

**SP-32: EVENT TRACKER  
REQUIREMENTS DOCUMENT  
CS 4850 – SECTION 01 – FALL 2023  
09/24/2023  
Professor PERRY**



Warren Fongang



Steeve Mocto



Kerian Junior Ebot Agbor



Angie Djonkep

# 1.0 Introduction

## 1.1 Overview

The Event Tracker App represents a groundbreaking solution tailored to the unique needs of our campus community. This innovative mobile application has been meticulously crafted to enhance the experience of students, faculty, and staff by simplifying the discovery and management of events within our university.

**Discovery and Engagement:** At its core, the Event Tracker App serves as a dynamic platform for discovering and engaging with a wide range of campus events. From student club meetings to academic seminars, cultural exhibitions to sports competitions, this app acts as a centralized hub where users can effortlessly browse through a diverse array of happenings. Through a user-friendly interface, individuals can explore event details, check schedules, and access pertinent information with ease.

**Seamless RSVP Functionality:** One of the standout features of this application is its seamless RSVP functionality. Users can not only identify events of interest but also express their intent to attend by simply tapping a button. This streamlined process not only helps organizers gauge attendance but also aids attendees in planning their schedules effectively.

**Social Sharing Capabilities:** In the spirit of fostering community and inclusivity, the Event Tracker App allows users to share events with their peers. Whether through social media integrations or direct invitations to friends and colleagues, this feature facilitates the spread of event information, enhancing participation and engagement.

**Data-Driven Decision Making:** From an administrative standpoint, the Event Tracker App provides invaluable insights through event tracking and data collection. University administrators can harness this data to make informed decisions regarding the planning and execution of various campus initiatives. It offers a means of assessing the success of events and their impact on the university community.

**Fostering a Sense of Community:** In summary, the Event Tracker App is more than just a digital tool; it is a catalyst for building a stronger sense of community within our university. By promoting campus events, facilitating communication, and offering a central platform for information dissemination, this application contributes significantly to the vibrant and inclusive atmosphere we aim to cultivate on our campus.

In an age where technology plays a pivotal role in connecting people and information, the Event Tracker App stands as a testament to our commitment to innovation and community-building, ensuring that our campus remains an engaging and enriching environment for all.

## **1.2 Project Goals.**

The primary goals of this project are:

- To create a user-friendly mobile app that simplifies event discovery and management on campus.
- To enhance the campus community experience by promoting and facilitating participation in events.
- To let management have an overview of the most popular events on campus.

## **1.3 Assumptions.**

- Users have smartphones running iOS (version X or higher) or Android (version Y or higher).
- Users have access to a reliable internet connection to use the app.
- Event organizers have registered accounts on the app to create and manage events.

## **2.0 Design Constraints.**

### **2.1 Environment.**

- The app should function in both on-campus and off-campus settings.
- It should be compatible with the campus network infrastructure.

### **2.2 User Characteristics.**

- Users may vary in technical proficiency, so the app should be user-friendly.
- Users will include students, faculty, and staff, each with different needs and preferences.

## **3.0 Functional Requirements.**

### **R.1.0 Launch Page.**

R 1.1 Login button redirects to login page.

R 1.2 Register button redirect to create account page.

## **R 2.0 Login Page.**

R 2.1 Login with username.

R 2.1 Password.

R 2.3 Recover password (optional).

## **R 3.0 Register - Create Account Page.**

R 3.1 Email.

R 3.2 Password.

R 3.3 First Name.

R 3.4 Last Name.

R 3.5 Phone.

## **R 4.0 Event Creation and Management Page (Admin Only).**

R 4.1 Authorized event organizers should create, edit, and delete events.

R 4.2 Event details should include title, date, time, location, description, and category, perks (if they apply).

## **R 5.0 Event Search and Filter Pages.**

R 5.1 Users must search for events by keywords using a search bar.

R 5.2 Filter options for narrowing down search results must be provided such as date, location, and category, perk.

## **R 6.0 Event Details Page.**

R 6.1 Users must view comprehensive event details, including organizers, number of attendees, perks, and associated media.

## **R 7.0 Event RSVP and Registration Pages.**

R 7.1 Users must be able to RSVP or register for events.

R 7.2 Event organizers should manage attendee lists.

## **R 8.0 Notifications Page.**

R 8.1 Users should receive notifications for upcoming events, RSVP confirmations, and updates.

R 8.2 Users should be able to customize notification preferences.

R 8.3 Users should opt in or out of notifications.

## **R 9.0 Event Sharing Page.**

R 9.1 Users should share event details on social media and messaging apps.