EVENTO-GNDEC Events Guide

PROJECT SYNOPSIS

Submitted for the partial fulfilment of the Degree

of

Bachelor of Technology

(Computer Science Engineering)

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[1]<u>Introduction</u>

Event Management App helps you access various events held in our college on your phone. This app brings about the information of events held by various societies of our college where event administrator can create events and students can join events, eliminating the need of manual registration on desk.

The events are an incredible part of students' co-curricular and extra co-curricular activities. Handling day-to-day events can be easier through this App where administrator can easily post event and students are notified about scheduling of various events through email service. Also students can suggest events to administrators which provide help in all way, reducing overall burden on Event Handlers of various societies.

In this way, Event Management Application serves as communication link between participants and event creators, which helps in encouraging more participation. This eliminates the need to keep a separate list of participants which is hard to maintain due to the rapid movement of students.

[2]Project Category

"Event Management App" is a mobile application i.e an Internet based Mobile application. A mobile application is a computer program designed to run on smartphones, tablet computers and other mobile devices. Apps are usually available through application distribution platforms, which began appearing in 2008 and are typically operated by the owner of the mobile operating system, such as the Apple App Store, Google Play, Windows Phone Store, and BlackBerry App World.

Mobile apps were originally offered for general productivity and information retrieval, including email, calendar, contacts, and stock market and weather information. However, public demand and the avail-ability of developer tools drove rapid expansion into other categories, such as mobile games, factory automation, GPS and location-based services, banking, order-tracking, ticket purchases and recently mo-bile medical apps. The explosion in number and variety of apps made discovery a challenge, which in turn led to the creation of a wide range of review, recommendation, and curation sources, including blogs, magazines, and dedicated online app-discovery services.

[3]<u>Objective</u>

The proposed system's objectives are to overcome all the limitations and drawbacks of the existing system. The online Event Management application is user-friendly android application. The main objective of the application is its simplicity of design and ease of implementation that shows and helps to collect most of the information about events going on in college premises and allowing users to join events eliminating the need of manually registration. The interface will be very user-friendly.

The main objectives of the proposed system can be enumerated as follows:

- Faster dissemination of notices regarding education, technical events, cultural events and fun events.
- Easy way to broadcast your message.

- Helps you to be updated which events going to be held in our College.

- Good way to maintain list of participating students.

- Eliminating the need of class announcements.

- Close interaction between users and administrators.

- Suggesting events to various societies' administrators.

[4]<u>Scope</u>

This project has a large scope as it has the following features which help in making it easy to use, understand and modify it:

- An electronic dashboard board for disseminating information out to students about creation and scheduling of events.
- Events can be joined, with notice obtained instantly.
- Students can be notified of new events via email service.
- Event administrator may push important notices in to selected student's email.
- Event administrator may create/modify/delete any event category with prior notification.

This software package can be readily used by non-programming personal avoiding human handled chance of error. This project is used by two types of users

1. Students.

2. Administrators.

Student: Students are the end users that benefits from this android application. A student can get all information of all the existed events and the future events as well and thus they can apply for the same. They can also view their profile as well as can check the track of their events that they have joined through email inbox. They can also suggest events to administrators.

Administrator: Administrator can add, update or delete events' details and can manage users who joined events and manage images related to events. He can notify registered users about new events or any updates in existing events through email service. He can also delete old events no longer in use, and keeps track of old events.

[5]Proposed and present system

[5.1]Present System:

1. Complexity: Currently our college has manual system of event notification via announcements and putting pamphlets, posters etc. on notice board. It's outdated now, as nobody has a time to stand in rush in order to read various events' posters on notice board.

2. Damage or Loss of data: Manual events stack are vulnerable to damage, destruction and theft in ways that digital databases are not.

3. Editing and Communication: Manual event management system does not allow users to easily edit data or information and no communication between students and administrators.

4. Inflexibility: Manual Event Management System causes inflexibility for students doing registration on desk before any event commences. This causes burden on students and creates confusion to maintain list of participating students.

5. Inconsistency of data: There will be unavailability for future use, since events might get misplaced during manual event management. So events won't be preserved properly for future use.

[5.2]Proposed System:

Proposed System will be able to do the following:

1. To eliminate wastage of time and energy:

   Event Management app will be able to save lot of paper and time. It directs both event heads and students energy and attention to one thing at a time by placing proper persons at their proper places at the proper time. Everything will be instantaneous.

2. To avoid duplication and overlapping:

   This application will help to remove the duplicacy of events. Only one person, who is admin can create the event. No one else would be able to do so. So student will be given correct

information all the time.

3. To ensure due attention of student to each and every event notice:

    Event Management App ensures that everyone has kind attention to every event notice and updates going on in college. There will be a buzz at each and every notice to drive the attention of student to check it once. In this way, students will be well informed about their college activities.

4. To bring system into college life:

    It would be dire need of all colleges as its easy and shortcut method to inform all the students. In the absence of proper event notification system will make it very difficult to inform students at right time.

5. Searching a particular Notice:

    This application allows you search the events very easily through title of event. If anyone forgets about the event details, he can search it out very easily.

6. Automatically Updated Dashboard:
    The dashboard of events is automatically updated when a new email arrives. The user can himself refresh the dashboard to see any new event. This application allows you to have events in one place only

[6]<u>METHODOLOGY</u>

[6.1]<u>Introduction:</u>

This project is based on Android application.Evento App helps you access various events held in our college on your phone. This app brings about the information of events held by various societies of our college where event administrator can create events and students can join events, eliminating the need of manual registration on desk. This app is common for all societies.
Evento Application serves as communication link between participants and event creators, which helps in encouraging more participation. This eliminates the need to keep a separate list of participants which is hard to maintain due to the rapid movement of students. It also helps in saving time. Also by using this project we can link our application with internet. There is no need to work manually .We can manage all process online at any place with the help of internet.

 To make this project first we used **Android Studio** and used Java files, XML files and SQLite Database to make the required forms .In this project, we also use restrictions with help of coding. Under this project we use several controls like textbox, Buttons, Radio buttons, Text field etc. In this way we create different web pages like sign up, sign in, about page, contact page, admin login page, gallery, search page, buy page, Delivery page etc. with the help of coding. All these pages are linked with each other through coding .In this project we create database in which we save the sign up entries, event details, admin information and images related to events etc. Database is connected with our project.

Every customer has to register their account to see event or to join event. Sign Up button is provided with Home page, when a user have been Signed-In then they can see all the content from event dashboard page and also can go to event details' page and can join event. Until the user is not Logged In, they can see only the Home Page and can't access anything else. Admin can create, modify or delete events and handle notifications to each user. Also he can manage users who have joined the events of any society.
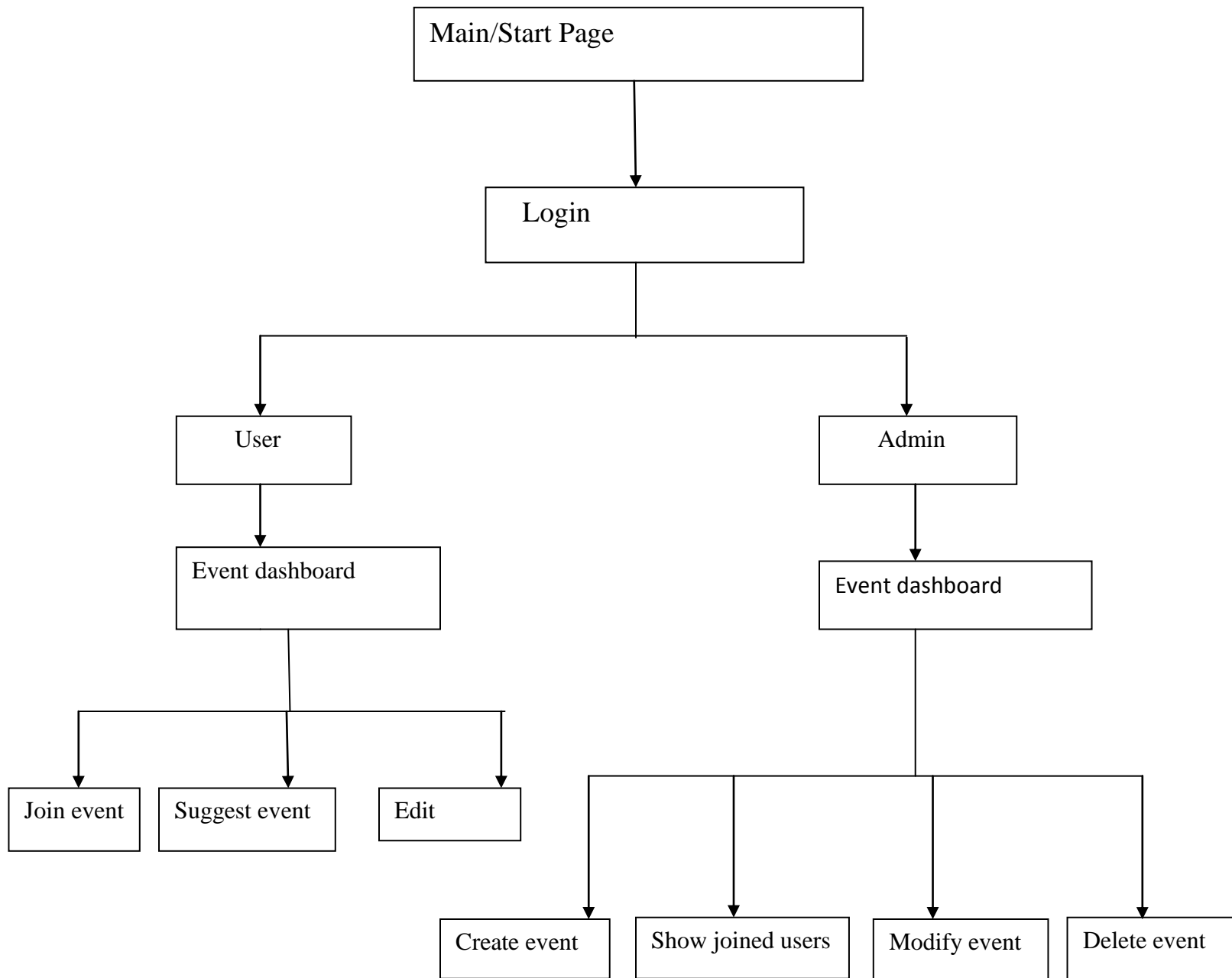
[6.2]Software requirements:

1. Programming Language: Java
2. Web Languages: XML
3. Database: SQLite
4. IDE: Android Studio
5. Operating System: Android

[6.3]Hardware requirements:

1. Processor:500MHz
2. RAM:Minimum 512MB
3. Storage: 50 Mb

[7]Flow Chart

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                        ┌─────────────────────────┐
                        │     Main/Start Page      │
                        └────────────┬────────────┘
                                     │
                                     ▼
                        ┌─────────────────────────┐
                        │         Login           │
                        └────────────┬────────────┘
                                     │
          ┌──────────────────────────┴──────────────────────────┐
          ▼                                                      ▼
   ┌──────────────┐                                      ┌──────────────┐
   │     User     │                                      │    Admin     │
   └──────┬───────┘                                      └──────┬───────┘
          ▼                                                     ▼
   ┌──────────────────┐                              ┌──────────────────┐
   │ Event dashboard  │                              │ Event dashboard  │
   └──────┬───────────┘                              └──────┬───────────┘
          │                                                 │
   ┌──────┼──────────────────┐               ┌──────┬───────┼───────┬──────────┐
   ▼      ▼                  ▼               ▼      ▼               ▼          ▼
┌────────┐ ┌──────────────┐ ┌──────┐  ┌────────────┐ ┌────────────────┐ ┌────────────┐ ┌────────────┐
│Join    │ │Suggest event │ │ Edit │  │Create event│ │Show joined users│ │Modify event│ │Delete event│
│event   │ │              │ │      │  │            │ │                │ │            │ │            │
└────────┘ └──────────────┘ └──────┘  └────────────┘ └────────────────┘ └────────────┘ └────────────┘
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[8] <u>Applications of Event Management System</u>

Event Management Application is used for managing events and the main purpose of this project is to:

1. Utilize time through faster dissemination of notices regarding education, technical events, cultural events and fun events.

2. Help you to be updated which events going to be held in our College.

3. Maintain list of participating students.

4. Eliminate the need of class announcements.

5. Bring about close interaction between users and administrators.

6. Suggest events to various societies' administrators.

7. Make event handling efficient and interactive.
8. Create/delete/modify events by administrators.
9. Provide facility to users who can join particular event associated with society prior to event notification.
10. Reduce the dependencies and increasing the transparency.

11. Easy way to broadcast your message.

[9] <u>Future Aspects</u>

The future scope of the project is that it can be used as any news giving application or it can be used to advertise your any new launch, telling the customers about new event schemes for example marriage or parties. This application of Event Management can be further extended to include the following features:

1. Categorization of Events:

   Events can be categorized in different categories like technical, techno-fun, fun, or cultural etc. so that its possible for user to easily manage the events. Categorization can also be done by making groups. Defining the event to be circulated in a particular society can make it more secure.

2. Documents and PDF files:

   The attachments can be further improved to include PDF files or Doc files. Then there will not be much need to send images with the events. A single file would serve all the purposes.

3. Feedback:

   Feedback on the notices can also be taken. It can increase communication among connected members and any issue can be easily sorted out on the spot.

4. Interactivity:

   Further we are looking for implementing chat facility in this app so as to bring close interactivity between admin and students and they can discuss any type of event and can exchange files or share image, videos too.

Evento