

Event Registration in Mobile System

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Abstract:

This is an Android OS based application to help students in registering events which is held by the respective college, Students can use their Google account to fill the form for registering into any event. By using this app there will be no need of faculties to reach out for every class in the college and notify each and every student regarding the event and participating details.

This application can run in any smart phone which has Android OS of minimum 2.3.6 Gingerbread to 6.0 Marshmallow. This application will require internet connection to submit the form. Students who want to take part in any event of the fest can browse through the list and register by their choice.

Students will be viewing first four options namely, Registration, Upcoming Events, Notifications and Suggestions or Enquiries. Registration tab will be consisting of registration forms for different events held by respective departments of college. All the data of student such as their Name, Phone Number will be stored in Google Drive of Admin and will be shared with the organizer of the event.

Keywords — android, os, student, activity, layout, mobile, user.

I. INTRODUCTION

Our dependence on computer frameworks for ordinary life exercises has expanded throughout the years, as more undertakings are proficient with their assistance. The progressions in programming advancement have given us an expanding number of helpful applications with constantly enhancing usefulness. These upgrades, be that as it may, are accomplished as a rule with bigger and more mind-boggling ventures, which require the coordination of a few groups. Out of sight, the ever-exhibit exchange off between exhaustive testing and time to arrangement influences the nature of the product. These variables, united to the present advancement and testing strategies, have ended up being deficient and inadequate to build tried and true programming.

Now a day every client of a particular company wants to access the services provided by the company with ease like an account holder a bank want to check the balance of his/her account without going to bank i.e.; they want to check it through their smart phones, So there is always a need of an assistant to full fill the services.

Consistently, new vulnerabilities are found in what was already accepted to be secure applications, opening new dangers and security perils that can be misused by noxious enemies. The venture depicts an assault infusion system that can be utilized for weakness discovery and expulsion. It imitates the conduct of a foe by infusing assaults against an objective framework while reviewing its execution to figure out whether any of the assaults has created a disappointment. The perception of some unusual conduct demonstrates that an assault was effective in setting off a current defect. After the recognizable proof of the issue, conventional troubleshooting methods can be utilized, for occurrence, by looking at the application's control stream while preparing the culpable assaults, to find the cause of the helplessness and to continue with its disposal.

Vulnerabilities are typically created by unobtrusive irregularities that lone rise in such abnormal circumstances that were not examined in test plan. They have a tendency to evade the customary programming testing techniques, fundamentally in light of the fact that ordinary experiments don't cover the greater part of the dark and unforeseen utilization situations. Henceforth,

vulnerabilities are ordinarily discovered either unintentionally or by assailants or unique tiger groups (additionally called entrance analysers) who perform intensive security reviews. The commonplace procedure of physically hunting down new vulnerabilities is frequently moderate and dreary. In particular, the source code must be precisely examined for security defects or the application must be thoroughly explored different avenues regarding a few sorts of info (e.g., irregular and arbitrary information, or more intricate information in light of beforehand known endeavours) searching for issues amid its execution.

II. LITERATURE SYVEY

In spite of various advancements intended to forestall cushion flood vulnerabilities, the issue continues, and cradle floods remain the overwhelming type of programming security helplessness. Everybody is having advanced mobile phones with them

The initial step to have the capacity to make an Android application utilizing java and introduce the Java Development Kit (JDK). With JDK, there is a capacity to create applications utilizing the Java programming dialect which is the dialect that the Android OS utilizes and perceives.

As innovation continues developing there is dependably the standard inquiries that clients ask themselves all the time. How does programming and equipment cooperate? How would they collaborate? To answer this inquiry there are a considerable measure of things that should be assessed. A great many people have an extremely poor comprehension of how these two advances interface with make gadgets work. Now and then the greater part of the general population don't comprehend that equipment and programming are advances that work in intersection however are not the same; they have limits working inside each other.

A. Existing System

In this project, we are mainly focusing on providing an ease to the students for registration into an event which is held by a particular department of a specific college.

The current system does not provide any facility to register into the college event with the help of a smart phone app

B. A Survey on Proposed System

Our application is totally android based and user friendly as anyone who have registered with this app can access it and browse through all the events which is held by the different departments.

This application is fully online based that fetch the event data from server stored by Admin and this data will be accessible by the admin and the organizer of the event.

We are using Google Forms for the students to provide security and using Google Drive to store the data.

III. MODULES AND RESULTS

A. User Module

The main purpose of the user module is to provide security. This module is specially designed for easy login and browse through all the events which has been organize by the department; Students can go through all the event categories such as technical and non-technical events and register with their own choice.

B. Registration Module

In this module, a web view will be open and student must have to sign in by using their Gmail account, after signing in students can fill the form and can participate into that respective event.

That registration form will be containing few empty fields like, name of the college, student and contact info, which has to be filled by the student.

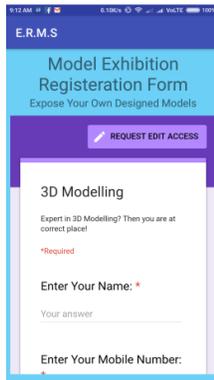


Fig1. Registration activity

C. Security module

Security in the main factor of this application, as we use Gmail account of the student to fill the form there will be no chance of any spammers to spam the database with fake registrations. After the registration students, must have to contact to the organizer to conform their registration and pay the respective fee towards the event if any available.

IV. RESULT

Home screen layout contains different sections for each different college, currently we have two colleges which are Lords Institute of Engineering and Technology and Farah Institute of Engineering and Technology, and below that home activity is provided with a help button in which we will be providing the details of ERMS application and few FAQs.



Fig 2.Home Screen

In this activity, we have three buttons one will show the departments of the respective college, the other will show the events held by the department of the college and the last one will show the contact information and location of the college.

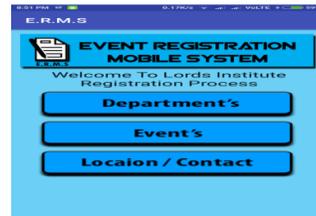


Fig 3.College Activity



Fig 4. Event Activity

This activity divides the events into two categories, technical and non-technical.

IV. CONCLUSION AND FUTURE WORK

This monitoring information is later analysed to determine if the server executed correctly, or on the other hand, if it exhibit any suspicious behaviour suggesting the presence of vulnerability. This application is very effective and easy to use for the student as well as admin, College management can send a notification that can be received by the student those who are registered with this mobile application.

Our hypotheses were that Energizer would last the longest in all of the devices tested. Our results do support my hypothesis. We think the tests we did went smoothly and we had no problems except for the fact that internet should be available to use this application.

Our future work will be continuous of adding more features into the app such as payment gateway to clear the fee of the event right from the application.

Student will be able to use it in any android device which should be running on Android version of minimum 2.3.7 Gingerbread with the help of an internet connection.

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