + **Submit Button**
2. **Feedbacks / Reports**
   * **Description: This page provides administrators with a list of feedback and reports received from users. It includes details like the name of the sender, email, feedback subject, description, ratings, attachments, and contact preference.**
   * **Data Fields:**
     + **Feedback ID**
     + **Name**
     + **Email**
     + **Feedback Subject**
     + **Feedback Description**
     + **Ratings**
     + **Attachments**
     + **Contact Preference**
   * **Actions:**
     + **View Details (Button)**

**Charts**

1. **Bar Graph**
   * **Description: This chart provides a visual representation of data using horizontal or vertical bars. It's useful for comparing categories or showing changes over time.**
   * **Example Use Cases:**
     + **Feedback Ratings Distribution**
     + **Post Categories Distribution**
     + **User Types Distribution (Admin vs. Regular User)**
2. **Pie Chart**
   * **Description: This chart displays data in a circular graph, where each slice represents a proportion of the whole. It's useful for showing the composition of a dataset.**
   * **Example Use Cases:**
     + **Feedback Types Distribution**
3. **Geographical Chart**
   * **Description: This chart displays data on a map, showing the distribution of data points based on their geographical coordinates (latitude and longitude).**
   * **Example Use Cases:**
     + **User Location Distribution**
     + **Event Venue Distribution**
4. **Line Graph**
   * **Description: This chart uses a series of data points connected by straight lines. It's useful for showing trends or changes over a continuous period.**
   * **Example Use Cases:**
     + **Monthly Trends of Users, Admins, Feedbacks, and Posts**
     + **Historical Data Trends**