

Schedule Management System Using Android Application

V. Rohith kumar, S. Ashwini, T. Jerin joseph

ABSTRACT: *Android purposes play a principal position nowadays. Applications in most cases make ease of the work. The designed software majorly which supplies interesting know-how and activities. Moreover, users will doubtless be able to govern their celebration participation, corresponding to reserving their seats in events, registering to the occasion on this android utility by means of the cell, and plenty of others. More importantly, the major talents of this software is it can be used for local event administration similar to pursuits in schools, colleges and so on and will also be used for public occasion administration such as music live shows, academic workshops and many other. For the public occasions, the person is benefitted with the function of google maps to navigate to the chosen events. It is a very user friendly utility that serves the entire performance of event decision and registration.*

Key Words: *android application; event management; google maps; register.*

1. INTRODUCTION:

A smart phone is a protracted-headquartered computational device possessed by using utilizing most of the people nowadays, which is the suggestion to create a software that its understanding may also be quite simply reached at any position, any time. Furthermore, it possibly elaborates to manipulate all social gathering registration manually, considering that it's going to take an awfully long time for a multiplied queue of consumers to signal their identity on the registrations desk, also fairly a variety of file to manage. Additionally, people at the reward time pick remedy of their existence. In special words, it is tougher for customers to open the internet website than click on opening software of their smartphones. In this application utility, in the beginning, the new shoppers must sign up and register with specified consumer identification and password and as soon because the consumer registration with the making use of completes, the person can be in a position to make use of the whole facets of this cellular utility. This utility makes a specialty of fixing issues of social gathering registration and administration through supplying navigating facets like google maps for the public movements to reach to the chosen event, and in addition to the delivering information, know-how of events and difficult suggestions this utility with the given undertaking topics for university or school or college pupils with the intention to act as a neighborhood

get together administration strategy. That is the most important potential of this cell application, it may be used for regional event administration programs like tuition and schools even as it may also be used for public occasion management systems. To start with, purchasers can be capable to view and manage their get together participation through this utility, moreover, google maps furnish actual-time navigation operate to reach the chosen place within the time scheduled. Additionally, this application grants enormous potential and news of many exciting movements from the social gathering supplier. Moreover, the special information involving the upcoming events might be furnished and regarded as one of these utility aspects. Customers for most people motion's area and scholars for the local celebration who are fascinated about any subject or any show off listed on this program will generally be in a position to get the temporary competencies and occasion supplier's contact competencies from this application. In conclusion, this software will support the get-together providers by way of utilizing the price module to e-book the slot for the precise event. In addition, it will provide giant information of every social gathering to users to be able to reach from at any place, any time. These are the main elements of this utility to be competent to give a boost to the occasion administration and registration for occasion vendors and occasion members.

2. RELATED TECHNOLOGY

Android working process

Android is a going for walks process centered on the Linux, and at the beginning designed for smartphones and tablet computers. Android services can even be carried out in Java programming language using the Android software progress kit (SDK). The Android SDK presents API libraries and set of developer instruments which probably foremost to build, test, and debug an android application.

Hypertext Preprocessor (Hypertext Processor)

Hypertext Pre-processor is a fashionable open deliver script language which is compatable for net growth. In addition, personal residence page is distinctive from JavaScript considering the code is comprehensive on the server and the output is shipped to the client-facet which makes the principal code unknown. Additionally, as an alternative of problematic HTML, the hypertext Pre-processor code has specific processing instructional materials which allow rookies to utilize

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Hypertext Preprocessor quite simply, and likewise provide advanced aspects for experts.

MySQL Database

MySQL is just about the most largely-used open deliver SQL database management procedure, is developed, allotted, and supported through Oracle manufactures. Database management approach comparable to MySQL server is needed so as to add, entry, and keep data saved in a database which is an unstructured collection of data

java

The cell model of Java is called Java ME. Java ME is founded on Java SE and is supported by using most smartphones. The Java Platform version (JavaME) supplies a flexible, cozy environment for constructing and executing purposes which might be distinct at embedded and cellular devices. The functions that are constructed utilizing Java ME are transportable, comfy, and may take abilities of the native capabilities of the device. Java ME addresses the constraints, which are worried in constructing purposes, which might be specified at mobile devices. In essence, Java ME addresses the task of executing applications on devices, which are low on available reminiscence, show, and vigour.

3. LITERATURE SURVEY:

In these days Smartphones have become an irresistible part of all people's existence. With these smartphones, human life is modified for greater stages. "Android-established Campus solution" is university manipulate utility. which truly geared toward coping with most of the movements of the university. The major goal of this app is to make progress in the education device and institutional exercises. This utility allows in including mobility and automation in managing institutional files. The present computing device uses a web web site for publishing notices, or peon helps in circulating notices. This is a fully time-ingesting method. The android application simplifies this fashion by giving on the spot notifications to the students or worried staff. This application makes this system less difficult, faster, relaxed and far with less errors [1].

The online occasion control system is an online occasion management gadget software venture that serves the functionality of an occasion supervisor. The device allows a registered person to log in and a new person is allowed to check in on the software. The machine allows within the management of events, users and the components related to them. This proposed to be a web utility. The undertaking provides a maximum of the simple functionality required for an event type [Marriage, Dance Show Birthday party, College Festival etc], the system then lets in the person to pick out date and time of event, place and the event device. All the facts are logged within the database and the user is given a receipt wide variety for his booking. The facts are then shipped to the administrator (internet site owner) and they may additionally interact with the customer as in step with his requirement [2].

The predominant intention of this mission is too characteristic mobility and automation to the approach of managing scholars records in an institute at present it is of the essence to now not best use the predictable types of the

announcement, but additionally new types which include cellular mobile science, for faster and simpler communication a quantity of the institution pupils. The manner of verbal exchange is Android. The core inspiration of this venture is to put in force android situated cellular Campus application for the development of the team and educational procedure. Apps additionally trade sensitive statistics with some distance off servers. The Android platform offers probably the most algorithms for encrypting tough statistics. A few of these algorithms furnish enhanced cryptographic ensures in defensive records than others. Cryptographic algorithms are much difficult to interrupt at the same time there and more unpredictability inside the random numbers generated for use in encryption. The need for encryption is twofold. Firstly, encryption makes it difficult to learn and use any sensitive know-how that an app shops on a device. Secondly, encryption presents another segment of security to sensitive records that are interchanged between apps and remote server [3].

The important idea of this venture is used to keep the College Event records and arrange the occasion and to send the Student Registration time thru sums with verification code to the scholar the usage of cell software based on Android App. The gear constitutes Android SDK development, Java Jed, Eclipse in mobile applications a good way to be displayed while legal person makes use of The software program and developed on Linux surroundings that are platform dependent in mobility software. The returned cease tool constitutes an SQLite database and evolved on home windows environment which is a platform unbiased[4].

In current years the Android science with web offerings has introduced many drastic modifications within the phone software development subject. This software affords a generalized process to screen the countless works that are finished by way of tuition for dealing with it. "shrewd join" grants an easy interface for the renovation of scholar records. It may be utilized via instructional institutes or faculties to hold the documents of students. The advent and manage of right, up-to-date facts regarding a scholars' academic profession are greatly predominant within the university in addition to schools. Smart connect deals with all form of pupil info, instructional-associated reports, college info, course small print, curriculum, batch information, placement understanding, and other resources-associated data too. It should even have university small print, batch execution knowledge, college students' understanding in all elements, the numerous educational notifications to the body of workers and students up-to-date by way of the tuition administration. It moreover helps us to discover all the activities taking a position within the school. One of a kind reports and queries can be generated founded on giant alternative regarding students, batch, route, school, assessments, semesters, certification and even for the entire college[5].

Changes in Information Technology (IT) permit schools to utilize databases and programs consisting of Student



Information System (SIS) accordingly, making the accessing of records centralized. One of the modifications that passed off is the on-line-primarily based packages. The proposed gadget is an Android software to control student info on cellular and maintaining them updated approximately the latest activities in the university. The utility can be utilized by students, instructors and parents. The utilities provided by way of the utility are- scholar details preservation, discussion forum, word board, attendance and file era. The essential objective of this project is to add mobility and automation to the procedure of dealing with scholar records in an institute [6].

Nowadays, the modern-day and ability future consumer base has emerged as more technologically literate, accepting to the net and development in cellular technology. People are worried about online services on a big scale. Proposed software will function online occasion management. The occasion management application can have online access and utilized by customers, vendors. Each person base will take a special perspective in the direction of the software, based totally on the desires of their roles in the event making plans machine. Clients will use the application to the plots well as control their events. Vendors can use the software to market their services. Clients will use the software to plan in addition to managing their occasions. Our app may be the middle ware between customers and companies for control of occasions. Thus, the event control machine will clear up large accessibility and might fill the gap of conversation trouble and amplify the client base by encouraging greater interactivity to behalf with customers. [7]

Event control is the application of challenge control to the advent and development of massive or small-scale activities which include fairs, conferences, ceremonies, formal parties, concert events, or conventions. A previous couple of years have visible a rapid increase inside the occasion management enterprise. In this discussion, we present an android cellphone utility to make it simpler for a layman to plan an event in a hassle-free way. This software will assist him/her in making plans a successful and a laugh event [8].

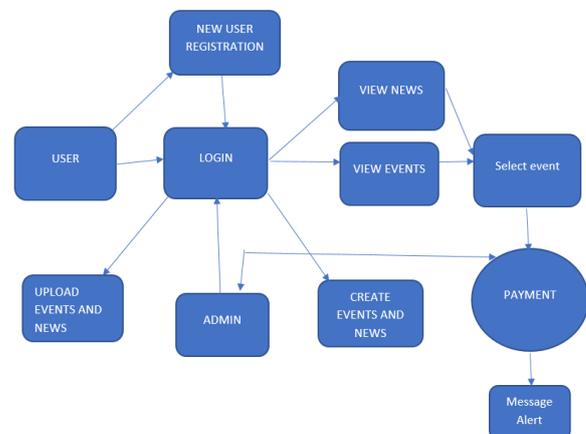
The intention of this mission is the Automation of coaching and Placement unit of fit (flora Institute of technology, Pune). The project will incorporate minimum guide artwork and most optimization, abstraction, and safeguard. That is an Android software that enables you to assist students and Training and Placement Officer (TPO) to carry out every placement related recreation. The device may just be accessed all through the fit service provider with suitable login. It's utilized through the TPO to manipulate the scholar's documents and quick access in placement related sporting activities together with utilizing pressure. Scholars logging will have to be competent in including their facts. The important thing perform of this project is that it has a tack room, in which queries requested with the help of pupils can be solved through better executive. This gadget provides a list of candidates to recruit the students primarily headquartered on agency's requisites. Scholars will get notified while a group of workers member upload seems at material or any campus power facts, via this device [9].

4. PROPOSED METHOD:

The proposed Android utility for occasion management process intended to offer extra easiness to the customers that they are able to view and get know-how quickly and can take part within the listed movements if needed. There are in most cases two types of customers they're an administrator and the consumer. The administrator is the master, he gets a bigger quantity of priorities than the other users. The exceptional services contain the case of an administrator is updating, approval, organizing, and getting the number of counts for a distinct occasion. This utility traditionally differs from many identical applications in many approaches equivalent to this application can be utilized for the nearby event administration purposes like college workshops, annual capabilities where the students of the designated college or from the distinct department can view and register in the fascinating pursuits and participate in it. The recruiter can view the main requirements of the pupils and can approve or reject their functions.

Even as, this utility can be utilized for public events in which the customers from more than a few locations can also be able to read the present day news and look at the various list of events happening around their cities and different areas too. This utility can be utilized for each local and public management purposes. It is depends on the applying administrator for which reason precisely it must be used. For public pursuits for the consumer to navigate to the precise event location he had opted, he is offered with the actual-time functionality of google maps to navigate. To register for the targeted occasion the consumer is directed to the cost option and completes his occasion booking eventually by way of making cost. The proposed method is intended to hinder all the drawbacks of the prevailing approach. It's going to add some extra facets than the present system. Considering the fact that it is a mobile utility, it may be modified and up to date in line with the upcoming applied sciences

4.1 ARCHITECTURE:



4.2 WORKING PROCEDURE:

Step [1]. The brand new consumer who initially does not have the login entry desires a distinctive user identity and password to log in. For this, the consumer needs to sign up



get a new consumer id and password to gain entry to this mobile utility.

Step [2]. User and utility administrator can have separate login modules. The consumer logins with a certain consumer identification and password will be directed to the residence page of the cell software. The home web page comprises modules such as cutting-edge news and record of upcoming routine and user associated knowledge

Step [3]. Before the user login, the administrator uploads the list of news and upcoming events in to database from a separate module and provides information such as event name, addresses, contact number, date, time and venue of the event etc and maintains database records.

Step [4]. Manipulating database by adding events and viewing the events involves PHP and MY SQL in the backend for communicating between the user and the administrator

Step [5]. Once the user selects the preferred event from the list of events and register with that event by providing all the necessary details such as name, mobile number, gender, mail id etc. will be directed to the registration status module.

Step [6]. Payment module is used by the user to pay for the selected event and book seats as per his requirement. The payment module consists of various fields such as debit card number, cvv, pin etc.

Step [7]. The user is provided with the navigation facility to reach to the venue of the event by using google maps.

4.3 RESULTS:



Figure 1: New User Registration for Access to Login

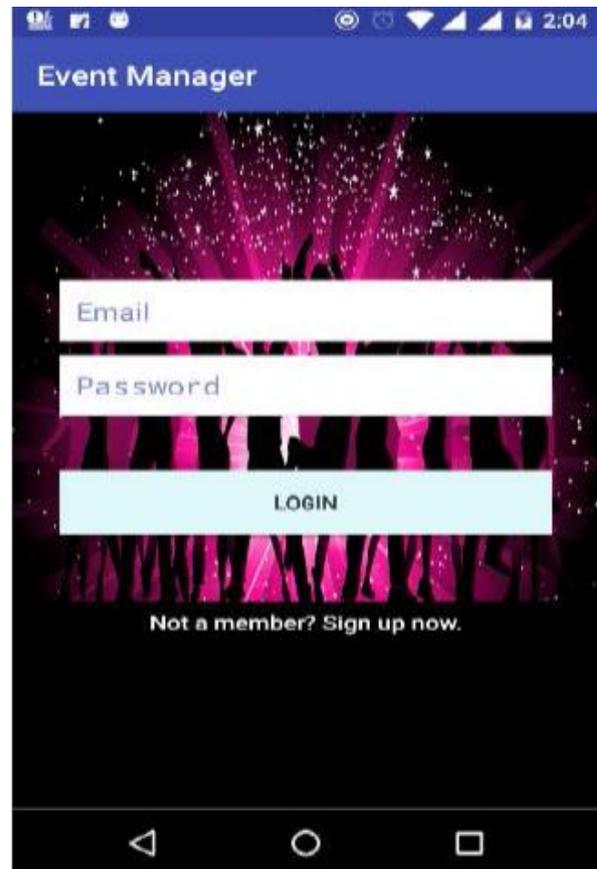


Figure 2: Login Page for Existing User

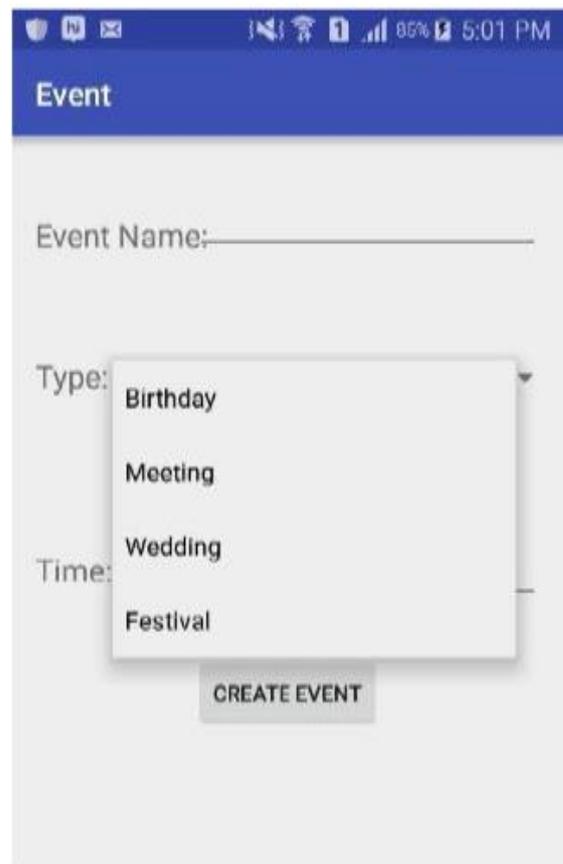


Figure 3: Event Selection Page.

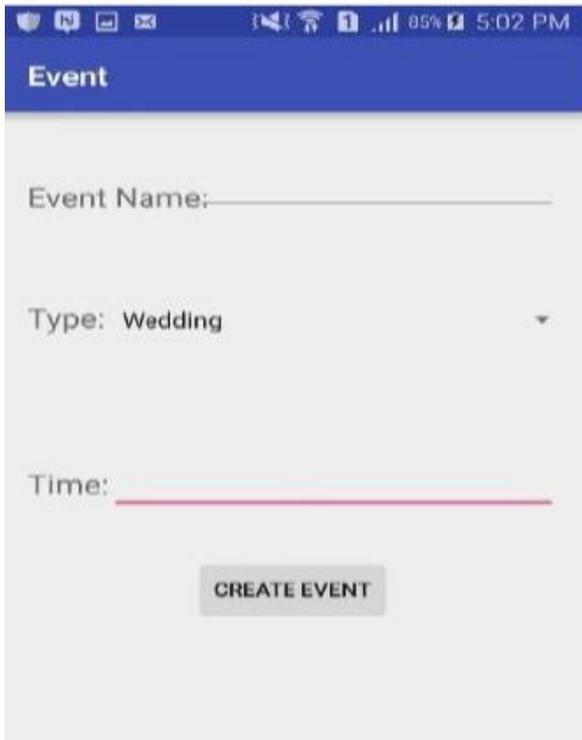


Figure4: Image captured after event selection

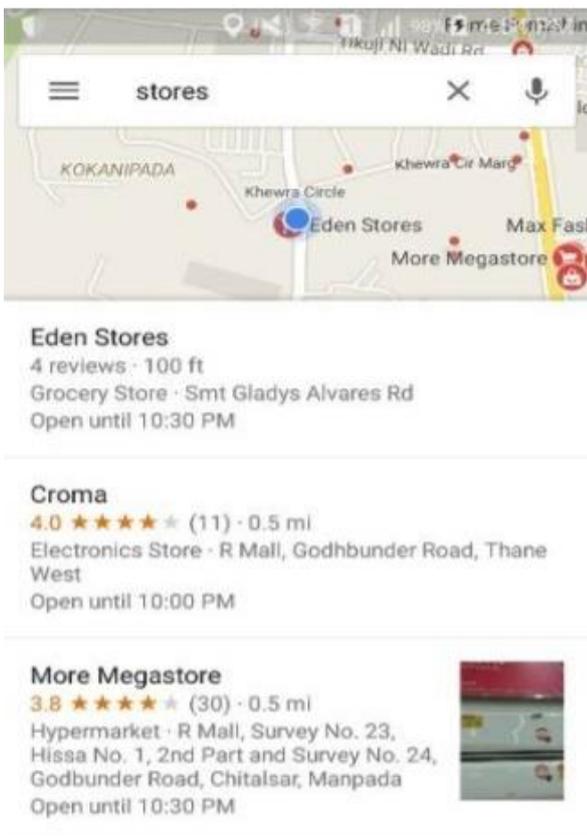


Figure 5: Google Map Navigation to Reach Destination

The above pictures show us the best available route to reach to the destination by using google maps.

5. CONCLUSION:

This application specializes in solving the problems of propagating know-how and working out, additionally setting

up the application to meet customers' wish. Furthermore, this software will furnish a colossal figuring out about pursuits as a way to be conveniently reached by way of utilizing customers and may be capable to manage their occasion participation. Additionally, this utility can be utilized from every single situation, anytime. More importantly, google maps for navigation will furnish additional convenience to the user to reach the destination in time.

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