

A  
**Synopsis Report On**  
**ANDROID APPLICATION FOR ONLINE**  
**VENUE BOOKING**

Submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in the partial  
fulfilment of the requirements of the Degree of

**Bachelor of Engineering**

in

**Information Technology**

by

**Akhilesh Thakre**  
**Bhushan Waghdhare**  
**Gaurav Thakre**  
**Mayank Rewatkar**

Under the guidance of

**Mr. M.S. Chaudhari**



**Department of Information Technology**  
**Priyadarshini Bhagwati College of Engineering, Nagpur (M.S.)**  
**Session: 2019-2020**

**Priyadarshini Bhagwati College of Engineering, Nagpur.**

**Department of Information Technology**

**Session:2019-2020**



**Certificate**

This is to certify that the synopsis report entitled “**ANDROID APPLICATION FOR ONLINE VENUE BOOKING**” is a bonafied work done by **Akhilesh Thakre, Bhushan Waghdhare, Gaurav Thakre, Mayank Rewatkar** under our guidance and is submitted to **Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur** in the partial fulfilment of the requirements for the Degree of **Bachelor of Engineering in Information Technology**.

**Mr. M.S. Chaudhari**

**Project Guide**

**Mr. M.S. Chaudhari**

**Head of Department**

**Dr. N.K. Choudhari**

**Principal**

## **ACKNOWLEDGEMENT**

*Many people have contributed in bringing this report to its present form. We are the presenter ascribe our success in this venture to our guide Mr. M.S. Chaudhari , H.O.D of Information Technology Department, P.B.C.O.E. Their endeavor for perfection, indefatigable zeal, enthusiasm, foresight and innovation contributed in a big way in completing this report with considerable ease in the stipulated time.*

*We are also grateful to Mr. M.S.Chaudhari, H.O.D. of Information Technology Department, P.B.C.O.E. The enthusiastic feedback from him was instrumental improving the presentation and in establishing our confidence in the structuring of the material. We also thank to the entire teaching and the non- teaching staff of the Department for their co-operation.*

*We express our admirations for Dr. (Mrs.) A. R. Chaudhari, Dean Academics, P.B.C.O.E. for her valuable advice and support throughout this venture.*

*Our sincere thanks are extended to Dr. N. K. Choudhari, Principal, P.B.C.O E. for constantly encouraging and helping us during the course.*

*Last but not least, our thanks are extended to all our friends and colleagues, those who gave us inspiration, those who gave their constructive ideas and also those who criticized us for our flaws, which finally made this report, see the light of the day.*

*Akhilesh Thakre*

*Bhushan Waghdhare*

*Gaurav Thakre*

*Mayank Rewatkar*

## --INDEX--

<b>Chapter.No</b>	<b>Chapter Name</b>	<b>Page No.</b>
<b>1</b>	<b>INTRODUCTION</b> 1.1:Problem Definition	1
<b>2</b>	<b>AIM AND OBJECTIVE</b> 2.1: Aim 2.2: Objective	2
<b>3</b>	<b>HARDWARE AND SOFTWARE REQUIRMENTS</b> 3.1: Hardware Requirement 3.2: Software Requirement	3
<b>4</b>	<b>PROJECT METHODOLOGY</b> 4.1: Android SDK 4.2: Firebase 4.3: The architecture of the Application 4.4: Flowchart	4-6
<b>5</b>	<b>OUTPUT</b>	7-11
<b>6</b>	<b>APPLICATION</b>	12
<b>7</b>	<b>CONCLUSION AND FUTURE SCOPE</b> 7.1 : Conclusion 7.2 : Future scope	13
	<b>REFRENCES</b>	14

# CHAPTER 1

## INTRODUCTION

India has the fastest growing telecom network in the world with many users moving towards Smart Phones and majority by students. Other than India all over the world has boom in mobile with many applications that are useful in day today life such as games apps, video calls, photograph apps, Shopping App, easy search options, etc. Android is open Google mobile platform which provide greater flexibility. Rapid application development and easy to develop user interface.

In today's world events are not arranged in limited space and also not limited to any city, state, and country. Events are organized every time across the world at different new locations along with new challenges like crowd management and end up with satisfaction of people who are invited or participated in it. We all are connected to events we can say now a days events are become a major part of our social life and for making this social life memorable we need a best options

This project is a mobile application an online platform between customers and venue owner along with various services providers like **Catering** , **Decoration** and **Music Systems** .This app will help people to find venue for organizing event across the country with a large no of different venue options .This venues are in the form of Marriage halls, Lawns and any place that are hired for organizing the events.

### 1.1 PROBLEM DEFINITION

While organizing any sort of event in any city or in other city or state .During organizing any event it may be any family event ,professional meetings, corporate seminars or any type of social gathering it is difficult to find a venue i.e place. It will be more difficult if the event is to be organized in other city. While organizing event the people are looking for the essential vendors (service providers) who are professionals in their service providing bussiness like Decoration ,Catering and Music Facility for finding them will take a so much time .So to overcome all these we are have made an online platform to for finding and booking venue and service provider on mobile app called “**MY VENUE**”.

## **CHAPTER 2**

### **AIM & OBJECTIVE**

#### **2.1 AIM :**

To provide a online services to customers as well as to save customers time.  
So that the customer have no need to roam for searching a desired “VENUE” for their event and service providers .

#### **2.2 OBJECTIVE :**

- Provide an online platform for a searching a venue.
- Provide mobile application to get appointment with venu owner and other essential service providers.
- To increase a business opportunity.
- To provide Large no of budget friendly options to customers.
- Due to mobile application customer don't need to go anywhere to find services providers.
- Customer will get notified after successfully booking of their appointment.

## **CHAPTER 3**

### **HARDWARE AND SOFTWARE REQUIREMENT**

#### **3.1: HARDWARE REQUIREMENT :**

- PROCESSOR :QUADCORE PROCESSOR
- SPEED : 2.0Ghz
- RAM : MINIMUM 2 GB
- SECONDARY MEMORY : 8GB
- ANDROID DEVICE

#### **3.2 SOFTWARE REQUIREMENT :**

- ANDROID VERSION REQUIRE:  
MINIMUM:5.0(LOLIPOP)  
MAXIMUM:9.0(PAI)
- LANGUAGE USED: JAVA, XML
- PLATFORM : ANDROID STUDIO
- DATABASE : FIREBASE

## CHAPTER 4

### PROJECT DESIGNE & METHODOLOGY

- The tool we have used is : Android Studio IDE.
- Technology used : HTTP based.
- Programming used : JAVA.

#### 4.1 ANDROID SDK:

The Android SDK provides you the API Libraries and developer tools necessary to build, test, and debug apps for Android. If you're a new Android developer, we recommend you download the ADT Bundle to quickly start developing apps. It includes the essential Android SDK components and a version of the Android Studio IDE with built-in ADT (Android Developer Tools) to streamline your Android app development. With a single download, the ADT Bundle includes everything you need to begin developing apps.

- Android Studio
- Android SDK Tools
- Android Platform tools
- The latest Android platform (AndroidX)
- Android API Miner



## 4.2 FIREBASE

### Using the Firebase database for storing data in Android:

- **Firebase database.** **Firebase** is a real time data base which allows to store tree of lists of objects.
- Configure **firebase**.
- Integrating into your **application**.
- Access.
- Create a new **project**.
- Configure **firebase**.
- Integrating into your **application**.
- **Firebase** links.

### 4.3 The architecture of the Application consist of four components:

#### 1. Hall Vendors :

Here users can find list of various **Hall Vendors** and their contact details for booking Venue for their events.

#### 2. Music Vendors:

Here users can find list of various **Music Vendors** and their contact details to book for their events.

#### 3. Decoration Vendors:

Here users can find list of number of various **Decoration Vendors** and their contact details to book for their events.

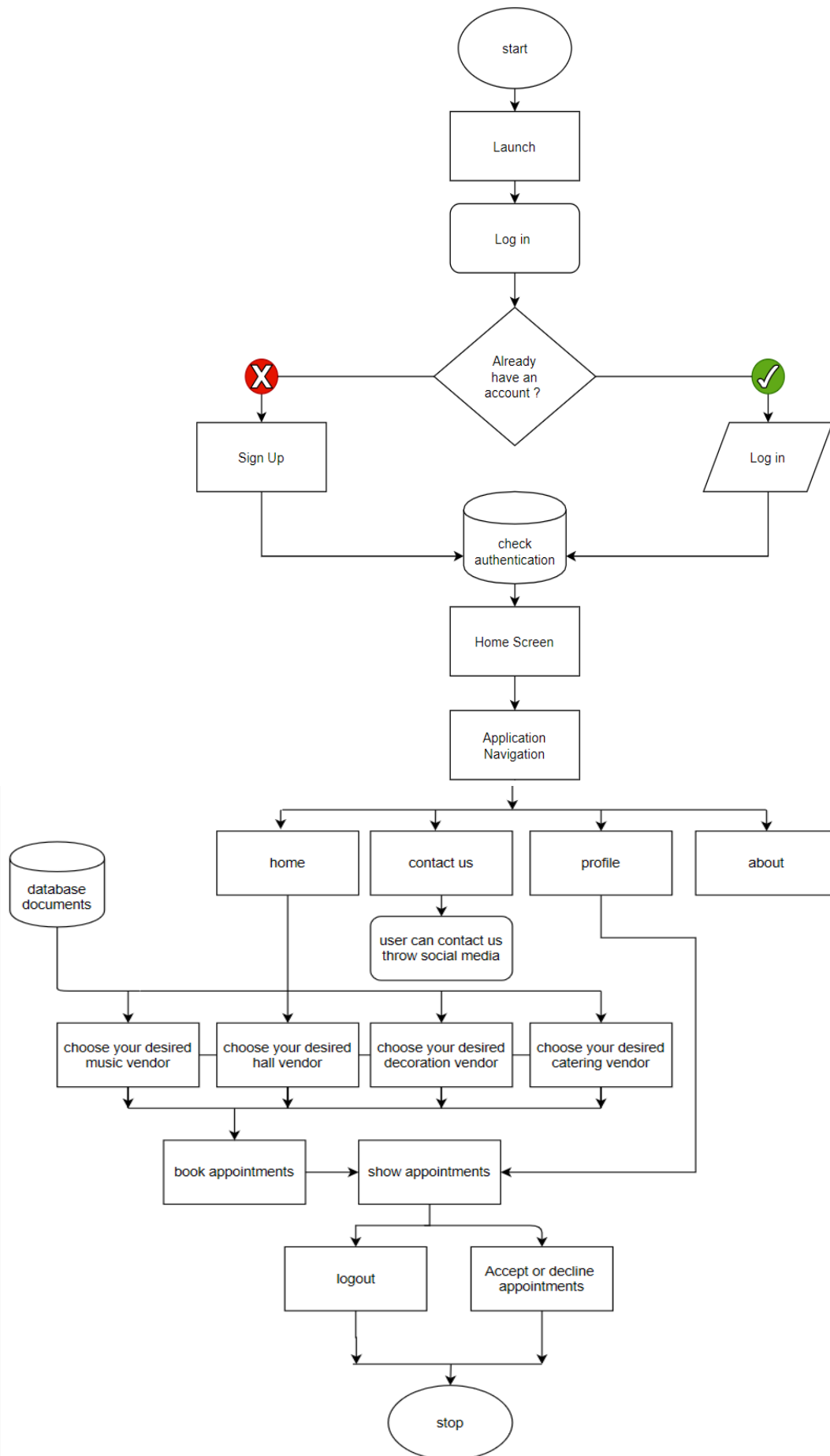
#### 4. Catering Vendors:

Here users can find list of number of various **Catering Vendors** and their contact details to book for their events.

From Cloud Firestore Database we fetch the list of  
The required vendor and provide for the user.

Depending on Availability user can fix there appointment.

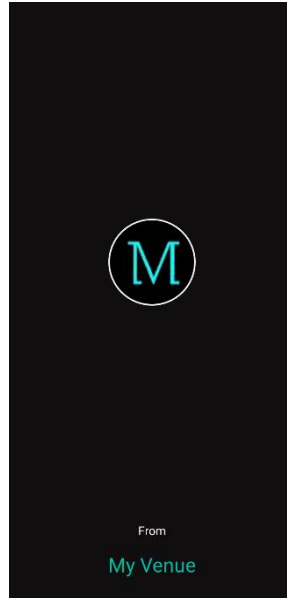
## 4.4 Flowchart for booking appointment:



## CHAPTER 5

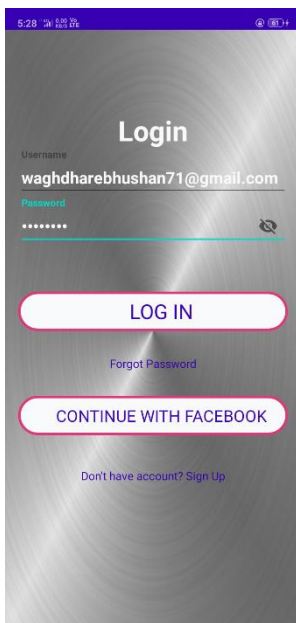
### OUTPUT

#### 5.1.1 The Entry Screen of Application



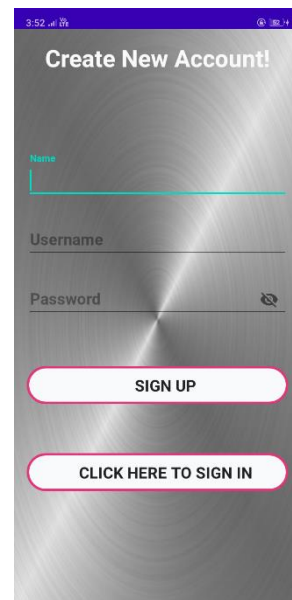
App Opening Page

#### 5.1.2 Login Page



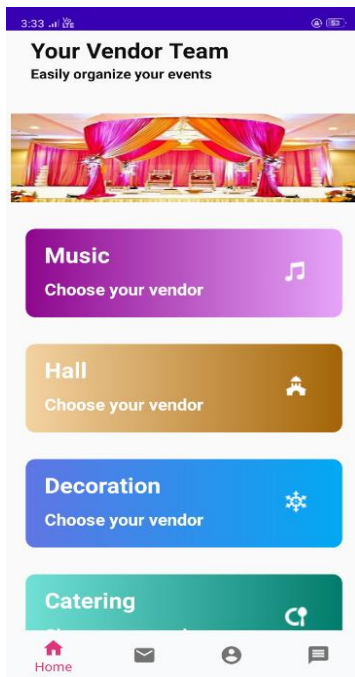
Login page for user to login in to the app using Email by clicking on login button and Link for Signup page.

#### 5.1.3 Signup Page



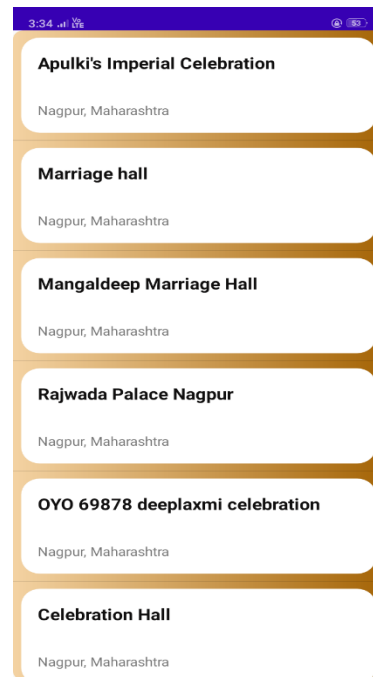
Sign Up page for new User registration.

## 5.1.4 Home Page



Home Page of where all Categories are displayed.

## 5.1.5 List of Halls



After selecting hall option list of various hall vendors will be displayed.

## 5.1.6 Hall Information

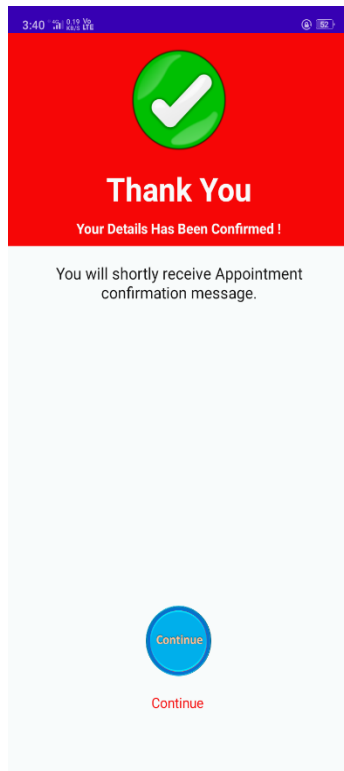


Hall information will be displayed after selecting hall vendors.

## 5.1.7 Appointment form

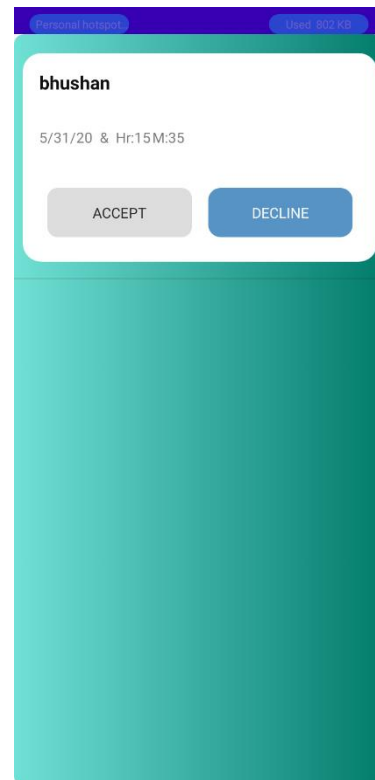
User have to fill this form while Booking appointment.

### 5.1.8 Book Confirmation



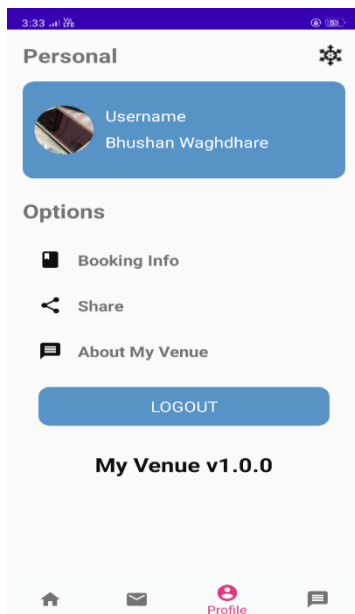
Here user will take an appointment.

### 5.1.9 Confirmation Message



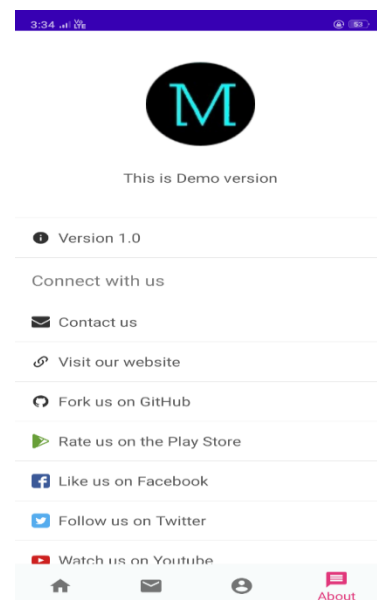
Booking confirmation message  
Received by user.

### 5.1.10 Booking information



In profile booking info will be  
Shown.

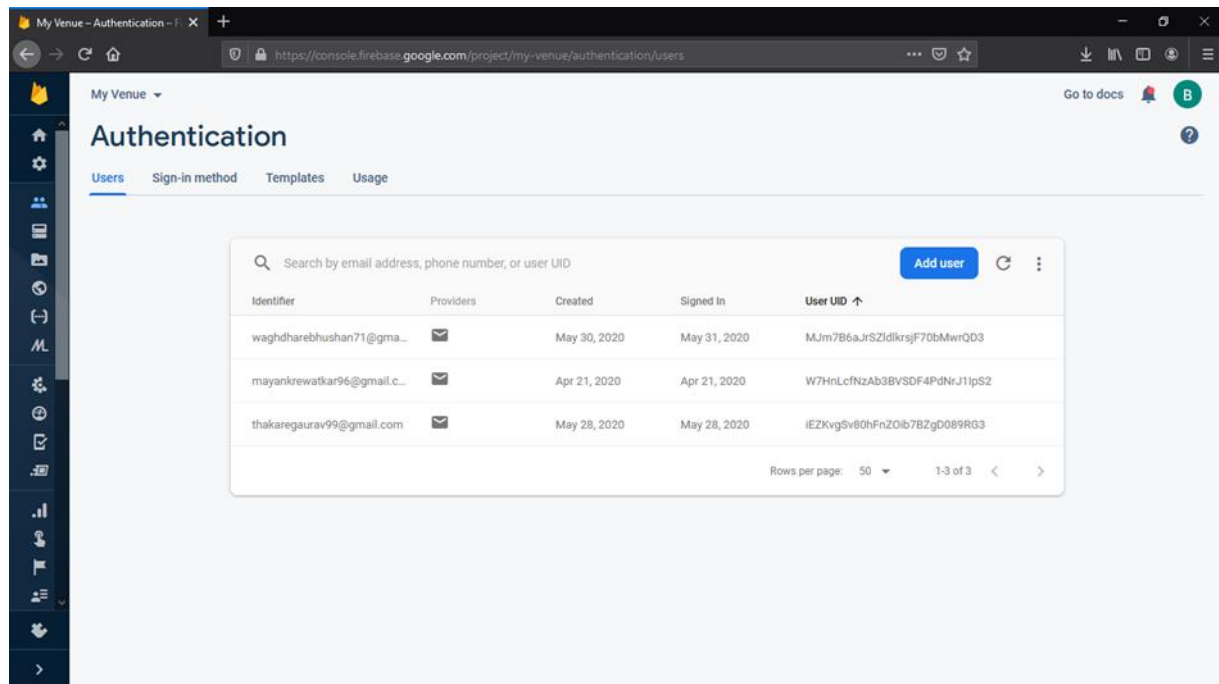
### 5.1.11 About app



In about contact information will  
displayed.

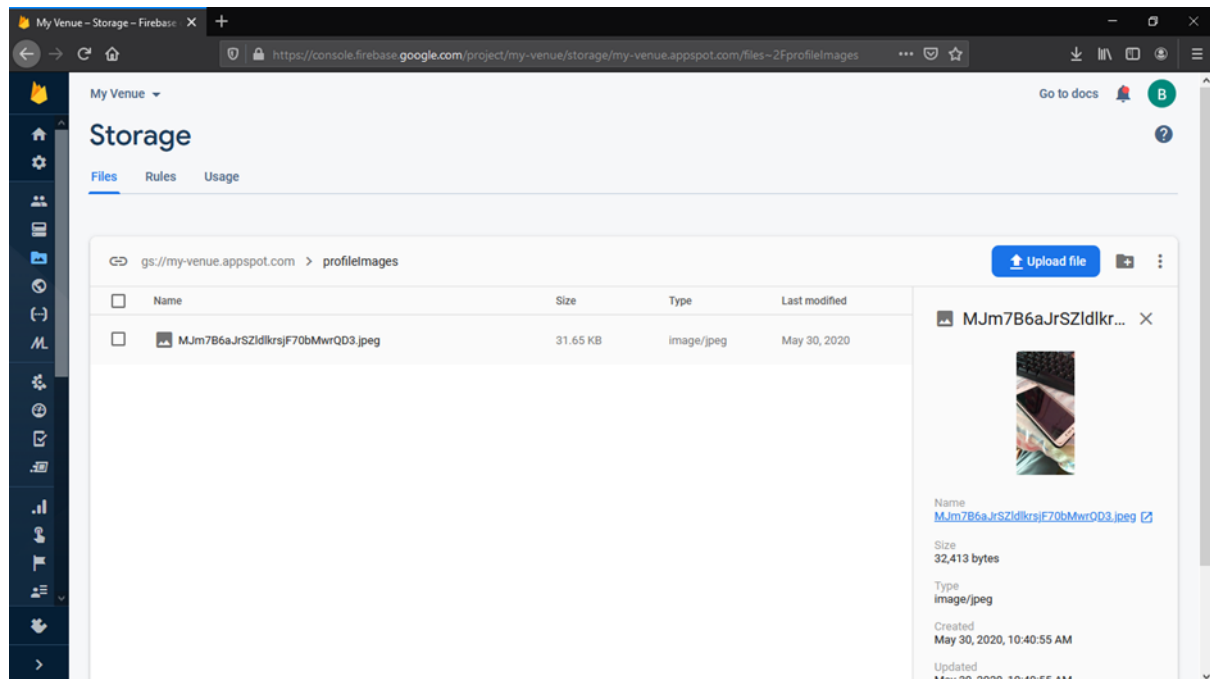
## 5.2 Cloud Firestore Database :

### 5.2.1 Authentication:



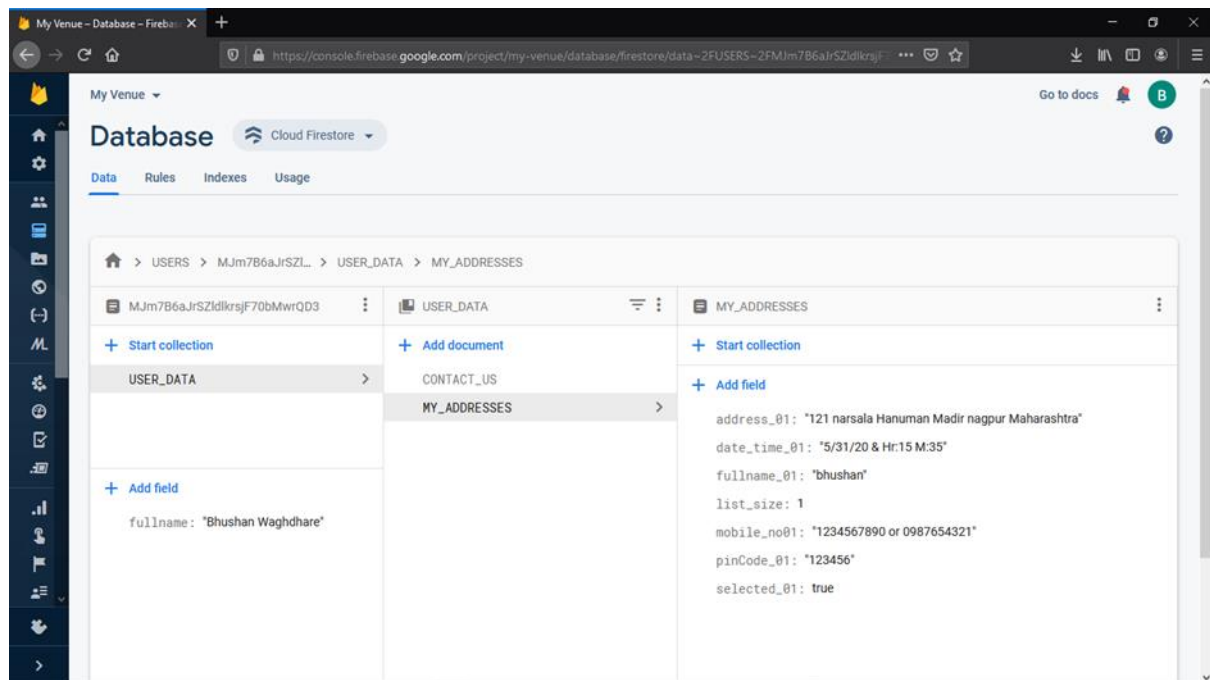
Login details will be store in Authentication database.

### 5.2.2 Storage:



Application contents are stored in Storage database ( vendor's data ).

### 5.2.3 User Database:



Data submitted by the user will be stored here.

## **CHAPTER 6**

### **APPLICATION**

- ❖ It saves the time of the user.
- ❖ It has no of vendor option.
- ❖ It has user friendly environment.
- ❖ Generate employment for small vendors.
- ❖ Useful for instant event organizing in short time.
- ❖ No need to go outside and search venues and vendor .
- ❖ It provide 24\*7 services.



## **CHAPTER 7**

### **CONCLUSION AND FUTURE SCOPE**

#### **7.1 CONCLUSION**

This project is design to reduce time and save money of customer. It has provided with number of option so that the customers have no need to roam to find vendors. Through this project an employment for various small-scale vendors will be generate.

#### **7.2 FUTURE SCOPE:**

This application will open market for every type of vendor and it will bring revolution in services providing business .

## REFERENCES

Android Studio -  
<https://developer.android.com/docs>

Stack Overflow –  
<https://stackoverflow.com/>

YouTube -  
<https://www.youtube.com/>