

Project scope:-

1. The project involves developing a web application that enables users to discover events and programs happening in specific locations using an interactive map interface.
2. Users can search, filter, and view details of events conveniently based on their geographical preferences.

User Features:-

1. **Map interface:-** interactive map that indicates the events based on the geographical coordinates.
2. **Event listing:-** Users can find an event in that particular area, within the map marked or in a separate list view.
3. **Search and Filtering:-** Users can search for an event on the basis of keywords, type of events, date and location. Filtering allows the user to refine the list and to select the event more easily.
4. **Event details:-** clicking on the map indicator or the event in the list should provide the details of the event including date and time, location, event organizer details, attached images or videos and also the contact details.
5. **User interaction:-** Users can save a particular event into their favourite list and can share the event in social media. Registering for events If applicable (with links to event registration pages).

Admin Features:-

1. **Event management:-** Admin can aid to the user experience by adding new events, editing or updating the existing event or deleting an event.
2. **Category management:-** allows users to filter the events more conveniently.
3. **User management:-** Allows admin to manage user accounts, reset password and to manage permissions.

Legal and compliance consideration:-

1. **Data privacy:-** Ensure compliance with data protection regulations when collecting and processing user data.
2. **Terms of use:-** Define terms of use and privacy policies to inform users about data handling practices and user rights.

Other Features:-

1. **Event recommendations**

- 2. Social media integration**
- 3. Real time updates on events**