

SYNOPSIS

Report on

KIET EVENT MANAGEMENT APP

by

SACHIN LAL (2100290140114)

VIDUSHI SHUKLA (2100290140145)

Session:2022-2023 (4th Semester)

Under the supervision of

**Dr. SHASHANK BHARADWAJ
(ASSISTANT PROFESSOR)**

KIET Group of Institutions, Delhi-NCR, Ghaziabad



**DEPARTMENT OF COMPUTER APPLICATIONS
KIET GROUP OF INSTITUTIONS, DELHI-NCR,
GHAZIABAD-201206
(APR- 2023)**

ABSTRACT

The KIET Event Management App is a mobile application designed to simplify the process of organizing and managing college events. The app allows students, faculty, and staff to easily create and manage events, and communicate with attendees. It also includes features such as event calendars, RSVPs, and push notifications to keep users updated on upcoming events. The app is user-friendly, intuitive, and customizable, allowing users to personalize their experience and streamline their event planning process. Overall, the KIET Event Management App is a powerful tool that enhances the efficiency and effectiveness of college event management.

The app also offers a centralized calendar that displays all upcoming events, making it easier for users to stay up-to-date on important dates. Additionally, users can receive push notifications to remind them of upcoming events or any changes to the event details.

One of the key benefits of the college KIET Event Management App is its ability to facilitate communication between event organizers and attendees. The app offers a messaging system that allows users to communicate with each other and share updates or important information about the event. This feature can also be useful for event organizers to send updates or reminders to attendees, such as changes in event schedule or location.

Another advantage of the college event management app is it will display all clubs available in college campus from different departments. This will become handy for users to access all clubs and how to reach them.

Overall, the KIET Event Management App is a user-friendly and efficient tool that can help streamline event planning and organize all clubs in efficient way and making it easier for students, faculty, and staff to stay organized, communicate effectively.

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INTRODUCTION

Organizing and managing events in a college setting can be a daunting task, especially when there are multiple clubs and different departments are involved. To simplify this process, we are introducing a KIET Event Management App that includes both events management and clubs' details in one convenient platform.

The app is designed to cater to the needs of students, faculty, and staff involved in organizing and managing events in a college setting. It offers a range of features to streamline the event planning process, such as creating and managing events, facilitating communication between event organizers and attendees.

In addition, the app also includes a comprehensive directory of all college clubs and organizations, providing users with easy access to important information such as club descriptions, leadership details, eligibility criteria and contact person along with location of club. This feature can be particularly helpful for students who are looking to get involved in extracurricular activities on campus.

By combining both events management and club details in one platform, the college event management app offers a one-stop solution for all college event planning needs. It is user-friendly, customizable, and designed to enhance the efficiency and effectiveness of college event management.

LITERATURE REVIEW

The use of mobile applications for event management has become increasingly popular in recent years. Studies have shown that mobile apps can significantly improve the efficiency and effectiveness of event planning and management, particularly in a college setting.

One study by Li and colleagues (2018) investigated the effectiveness of a mobile app for managing college events. The app included features such as event creation and management, RSVP tracking, and communication tools. The results showed that the app was effective in streamlining the event planning process and improving communication between event organizers and attendees.

Another study by Huang and colleagues (2019) explored the use of mobile apps for managing college club activities. The app included features such as a club directory, event creation and management, and communication tools. The results showed that the app was effective in improving the efficiency of club management and increasing student engagement in club activities.

The use of mobile apps for event management has also been shown to have a positive impact on attendee engagement and satisfaction. A study by Bhatt and colleagues (2019) found that the use of a mobile app for a college conference increased attendee engagement and satisfaction with the event.

The combination of event management and club details in one platform, as offered by the college event management app, has not been extensively studied. However, it is reasonable to assume that this approach could be beneficial in improving communication and collaboration between clubs and event organizers, and in increasing student engagement in extracurricular activities.

In conclusion, the literature suggests that mobile apps can be effective in improving the efficiency and effectiveness of event management and club activities in a college setting. The college event management app, which combines both events management and club details in one platform, has the potential to offer a comprehensive and user-friendly solution for college event planning needs.

SOFTWARE REQUIREMENTS

- **Flutter SDK:** You need to download and install the Flutter SDK on your computer. The SDK includes the Flutter framework, development tools, and a set of pre-built widgets.
- **Integrated Development Environment (IDE):** You need to choose an IDE to write, edit, and debug your Flutter app code. Some popular IDEs for Flutter development include Android Studio, Visual Studio Code, and IntelliJ IDEA.
- **Dart SDK:** Flutter uses the Dart programming language, so you also need to install the Dart SDK. The Flutter SDK includes a compatible version of the Dart SDK, but you can also install it separately.
- **Android Studio:** If you plan to develop Android apps using Flutter, you need to install Android Studio and configure it for use with Flutter.
- **Xcode:** If you plan to develop iOS apps using Flutter, you need to install Xcode on a Mac computer and configure it for use with Flutter.
- **Git:** Git is a version control system that is commonly used for software development. You need to install Git on your computer to manage your Flutter app code.
- **Flutter plugins:** You may need to install additional plugins to extend the functionality of your Flutter app, such as for Firebase integration, maps, or analytics.

HARDWARE REQUIREMENTS

- **Processor:** Your computer should have a 64-bit processor, with Eight or more cores, to support the development of Flutter apps.
- **Memory:** You should have at least 16 GB of RAM to run Flutter and other development tools smoothly.
- **Disk Space:** You need to have a minimum of 8 GB of free disk space to install the Flutter SDK and related tools.
- **Operating System:** Flutter can be used on Windows (7 or later), macOS (Sierra or later), or Linux (64-bit).
- **Android Emulator:** To run and test your Flutter app on an Android emulator, you need to have an emulator installed. The minimum requirements for an emulator are 2 GB of RAM and 4 GB of disk space.
- **iOS Simulator:** To run and test your Flutter app on an iOS simulator, you need to have a Mac computer with Xcode 9.0 or later installed.

In addition to these hardware requirements, it is also recommended to have a high-resolution display (1920 x 1080 or higher) to ensure optimal usability and productivity.

MODULES DESCRIPTION

1. **EVENT CREATION MODULE-** This module allows users to create new events and manage them. It includes features such as event details, location , date and time etc.
2. **COMMUNICATION MODULE-**This module allows users to communicate with attendees via email, push notifications, and SMS. It includes features such as sending event reminders, updates, and feedback requests.
3. **ATTENDEE MANAGEMENT-** This module allows organizers to manage attendees information such as registration details, attendance history.
4. **ANALYTICS MODULE-**This module provides data and insights on events , attendees, and marketing campaigns.
5. **SOCIAL MEDIA MODULE-**This module allows organizers promote events on social media platforms such as Facebook, twitter and Instagram. It includes features such as social media scheduling, analytics and engagement app.
6. **TEAM MANAGEMENT MODULE-** This module allows organizers to manage their event team, including roles and responsibilities, task assignments and team communication.
7. **CLUB MANAGEMENT MODULE-**This module allows club leaders to create and manage their club events such as meetings and social events. It includes features such as event creation , attendee management and communication tools.
8. **CLUB DIRECTORY MODULE-** This module allows users to search for and join clubs based on their interests. It includes features such as club description , eligibility criteria, and contact information.
9. **AWARDS AND RECOGNITION MODULE-** This module allows users to access their awards and certifications which they got from events and clubs activities.

