

IMPLEMENTATION OF EVENT MANAGEMENT APPLICATION

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ABSTRACT

As we realize that, because from November 2019 CORONA VIRUS is spreading extensively in complete global and because of this virus spreading, we're dealing with lockdown which is said via way of means of Central Govt. of India. As according to Indian Culture we set up many occasions for amassing collectively like Marriage, Birthday Parties, Awards Functions, Competitions, etc. however as according to rule of lockdown we're strictly prohibited to go away domestic with none critical motives and best restricted crowd is permitted to go to or have a good time features. For Overcoming this problem, we're looking to expand a software program for invited spouse and children in addition to non-invited spouse and children or buddies to wait the features or occasions virtually. Our event management software program lets in you to construct a dynamic digital occasion program, completely included with summary control. Whatever kind of occasion you're making plans from awards to non-earnings and affiliation events, our digital event management software program is designed for all event organizers, from easy meetings to complicated events.

Keyword: - Android, Event, Management, Plan.

1. INTRODUCTION:

Smartphone is a common computational device that possessed via way of means of the maximum of human beings in recent times, that is the foundation to create a utility that its records may be without problems reached anywhere, any time. In addition, it'd be tough to manipulate all occasion registration manually, as it will take a long term for a protracted queue of clients to signal their call on the registrations table, additionally a whole lot of report to handle. Furthermore, human beings in recent times select comfort for their life. In different words, it's miles tougher for customers to open the internet site than click on a utility of their smartphones.

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2. LITERATURE SURVEY:

In the field of application architecture development has been done a lot of research, for example from [3, 4] you can clearly deduce what design patterns are, how and for what purpose they are used. One of the most popular patterns in Web is MVC. MVC pattern, that implies the division of the project into 3 parts: Model, View, Controller. MVC design pattern can be applied for Hikester project. This structure which satisfies the requirements of the manifesto described in the article [5].

If we add the conditions of the liquid architecture to the MVC, then we will add the condition for Model: mobile and web Models will be used a single storage. So, all users interact with the system will done through a single repository. Such storage could be real-time database – Firebase [6].

More information about how to build liquid software can be found in [7]. To support liquid architecture, another important requirement for the front-end is responsive design.

About this is written in the article [8]. Asynchronous method invocation also is design pattern which described in [9]. For example, in [10] described Node.js server. Also node.js and its novel implementation [11] are very good at coping with small data (**E.g. sensing data**).

Using new software approach in web's front-end - Single page application, described in [12, 13]. Based on this paradigm were created several front-end frameworks, one of them is a reactJS [14, 15].

3. OBJECTIVES:

1. To build a dynamic virtual event program, fully integrated with abstract management.
2. To check users symptoms by taking information.
3. To show path.
4. To invite relatives, friends, public to attend functions or events virtually.
5. Ease entry to invited members through QR code scan.
6. Ease to find function location through Google map.
7. Avoid crowd by virtual attendance in the function with the help of scanned QR code.
8. Ease at own place.
9. Gives invitation free of cost as it paperless which also save trees and which protect our environment.
10. As this is an Indian application which is build by keeping all authentic tradition infront of sight.

4. PROPOSED SYSTEM:

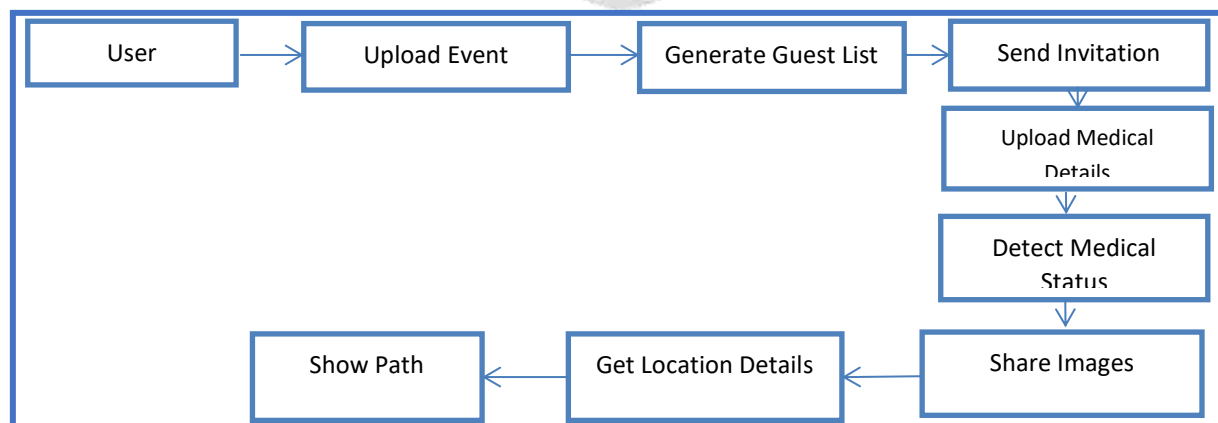


Fig.1. System Architecture

- 1. Logging In & Authentication:** The host will have a login ID and password and will be provided with different functionalities used to plan the event once logged In. All the logins would be authenticated at the server side.
- 2. Database:** The database used for the implementation is the SQLite database which is an opensource SQL database that stores data to a text file on a device. Android comes in with built in SQLite database Implementation. SQLite supports all the relational database features. In order to access this database, you don't need to establish any kind of connections for it like JDBC, ODBC etc.

Creating an Event: The host may create an event by choosing appropriate category and all the requirements of the event taken as input will be stored in the database.

- 1) There is invitation section where the Planner or Organizer can invite their guests. In this event management app, we have managed all the events in the way we celebrate our parties.
- 2) Comments Section, and Organizer upload Recording and will store to gallery, as well guest can download media of event from Photo Video Gallery for particular period.
- 3) Guest can also upload or broadcast their personal enjoyment moments as a story or in separate Folder of Event gallery.
- 4) Medical status form uploading for visitors.
- 5) One day before Reminder Message will be send to guest.
- 6) Map Location of venue will be trackable for Visitors.
- 7) On this Corona pandemic wearing a mask is must to remind that a notification get popup as soon as the guest search for location on google map till the event ends.
- 8) Users will be able to reserve their seats in events, registering at the event site, this application uses QR code to provide an easy way to verify participants' identity in an event.
- 9) Important Contacts like Near COVID-19 Hospital, General Hospitals, Fire briged Stations, etc.
- 10) Event as well as Sponsors Promotion & Advertising on Social Media.
- 11) 24*7 Customer Services as well Survey & Feedback Form will be provided to all end users.
- 12) Live Polling & Voting option will be provided for the events like Sports and other competitions.
- 13) Personalized Calendar will store all the events where the user is invited.

Advantages:

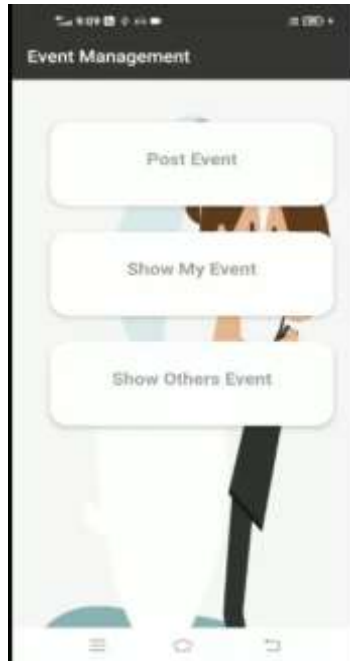
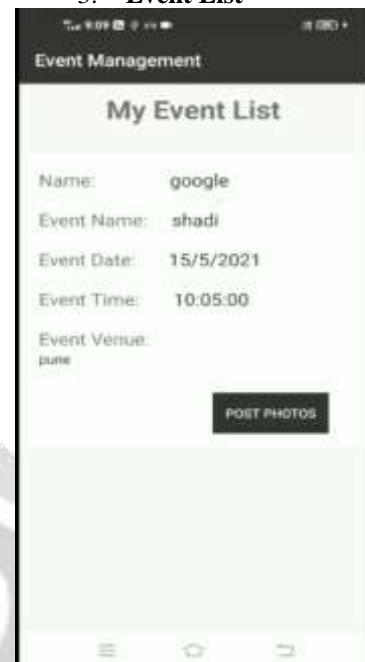
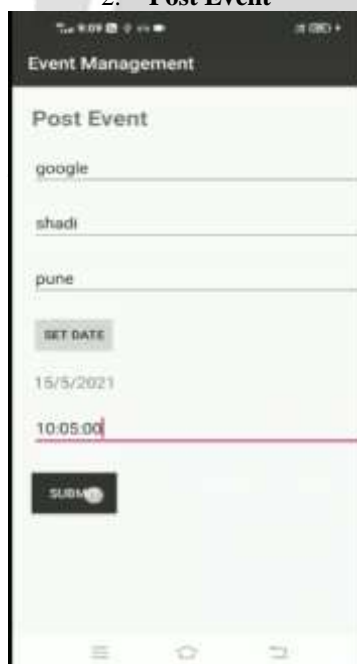
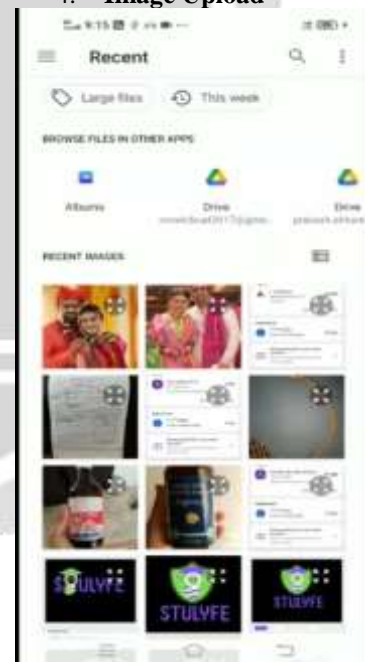
- Less Time Wastage
- Cost Reduction
- Safe
- Easy Broadcasting
- No manual intermediate required.

Disadvantages

- Require proper internet.

Applications:

- Events.
- Marriage Halls
- Institute

5. RESULT:**1. Event Main Screen:****3. Event List****2. Post Event****4. Image Upload**

6. CONCLUSION:

This application represents considerable authority in fixing the difficulties of going to occasions on this Coronavirus pandemic. Besides, this application will offer enormous realities of occasions for you to be without trouble reached through method of methods for clients and may be fit for deal with their occasion interest.

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