

## Assignment 2:

Requirements Gathering - Conduct a 30-minute mock interview to gather requirements for a fictional app that helps organize community events. Summarize the requirements and how you would document and trace them in a one-page brief.

## Summary:

The Community Event organization app's aim is to streamline the process of planning and managing community events. It provides a platform for organizers to create and coordinate events efficiently. The key requirements include event creation and management, attendee registration, volunteer coordination, communication tools and feedback gathering.

## Requirements for Community Event Application

- **Event Creation and Management**

Organizers to create new events, specifying details such as date, time and location.

- **Attendee Registration**

Easy registration process for attendees.

- **Communication Tools**

Automated email notifications for event updates, reminders, and important announcements.

- **Feedback Gathering**

Surveys or rating systems to assess event satisfaction and gather suggestions for improvement.

- **Volunteer Coordination**

Volunteer scheduling and task assignment functionalities.

## Documentation and Tracing

- **Requirement Analysis:**

Conduct stakeholder interviews and surveys to gather requirements.  
Document requirements in a Requirements Specification Document.

- **Planning:**

Define the development methodology (e.g., Agile, Waterfall) based on project requirements.  
Identify required time and risk.

- **Design:**

Design the user interface (UI) and user experience (UX) of the app.  
Architect the system, defining components, modules, and database structures.

- **Implementation:**

Develop the app according to the design specifications.

Utilize programming languages and frameworks suitable for mobile app development (e.g., iOS, Android).

Implement features such as event creation, attendee registration, volunteer coordination, Communication tools and feedback gathering.

- **Testing:**

Carry out system testing to validate the app against the requirement.

Test to assess user interaction and experience.

- **Deployment:**

Prepare the app for deployment to the app stores (e.g. Play Store).

- **Maintenance:**

Address bugs or issues that are there in the live Environment if their fix those issues.

Continuously update the app to add new features based on user feedback.