Mini Project Report

on

"CITY-ENTERTAINMENT"

Submitted for the partial fulfilment of Bachelor of Engineering

by

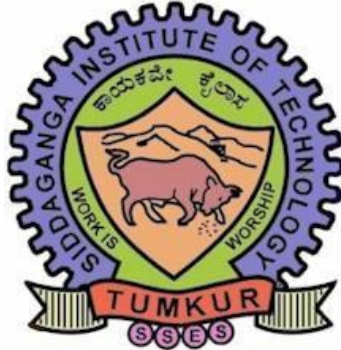|	
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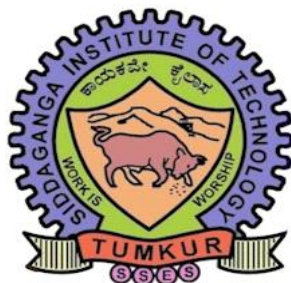### Siddaganga Institute of Technology, Tumakuru – 572103

(An Autonomous Institution, Affiliated to VTU, Belagavi & Recognized by AICTE, New Delhi)

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SIDDAGANGA INSTITUTE OF TECHNOLOGY, TUMAKURU-3

(An Autonomous Institution, Affiliated to VTU, Belagavi & Recognized by AICTE, New Delhi)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

CERTIFICATE

This is to certify that that the mini project entitled **"City Entertainment "** is a bonafide work carried out by **Astha Rani (1SI17CS016), Chinmay R C (1SI17CS027) and Deekshitha (1SI17CS032)** of VI semester **Computer Science and Engineering**, **SIDDAGANGA INSTITUTE OF TECHNOLOGY** for the partial fulfillment of Bachelor of Engineering during the academic year 2019-2020.

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Prof. and Head , Dept. of CSE

Name of the Examiners: **Signature with Date**

1.

2.

ACKNOWLEDGEMENT

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Name of the students:

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ABSTRACT

City entertainment information app.

City Entertainment is a mobile app created in Android Studio (app development) that aims to connect several small organizers and enthusiastic attenders of a particular area. At the very beginning of our app, there appears a splash screen for two seconds. Then by clicking on start button, we find something as shown below where the user can choose the option of their wish:
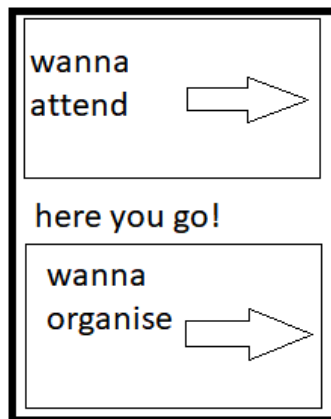
If they are the organizer, they will have to fill certain details like their name, mobile number, event date and duration, location and various other information of their event. If they are the attender then they will get list of options of events happening around them.

This app is mainly designed for metropolitan cities where people remain unknown of some of the interesting stuffs going around them and missing some of the beautiful and creative things of their place. This app focuses to promote the hidden talent of the various people by providing them an environment to highlight and promote themselves.

TABLE OF CONTENTS

1. <u>INTRODUCTION</u>

As we all know the main purpose of living our life, earning from day to night, struggling hard to succeed all is for living a happy life. But now-a-days people as they are involved in a greed to earn money without taking a single moment to breathe, they have forgotten the purpose of their earn. They spend most of their life working without rest. Most of the times the situation would also be the same, so the main motto of our app is broadly is of two kinds; one for people who has a lot of talents, skills hidden in them, but because of their busy schedule they can't concentrate on them and another for people who wish to spend some happy time with their family but sometimes they could not because of the busy life. So, our app provides opportunities for both kinds of people classified as organizers and attenders.

- Here the major role will be played by an admin, who will be providing a bridge between organizers and attenders.
- The organizer can inform the admin about the event by filling certain details which on accepted will be presented to the interested attender who are searching for the events going around them.
- Attenders can also rate and write the feedback about the event which will help other attenders and motivate the customers to organise such events in later period of time.
- If some situations arise that admin comes to know that there are organisers who are conducting the event but they are not mentioned in the app, then admin makes sure that they consult them and fill the details so that attenders don't miss it.
- For making it interesting on both sides, the app is having an Instagram account where the organisers can share the images of the previous events they have conducted. Admin will keep record of that by posting those images. Attenders can share the images of whatever event they have attended by tagging us. Best ones will be posted by the admin to make the event more popular.

1.1 OBJECTIVES

- To give opportunity to small organisers.
- Get to know what kind of events are happening in the city and expectations of the attenders.
- Give residents chance to showcase their talents.
- Have a good day out with their family.
- Planning your day with some scrolls on your mobile phone.
- Rating the event and organiser and motivating them to showcase more of their talents.

1.2 MOTIVATION

- This app is designed mainly for metropolitan cities where people remain unknown of some of the interesting stuffs going around them and missing some of the beautiful and creative things of their place.
- This app focuses to promote the hidden talent of the various people by providing them an environment to highlight and promote themselves.

1.3 MERITS

- Easy to use
- More efficient
- Safe and secure
- Encourages talented people
- Provides opportunities for deserving organizers
- Provides easy and interesting platform for attenders

2. <u>LITERATURE SURVEY</u>

2.1 Challenges faced by event organisers in Liverpool Chamber newsletter

Many challenges are mentioned which is being faced by the event organisers. Some of them are:

- Be Memorable

In this modern age of distraction, it is important to make events memorable and to make sure that guests of the event are remembering, and even talking about, the event days and weeks after it is over. Simple solutions like having photographers at the event can help people source out the events social networking accounts to find the photos and provide another opportunity to repeat the message of the event and be aware of additional events through the social network's future news releases.

- Environmental Issues

An increased sustainability and environmental focus is more essential in today's corporate environment than ever before, and the continuing demands of an ever more expressive population means that companies need to address their green initiatives in an open transparent manner, reduce their carbon footprint and engage in corporate social responsibility in a manner that will satisfy the communities affected.

- Technology

Keeping up-to-date with new developments, products and services through social media, newsletters, relevant marketing materials at exhibitions. The demand on event organisers to deliver something new and fresh will be a further challenge throughout 2013 and into 2014 and will enforce event organisers to think outside the box. Technological advancements can be at the heart of remaining sustainable and cost-efficient. Implementing effective digital solutions can help to streamline administration, communication and other internal processes, whilst simultaneously acting as a key marketing tool, enhancing overall brand awareness and brand reach.

Solution: So, this app helps them in these issues. Their events and their talents will be remembered because this app is having an Instagram account which will be storing all the

previous memories. The app provide transparency to the people around to know about their event. Technology is used in the best way because everyone can see every event happening around them. It's not that if you are an organiser you can't see other events happening. In this way the competition around can also be observed.

2.2 Conference Campus

At Conference Compass we have focused our attention on two prime areas: Content and Connectivity. Most of the clients we serve are the biggest medical and scientific societies in Europe. The 'moment of inspiration' for attendees of these events is when they are presented with amazing presentations and with content to be engaged with. Our apps are best-in-class when it comes to enabling a smooth flow of content between the attendees and the event.

Solution: According to this survey, it is observed that connectivity with the users or the audience is very important which is the key role of this app.

2.3 Article by Thoughtful Reader

- Providing leadership opportunities can reveal true leadership potential:

There are people who may have great leadership potential, just beneath the surface. Not everyone is a "go getter" who puts themselves forward to get that leadership position. Sometimes it is better to provide people with leadership opportunities, rather than expect them to come forward by themselves. This works well for introverts who are less likely to put themselves "out there" on display.

- Inviting people to take leadership opportunities can produce different leadership styles:

There are often people who can easily be picked as the leaders within a group. They like to take charge, make decisions and push things forward. Then there are others who may be more collaborative. These leaders are more likely to help guide a decision than to decide by

themselves. Giving people leadership opportunities can allow different leadership styles to emerge. Collaborative, introverted leaders can be extremely effective in some situations where a directive leader may struggle.

Solution: The motto i.e. "your happiness is someone's motivation" of the app is satisfying the need of today's era of becoming a leader and showcasing the talent.

2.4 Event Bank Insights blog

Not Enough Attendees

Event organizers often find effective marketing to be a huge obstacle because sometimes it can be difficult to reach out and engage with the right audience. Utilizing a CRM system or taking advantage of personalized email marketing will significantly help to promote your event. Currently, over 75% of marketers use email to promote their event, while 47% still use email invites. There are various types of event management software available that event organizers use. By utilizing a personalized marketing software, you can schedule your email campaigns and automatically send out event reminders – allowing you to productively communicate with your target audience and achieve maximum turnout rate.

Solution: This app is using Instagram and the app itself as a medium of advertisement which will help overcome the problem mentioned above.

3. REQUIREMENT SPECIFICATION

The purpose of this document is to build an online platform for event organizers to advertise their event and reach to people. It also provides information to the attenders.

3.1 OPERATING ENVIRONMENT

- Real-time database
- Client/Server system
- Operating system: Windows.
- Database: Firebase database
- Platform: Android Studio using Java
- Advertisement Platform: Instagram
- Navigation: Google Maps

3.2 CLIENT/SERVER SYSTEM

The term client/server refers primarily to an architecture or logical division of responsibilities, the client is the application (also known as the front-end), and the server is the DBMS (also known as the back-end).

- A client/server system is a distributed system in which,
- Some sites are client sites and others are server sites.
- All the data resides at the server sites.
- All applications execute at the client sites.

3.3 SOFTWARE DESCRIPTION

- Operating system: We have chosen Windows operating system for its best support and user-friendliness.
- Database: To save the event records, feedback records we have chosen real-time database in firebase.
- JAVA: To implement the project we have chosen java language for its more interactive support.

- Android Studio: To complete this project we have in Android Studio because of many of its supporting features.
- Instagram: For advertisement purpose, Instagram is used because of its popularity and great use among others.
- Android OS: Android OS is required in the mobile to run the app efficiently.

3.4 GOOGLE FIREBASE

Google Firebase is a Google-backed application development software that enables developers to develop iOS, Android and Web apps. Firebase provides tools for tracking analytics, reporting and fixing app crashes, creating marketing and product experiment.

3.5 ANDROID STUDIO

Android Studio is the official integrated development environment (IDE) for Google's Android operating system, built on JetBrains' IntelliJ IDEA software and designed specifically for Android development. It is available for download on Windows, macOS and Linux based operating systems. It is a replacement for the Eclipse Android Development Tools (ADT) as the primary IDE for native Android application development.

3.6 INSTAGRAM

Instagram is an American photo and video-sharing social networking service owned by Facebook, Inc. It was created by Kevin Systrom and Mike Krieger, and launched in October 2010 on iOS. The app allows users to upload photos and videos, which can be edited with filters and organized with tags and location information. Posts can be shared publicly or with pre-approved followers. Users can browse other users' content by tags and locations, and view trending content. Users can like photos and follow other users to add their content to a feed.

3.7 XML PROGRAMMING

Extensible Mark-up Language (XML) is a mark-up language that defines a set of rules for encoding documents in a format that is both human-readable and machine-readable. The World Wide Web Consortium's XML 1.0 Specification of 1998 and several other related specifications—all of them free open standards—define XML.

The design goals of XML emphasize simplicity, generality, and usability across the Internet. It is a textual data format with strong support via Unicode for different human languages. Although the design of XML focuses on documents, the language is widely used for the representation of arbitrary data structures such as those used in web services.

Several schema systems exist to aid in the definition of XML-based languages, while programmers have developed many application programming interfaces (APIs) to aid the processing of XML data.

4. DESIGN AND IMPLEMENTATION

4.1 Design of database stored in google firebase:

mini-9edbf addclose

- **ToShow**
  - **user1**
  - **user2**
  - **user3**
    - **a1**: [ ]
    - **a11**: [ ]
    - **a2**: [ ]
    - **a3**: [ ]
    - **a4**: [ ]
    - **a5**: [ ]
    - **desc**: [ ]
    - **dz1**: [ ]
    - **help**: [ ]
    - **hz1**: [ ]
    - **hz2**: [ ]
    - **z**: [ ]
    - **z1**: [ ]

- o **user4**
- **Users**
  - o **1580062668338**
    - **EventName:**
    - **Name:**
    - **date:**
    - **description:**
    - **email:**
    - **location:**
    - **mobile:**
    - **time:**
  - o **1580109132616**
  - o **1581075833824**
  - o **1582423620965**
- **list**
  - o **user1:**
  - o **user2:**
  - o **user3:**
  - o **user4:**
- **reviews**
  - o **1583344929742**

- **Comment**:
- **Name**:

"To show" stores the details of each event which need to be shown to the users.

"Users" stores the form which is submitted by the organisers.

"List" contains all the list of events scheduled.

"Reviews" store the reviews data which comes for particular organiser by the attender.

4.2 Flow diagram of organiser:

```
                    ┌──────────────┐
                    │    Start     │
                    └──────────────┘
                           │
                           ▼
                    ╭──────────────╮
                    │ Fill the form│
                    ╰──────────────╯
                           │
                           ▼
                    ◇──────────────◇
                    │   Wants to   │
                    │ upload photo │
      Yes           ◇──────────────◇          No
       │                                        │
       ▼                                        ▼
╭──────────────╮                        ╭──────────────╮
│   Go to      │                        │Form stored in│
│ _ENVIRON_S_  │                        │   database   │
╰──────────────╯                        ╰──────────────╯
       │                                        │
       ▼                                        │
╭──────────────╮                                │
│Upload photos │                                │
╰──────────────╯                                │
       │                                        │
       ▼                                        ▼
┌────────────────────────────────────────────────┐
│                     Stop                         │
└────────────────────────────────────────────────┘
```

4.3 Flow diagram of admin:

```
                    ┌─────────────┐
                    │    Start    │
                    └─────────────┘
                           │
                           ▼
                    ╭─────────────╮
                    │Verify the data│
                    ╰─────────────╯
                           │
                           ▼
                        ◇ Any doubt
              Yes    regarding the    No
                      submission ◇
               │                      │
               ▼                      ▼
        ╭──────────────╮      ╭──────────────────╮
        │ Contact the  │      │ Upload the data on│
        │ organiser and│      │ database and photos│
        │ make possible│      │ on Instagram for the│
        │  changes     │      │    viewers        │
        ╰──────────────╯      ╰──────────────────╯
               │                      │
               ▼                      ▼
        ┌──────────────────────────────────┐
        │              Stop                 │
        └──────────────────────────────────┘
```
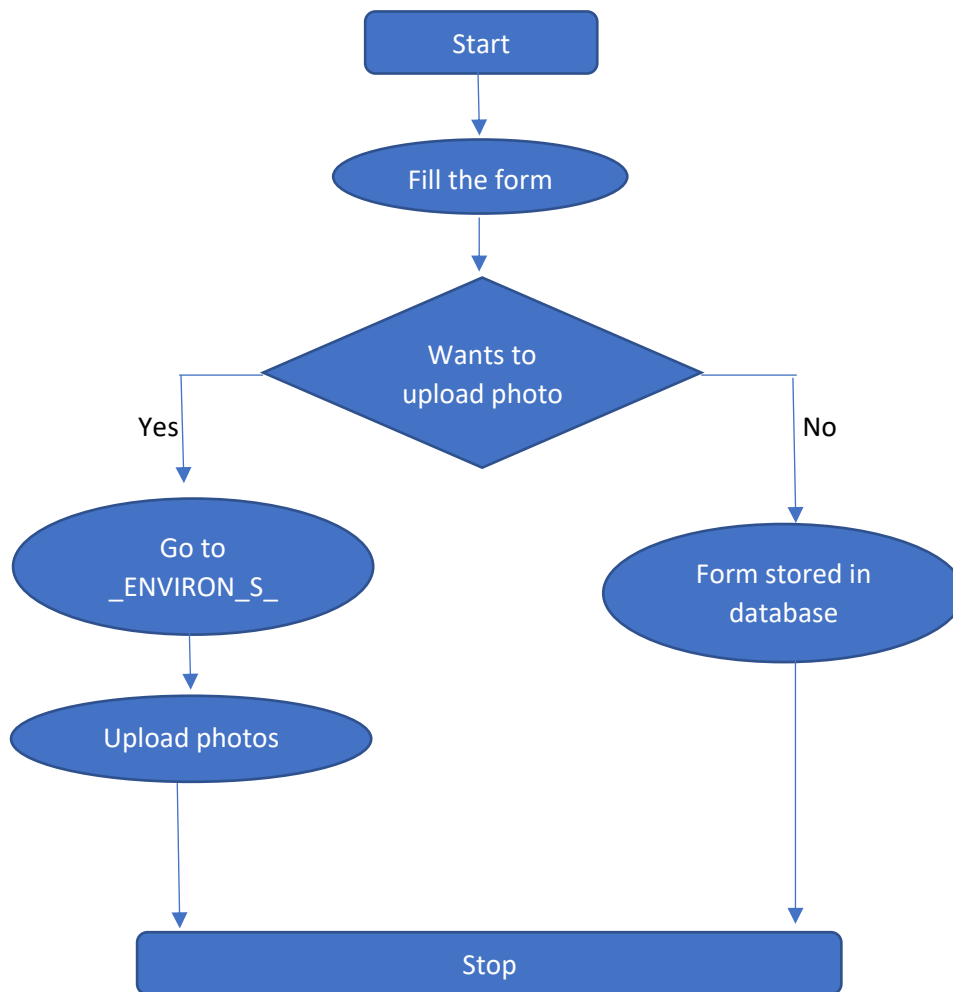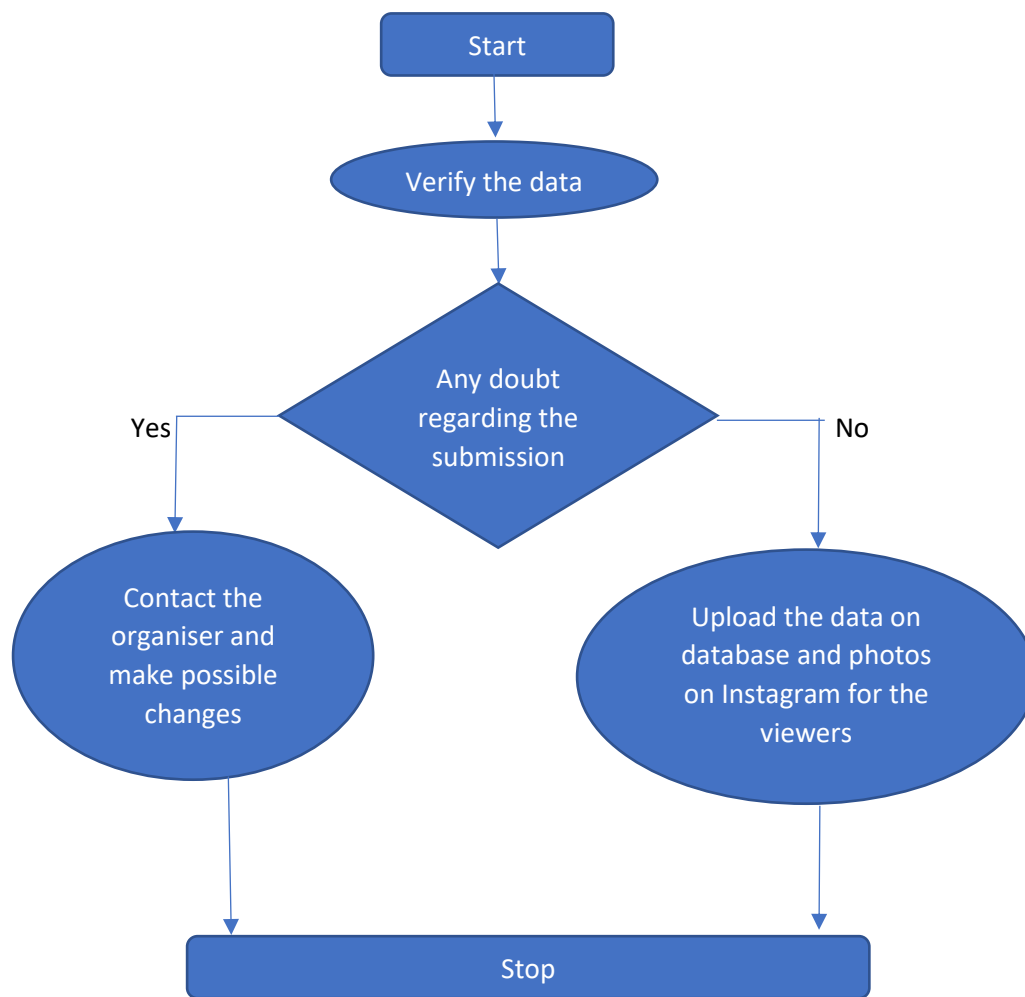
4.4 Flow diagram of attender:

```
                    ┌──────────┐
                    │  Start   │
                    └────┬─────┘
                         │
                         ▼
                  ╱─────────────╲
         Yes     ╱  Wants to visit ╲    No
      ┌─────────◄   Instagram     ►─────────┐
      │          ╲               ╱          │
      │           ╲─────────────╱           │
      ▼                                     ▼
┌───────────┐                        ┌────────────┐
│  Visits   │                        │ Gets the   │
│  and sees │                        │ list of    │
└───────────┘                        │ events     │
                                     └─────┬──────┘
                                           │
                                           ▼
                                    ╱─────────────╲
                          No       ╱  Interested in ╲   Yes
                       ┌──────────◄  any particular? ►──────────┐
                       │           ╲               ╱            │
                       ▼            ╲─────────────╱             ▼
                  ┌─────────┐                          ┌──────────────────┐
                  │ Closes  │                          │ Click on any and │
                  │  and    │                          │ get the details  │
                  │ leaves  │                          │ and if any       │
                  └─────────┘                          │ further info is  │
                                                       │ needed the press │
                                                       │ on email, mobile │
                                                       └────────┬─────────┘
                                                                │
                                                                ▼
                                                         ╱─────────────╲
                                               No       ╱   Visited      ╲  Yes
                                            ┌──────────◄   already?       ►──────┐
                                            ▼           ╲               ╱        ▼
                                      ┌───────────┐      ╲─────────────╱   ┌──────────────────┐
                                      │ Visit     │                        │ Share the        │
                                      │ later and │                        │ valuable feedback│
                                      │ closes    │                        │ and upload photos│
                                      │ app for   │                        │ on Instagram id  │
                                      │ now       │                        │ by tagging us    │
                                      └─────┬─────┘                        │ and then leaves  │
                                            │                              │ the app          │
                                            │                              └────────┬─────────┘
                                            │        ┌──────────┐                   │
                                            └───────►│   Stop   │◄──────────────────┘
                                                     └──────────┘
```

5. **RESULTS**

Snapshots of the app with explanation of each page:

I. Splash screen

It appears in the starting for two seconds. This contains logo of the app with a background denoting the requirement of the app.
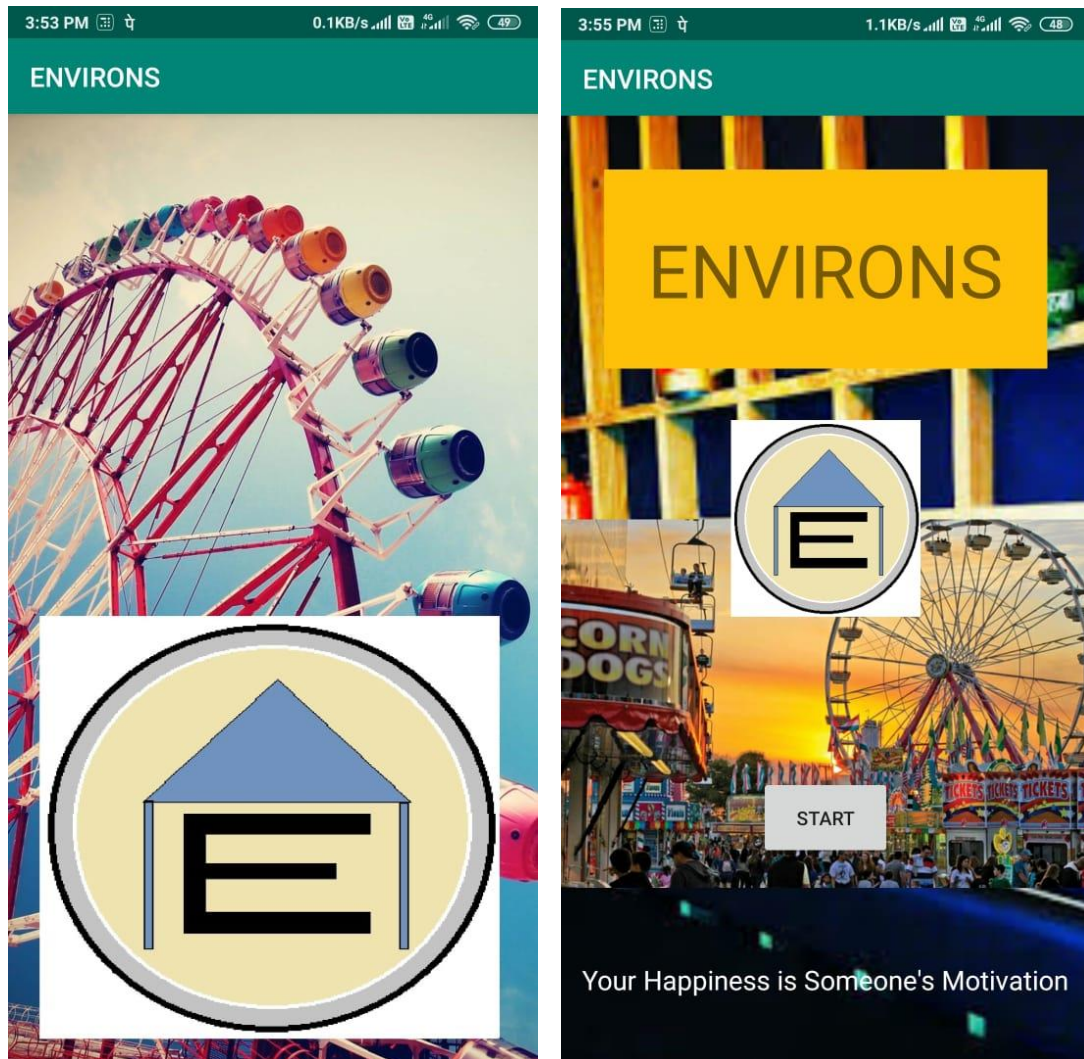

II. Front display

After few seconds of slash screen this page shows up which make sure that the user is ready to use the app and move forward.

III.   Page with options

This page has 4 options:

- VISIT OUR INSTA PAGE: This option provides to the users to visit app's Instagram page (id: _ENVIRON_S_) where users can see the images and various other things.

- I AM AN ATTENDER: This option is for those users who wish to know the events happening around them.

- I AM AN ORGANISER: This option is for the organisers who want to conduct the event in the city.

- DETAILS: This option will lead to detail page.
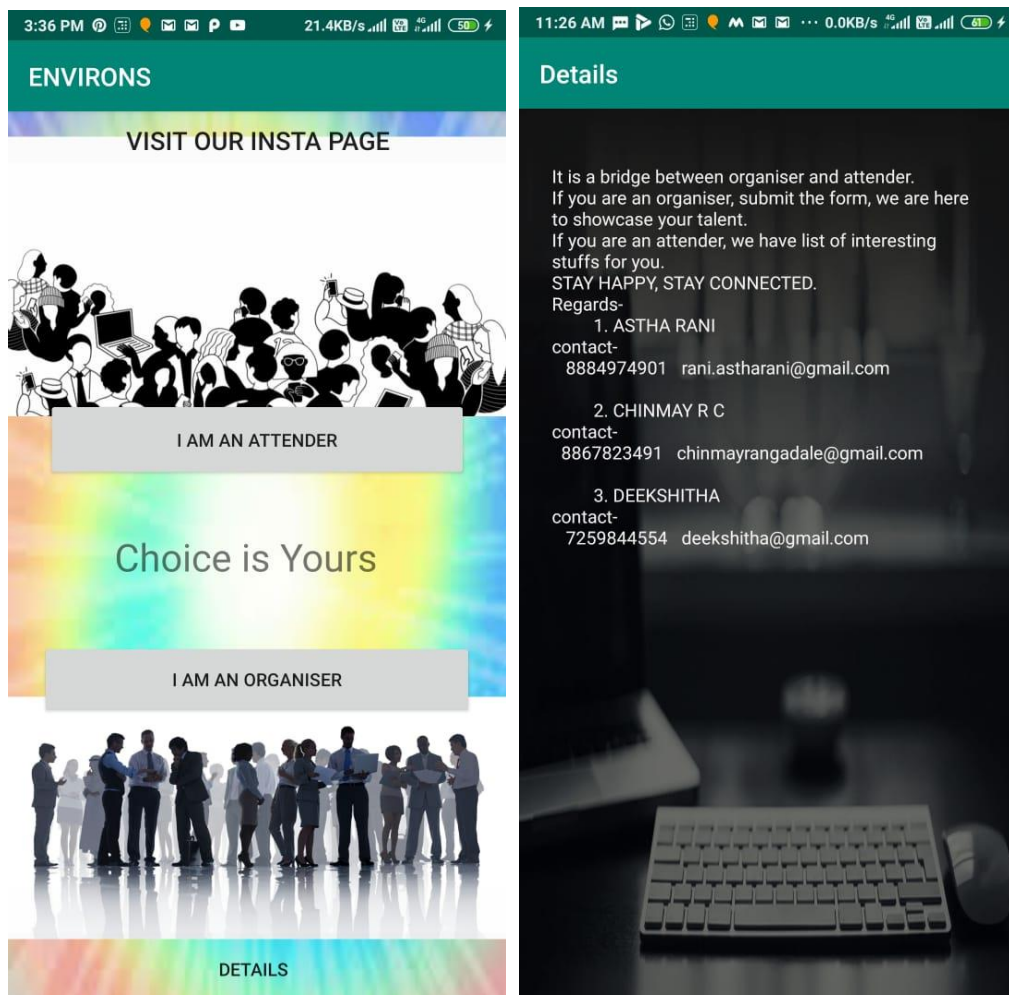
IV.   DETAILS PAGE

This page contains the details of the admin with a short message provided by them.

V.   ORGANISER PAGE

This page will be shown to organisers. After submitting details will go to admin who will cross verify before revealing it to users. If organiser is interested in advertising their event, they can send photos to the Instagram id.

VI.   ORGANISERS LIST

This page appears after clicking attender option in previous page. This is the list of events happening around them. If clicked on any option, complete detail of the event will appear.

VII. EVENT DETAILS

This is the detailed representation of the event. User can click on mobile number if they want to contact, click on email id to mail them or click on address to know the location. If they have attended the event and want to comment on it, they can click on "write comments" button.

VIII. FEEDBACK PAGE

This page gives a form which needs to be filled by the attenders accordingly. If they want, they can post photos on Instagram by tagging the id of the app.

6. <u>CONCLUSION</u>

The project report entitled "CITY ENTERTAINMENT" has been developed with much care and is efficient to use. As mentioned earlier, the app developed is very much helpful in providing greater entertainment for attenders and platform for organizers to showcase their talents and also to do something great by grabbing the opportunity. This app is simple for usage and clear with respect to all aspects and meets the objectives mentioned. It also provides security, where the admin authorizes the details given by organizers before permitting the organizer to conduct an event, hence it is safer without leading to spam. This app is providing opportunity for new organizers and interested attenders by connecting them. Organisers can get motivation by the valuable feedback and response of the attenders. Hence, it is concluded that the app provides lots of benefits to the people without any harm and have many benefits if used on larger scale. Lastly it can be concluded that audience plays a very crucial role in making a presentation good. If the audience shows interest then the presenter gets more confident which automatically makes the presentation good. Similarly, if the audience are keenly listening to what is being said it is a sign that the presentation is engaging and informative which serves as a motivating factor for the presenter that his work is being appreciated.

7. <u>REFERENCES</u>

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