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A REVIEW ON VARIOUS EVENT MANAGEMENT TECHNIQUES

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Abstract

Events play an essential part in the life of everyone. Either an activity or a happening can be described as an event. People often discover that they do not have the mastery and time to arrange events by themselves. In the current situation, arranging an event requires a great deal of persistence and hustle clamor right from choosing the concept, location, date and time and other event details. A lot of aspects are needed to be considered while settling on every accord. Also, once event has been organized, a parcel of issues arises; for example, making an enrollment for the event and engendering the data about your event to others and making individuals to go to the event is a monotonous procedure with a considerable measure of paper and printed data. Android is a rapid growing and widespread mobile operating system. At recent times, it is the quickest development platform which is portable. The prime intent of this paper is to provide diverse concepts that can eradicate the traditional methods for event registration and make the process easier through comprehensive analysis of divergent technologies. This paper provides a comparative analysis on concepts and features of an event registration system which uses different technologies. This paper performs a comprehensive analysis of various event registration implementations and provides comparative results out of them.

Keywords: Event management system, Android, SQLite, APK.

Introduction

In recent years, the mobile applications and the number of mobile phone users have been rapidly increasing. Mobile phones have become very popular within a short span of time as they improve communication between many people and facilitate people by providing many useful resources in an easy and impressive way. More individuals are picking portable platforms to play out an assortment of errands than any time in recent memory. This year, there are an expected 1.5 billion cell phones on the planet. These cellphones are equipped for portable saving money, online networking and obviously, the unavoidable amusements such as games, music etc. In today's world, mobile operating

system met with the desktop operating system which we primarily use in our computer. There is a great deal of buildup with regards to which versatile OS is the best. Smart phones facilitate people with several operating systems such as iOS, Windows, Android, Symbian, BlackBerry etc.

Though many operating systems are provided by smart phones, the Android OS usage has been tremendously increasing daily than others. Android is growing very fast, best selling and widely adopted by people. Nearly, 90% of smart phone users are using android operating system. It is more convenient and popular among people. One of the elements that has been constantly set Android away from other operating system is that the use of interactive widgets that can be downloaded and can be used by the user upon their likes. This feature is still unavailable in other prevailing operating system. Android facilitates the user with a comfortable user experience. Android OS has been used by many people and many countries around the world. [5] Android presents with more adaptability for running business applications. Users are allowed to make their customizations on their own and upgrades to the Android deliveries. Selecting a program to run the business applications isn't an issue in light of the fact that there are numerous choices are present for Android gadgets, added with Google Chrome and Firefox. [6] Android operating system is better platform for building applications and make it available for the android users in an instant.

The Event will play an essential role in today's world. People need events as a part and parcel of their life so that they can get their own space out of it. We always have a traditional system for event registration such as propagating the news via notice boards, papers and having a registration desk for the participants to register. We forget that how this propagation does reach out to everyone? And how to collect and arrange the user data in registration desk ? than using paper and pen work. This traditional event registration system suffers with many problems. In present scenario, designing an event requires a lot of tolerance and hustle bustle right from deciding the theme of the event, venue, date and time, etc.

Lot of criteria should to be considered while making each decision correctly. [12] Also, once an event has been planned lots of problems such as creating a registration desk and propagating the information about your event to others and making people to attend the event is a tedious process with a lot of paper work. [13] To eradicate these issues such as creating a registration desk and propagating the information about your event to others and making people to attend the event is a tedious process with a lot of paperwork, an automated for event registration android application can be used to facilitate these issues.[7][11] This paper provides with the comprehensive methods to solve these issues from the traditional system of paperwork for event registration.

Materials and Methods

1. An Event based automation framework for Android mobiles

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In this paper, a strategy is proposed to construct test cases as APK's. These experiments are summoned by a test scheduler, which is also an APK. In this paper the outline issues are confronted while understanding this architecture design of the system are discussed. Also the benefit of this method of comparing with other structures is explained. A contextual analysis is done to show how these configuration limitations can be overcome. Android application has four parts, process, content provider (event coordinator), service and communication receiver (user).

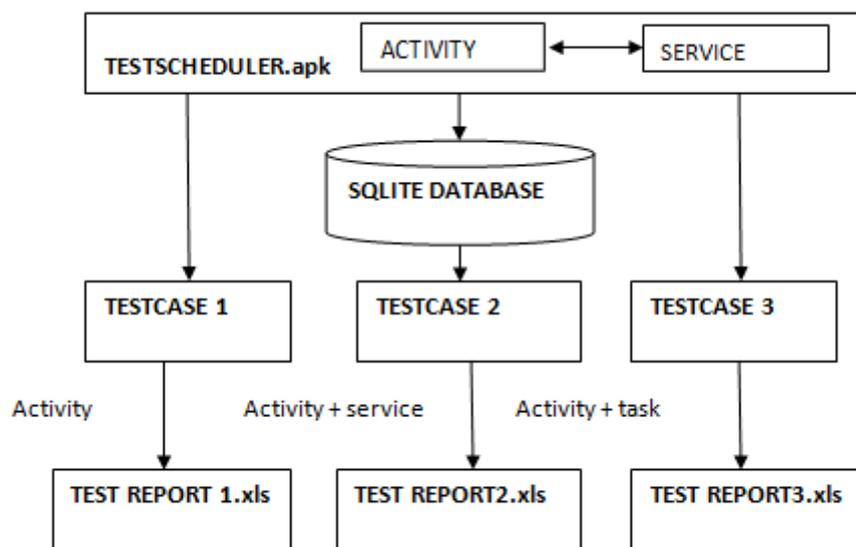


Fig. 1 Automation test framework for event management.

This framework structure presents a versatile specialist based emulator of portable figuring gadgets for use with target application programming. It was enlivened by the absence of strategies accessible for creating an application in a versatile registering setting. It means to imitate the physical portability of convenient processing gadgets through the sensible versatility of use outline to keep running on them. A detailed description of this test framework for event management is shown in Fig. 1

2. An Event based campus navigation system

This paper provides an anticipate empowering the user to discover particular areas on grounds and offers user the most likely to exhibit the grounds range environment by means of increased reality.[8] Many events are held consistently and there are numerous approaches to discover where a specific event will be led and in which college with the goal that users can take part in that event through portable application.

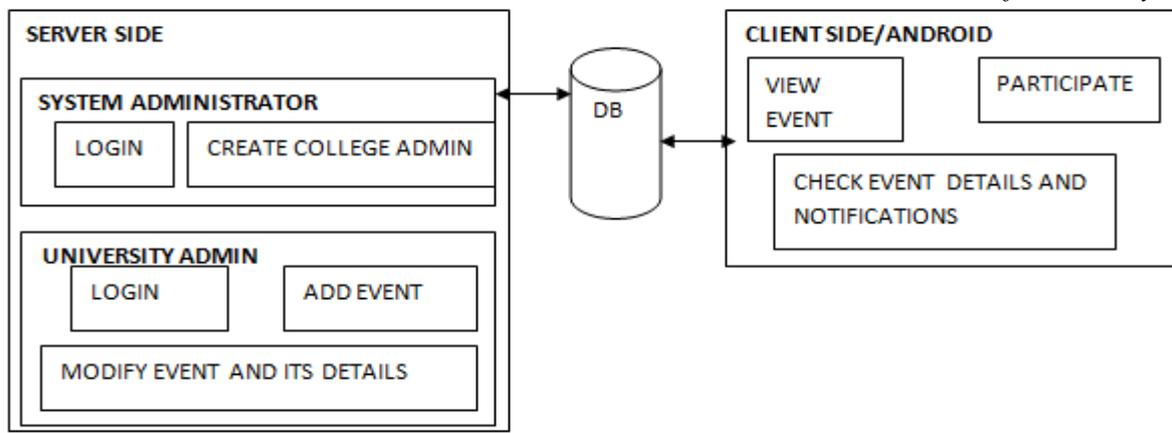


Fig. 2 Event management in campuses with navigation system.

Fig. 2 describes the system architecture of this campus based system with navigation. We are creating sites for college administrator and framework administrator furthermore application for versatile user.[9] Mobile telephones are these days, significantly more than simply specialized devices. This event based framework likewise gives the office of notice around a specific event to the enlisted user and user who just uses this application can tap on that event and can get the upgrades of that event.

3. Event management along with information propagation in android

This paper concentrates on taking care of issue of event enrollment and administration furthermore giving news, information about the event, and venture thoughts which of those are the major task concepts for users. Also, the users will have the capacity of holding and dealing with corresponding event member by means of this application.[10]

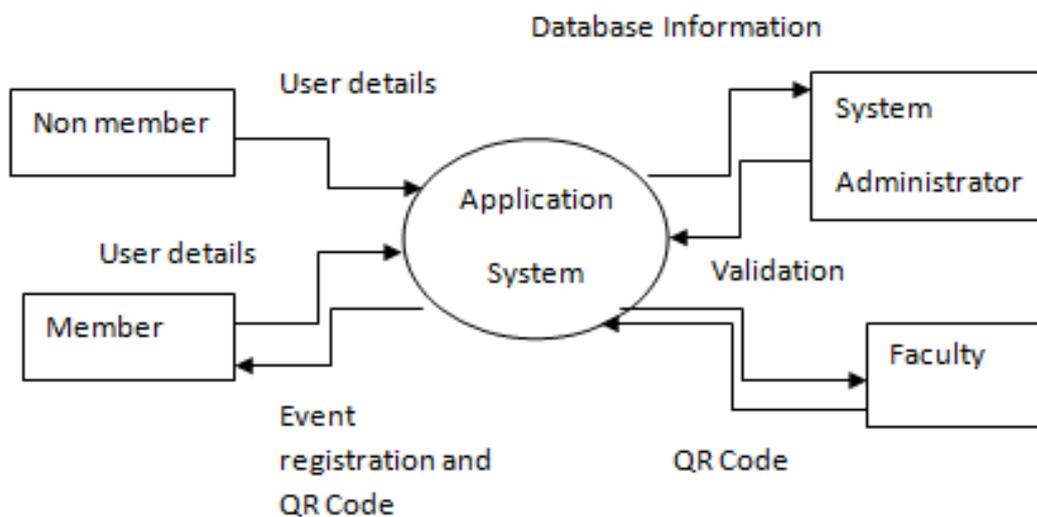


Fig. 3 Event management and information propagation using Android.

This application gives critical data and ads of numerous fascinating events which is provided by the event organiser. Fig. 3 represents the event management added with information propagation system in android. Besides, it will give a

noteworthy data of every event and venture theme to users to have the capacity to reach from anyplace, at whatever time.

4. Event management for mobile users

Events are appropriate for the collaboration of the versatile platform and the user. The user can determine the circumstances, he/she occupies with early. At that point, when he/she is strolling around, the platform can identify if the present circumstance relates to a predefined one and the user can be educated about this proactively.

Watching events in favor of the platform likewise have the preferred standpoint that the restricted assets of the versatile figuring gadget are not squandered. Versatile registering gadgets have constrained battery power. They likewise have a remote system association that has a lower data transfer capacity and higher deferrals than framework based associations. On account of events, correspondence just happens when fundamental, i.e. at the point when an event has happened. As we will see, observing events in the framework, "close" to the source likewise gives superior event semantics than attempting to watch events on the cell phone itself by always "surveying" the data sources. Therefore, online events, and its procedures are more approachable towards the user than a manual one.

Study and Analysis

Events perceive key parts these days. Besides, once Event has been sorted out, a store of issues; in case, settling on a choice for the event and affecting the information about your event to others and making people to go to the event. This traditional framework for event registration is a dull framework with a stunning measure of paper and printed information. Android is a viable making and in all cases adaptable working structure. At late times, it is the speediest making platform which is minimized. The prime inspiration driving this paper is to give unmistakable bits of data that can wreck the standard structures for event decision and make the strategy less asking for through thorough examination of different enhancements.

A methodology is proposed to develop these tedious experiments as APK's. These analyses are summoned by a test scheduler, which is additionally an APK. In this paper the layout issues are faced while understanding this outline of the framework are examined. Additionally the advantage of this strategy by contrasting with different structures, the framework is explained. A logical investigation is done to show how these setup impediments can be overcome. This android application has four sections, process, content supplier (event facilitator), administration and correspondence receiver (user). [1] This paper was proposed by Anbunathan et al. For a test framework. Another methodology provides a foresee enabling the client to find specific regions on grounds and offers him the probability to display the grounds range environment by the method of expanded reality. Numerous events are held reliably and there are

various ways to deal with finding where a particular event will be driven and in which college with the objective that clients can partake in that event through compact application. Cell phones are nowadays, essentially more than basically particular gadgets. This event based structure similarly gives the workplace of notification around a particular event to the enrolled client and client who just uses this application can tap on that event and can get the overhauls of that event [2]. Sunil Bendre et al. proposed this methodology for a navigation based application. Also, some methods focus on dealing with issue of event enlistment and organization, moreover giving news, data about the event, and wander contemplations which are the given senior undertaking topics for understudies [3]. Above all, clients will have the ability to hold and manage their event part by method for this application. This application gives basic data and other details of various entrancing events that has been provided by the event provider. Besides, it will give vital information about each event and wander topic to clients to have the ability to reach from wherever, at whatever time. This method was proposed by Phanuphong Haithaiwichian et al. for event management with information propagation. Events are fitting for the coordinated effort of the flexible platform and the client. The client can decide the conditions he/she is involved with ahead of schedule. By then, when he/she is walking around, the platform can distinguish if the current situation, identifies with a predefined one and the client can be instructed about this proactively. Watching events for the platform in like manner has the favored stance that the confined resources of the adaptable figuring contraption are not wasted. Adaptable enrolling contraptions have compelled battery power. They in like manner have a remote framework affiliation that has a lower information exchange limit and higher deferrals than system based affiliations. By virtue of events, correspondence simply happens when major, i.e. exactly when an event has happened. Bauer Martin has proposed this online events methodology. As we will see, watching events in the structure, "close" to the source similarly gives better event semantics than endeavoring than watch events on the wireless itself by continually "looking over" the information sources. Along these lines, online events, and its techniques are more receptive towards the client than a manual one. [4]

Results And Discussions

Table 1.1: Pros and cons of various event management techniques.

S.NO	TITLE OF THE PAPER	TECHNIQUES USED	ADVANTAGES AND LIMITATIONS
1	An event based automation framework for android mobiles	This paper proposed a strategy to construct test cases as APK's. This framework structure presents a versatile specialist based emulator of portable figuring gadgets for use with	This system is not capable of automatically running complex test cases. The users need to have the knowledge of android architecture and android APKs for generating complex test cases. Configuration

		target application programming.	limitations can be overcome.
2	Event based campus navigation system	This paper proposes to develop an Android app that navigates the user to the event location. This event based framework likewise gives the office of notice around a specific event to the enlisted user and user who just uses this application can tap on that event and can get the upgrades of that event.	One of the main advantages of this system is that, spatial information system for users with that of an event registration system in the campus.
3	Event management along with information propagation in android	This paper concentrates on taking care of issue of event enrollment and administration furthermore giving news, information about the event, and venture thoughts which are the given senior task themes for students	This system provides a solution for information propagation about the news and events. Added to this, this app can be used at anytime and wherever you are. Moreover the use of QR codes facilitates in authentication of the user. Users are able to attend the event from wherever and at whatever time.
4	Event management for mobile users	This paper proposes that online events and its procedures are more approachable towards the user than a manual one.	This system allows the user to register and participate in events and allows users to make decisions rather than admin as in case of traditional systems. It promotes online events than having a set of distinct people in a confined environment.

The above table 1.1 is the relative examination on the upsides and downsides of different event administration systems that has been proposed with some different endeavors added to make the procedure straightforward and less demanding to comprehend by the client to utilize the application.

Conclusion

In current years, it has been proven that the emergence of many different competing methodologies for any real time system on any technology platform went beyond the expectations of people. This paper is able to analyze and review those methodologies for event management system in any technology platform and also compares the major methodologies in case of technology used as well as in end user point of view. Constructing test case APKs are necessary for any real time system, but it lacks key features of user friendliness as the system is not capable of running complex test cases automatically. The users need to have the knowledge of android architecture and android APKs for generating complex test cases. Propagating any information manually is a tedious process. Also, the method of providing QR code for authentication is quite interesting, but these are the necessities for any system

created for event registration. Many new themes are required to facilitate user in today's world. [1] With respect to the above methods, the event based navigation system plays a better role as it provides a location based information where the event is going to happen and in which place it is located . However, the other methodologies venture new thoughts and ideas in planning an event and propagating information and they are more approachable. The navigation system remains as a drawback in mentioned other methods.[2] Though navigation plays as important role in event management yet another interesting idea is needed to be checked out. Providing an online platform for users to attend events makes the users feel easy and comfortable. This provides users with more comfort by attending events from wherever they are and at whatever time, instead of having events conducted in a confined environment at scheduled time.[4] In recent days, new ventures on new themes are getting more attention and focus making the system as a dominating methodology than the newer ventures in existing themes.

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