

GOVERNMENT POLYTECHNIC, PUNE

(An Autonomous Institute of Government of Maharashtra)



DEPARTMENT OF COMPUTER ENGINEERING

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PROJECT REPORT ON

“Eventiators- The Android Application To Manage Your Events”

SUBMITTED BY

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UNDER THE GUIDANCE

OF

Prof. T.P.Sharma

(COMPUTER ENGINEERING DEPARTMENT)

GOVERNMENT POLYTECHNIC, PUNE

(An Autonomous Institute of Government of Maharashtra)



CERTIFICATE

This is to certify that

1806097 Narkhede Mrudul Sanjay

Of class Third Year (2020-21) have successfully completed project on
“Eventiators -The Android Application To Manage Events” under the
guidance of **“Mr. T.P.Sharma”** in parallel fulfilment of requirement for the award
of Diploma in Computer Engineering from Government Polytechnic, Pune.

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ABSTRACT

This project is aimed at event management with ease. Despite of all the traditional methods for event management by knowing the event managers for their profession the project is designed for making the customer self dependent in case of managing the happy moments with their events .

To the real life problem of society for troubling process of event management will be reduced to the next level by the android application.

User can LogIn/register to the system and can order the decoration set ,appoint photographer , and can order the catering service for event and keep track on order status since admin can change the order status .

With this android application organizer will all free up to managing the events as they want with their feasibility and event occasions. With the ease of our application organizer can get the required things with the requirement of them.

Application admin can change the order status the time at admin will receive the order notification. And user can view the updated order status from user panel.

In the era of technology and the smart world our application is intended to provide all the doorstep services for user to manage their events smartly with just simple of clicks.

Chapter 1

Introduction

1.1 Overview :



Figure 1 . Application Icon

Event management is a process of Organizing a Focused and professional event, for a particular target Audience. ... Planning is one of the most important elements of event management you can say or is planning an event in itself. It gives benefits to event managers by event advertising, it promote the publicity of event.

Event management is the application of project management to the creation and development of small and/or large-scale personal or corporate events such as festivals, conferences, ceremonies, weddings, formal parties, concerts, or conventions.

It involves studying the brand, identifying its target audience, devising the event concept, and coordinating the technical aspects before actually launching the event. The demand for professional event planners is growing rapidly in India.

Event management provides multiple opportunities to meet and interact with celebrities like actors, actresses, sports personalities, politicians and similar high-profile people. This profession

provides opportunities for free travel. Event management is a personally rewarding career as it provides job satisfaction. It is one of rare professions that requires minimum educational qualification to start a career. Event management might be a tool for strategic marketing and communication, used by companies of every size.

Companies can benefit from promotional events as a way to communicate with current and potential customers. For instance, these advertising-focused events can occur as press conferences, promotional events, or product launches. Event managers may also use traditional news media in order to target their audience, hoping to generate media coverage which will reach thousands or millions of people. They can also invite their audience to their events and reach them at the actual event.

1.2 Importance Of Events In Life :

Events are important because they allow for a more intimate and engaging experience with your audience which ultimately leaves a lasting impression and one that is more memorable than a passive viewing of a more traditional form of advertising. Big and small, happy and sad, all the milestones and special events in your life have helped shape you into the wonderful person that you are today. And not only that, but the events in your life provide fertile ground for writing your own memoir.

A memoir is a great way to preserve your stories and your legacy. Events and experiential allow for the opportunity for brand or product to connect with people and show how it can be part of a person's life. ... If this person had a great 2 minute experience, they'll feel more inclined to make this brand or product part of their daily life. Events are creating a face to face experience for businesses and their prospects, creating value instead of selling.

This allows for a more stable and scalable growth directly attributing to the livelihood of the business. Events are important because they allow for a more intimate and engaging experience with your audience which ultimately leaves a lasting impression and one that is more memorable than a passive viewing of a more traditional form of advertising.

Events come in all shapes and sizes but the ability to interact one-on-one with a brand, environment, product etc. is unique to events and the reason I feel they are such an important medium of advertising and the future of brand marketing. Events and experiential allow for the opportunity for brand or product to connect with people and show how it can be part of a person's life.

Whether the person's experience is speaking to a brand ambassador or actually trying out a product first hand, this interaction creates a deeper and more personal connection than if they just saw an ad on a screen. If this person had a great 2 minute experience, they'll feel more inclined to make this

brand or product part of their daily life. Human interaction is at the core of a brand conversion experience. In a day and age when the digital world is at your fingertips it's easy to lose consumers in the chaos of mass communication and transactional advertising. Events serve as the purest form of authentic brand engagement and have the power to shift a consumer from a naysayer to passionate brand evangelist.

1.3 Existing System :

To fulfil the need of managing events organizers are supposed to order the requiring things by the physical visits or real life contact.

In this traditional way customer have to contact the service providers and inquire for the availability of services, and then to order the required things.

This process can take longer time with no guarantee of the best and proper service which may lead to downgrade the event's quality.

In this existing system organizer has to keep the record of all the things. And moreover this system is quite complex , unfeasible with several aspects and the manual process oriented.

Organizer has to keep track of ordering and to pay for the service as demanded by the providers .This can make organizer unable to manage their event as they wanted to do.

1.4 Proposed System :

To overcome this process of managing events by this traditional way the system is proposed to create events as organizer want to.

With the android application developed by the team the problem of ordering the services and asking for the availability can reduce to next level.

Organizer would be feasible to manage their events on just certain clicks on his/her android phone. Ordering the decoration sets, ordering the catering service, appointing the photographer ,ordering cake such manageable things would be done on simple clicks.]

1.5 Purpose :

So, the developed application is purposed to remove the third-party dealer from service providers and the organizer and making the easier way to manage the events smartly.

This android application is purposed to save the organizer's time and keep simple process to manage events of celebrations.

1.6 Need :

In today's world where everyone is in rush of making their tasks at the earliest and here the managing of events is still the manual process ,so for the purpose of saving organizers time and making the events grateful and more lighted by happiness without any kind of unpleasurable management, this android application is needed.

Chapter :2

Project Plan

2.1 Software Model:

- For this project, we use iterative model.
- Iterative process starts with a simple implementation of a subset of the software requirements and iteratively enhances the evolving versions until the full system is implemented.
- At each iteration design modifications are made and new functional capabilities are added. The basic idea behind this method is to develop a system through repeated cycles and in smaller portions at a time.

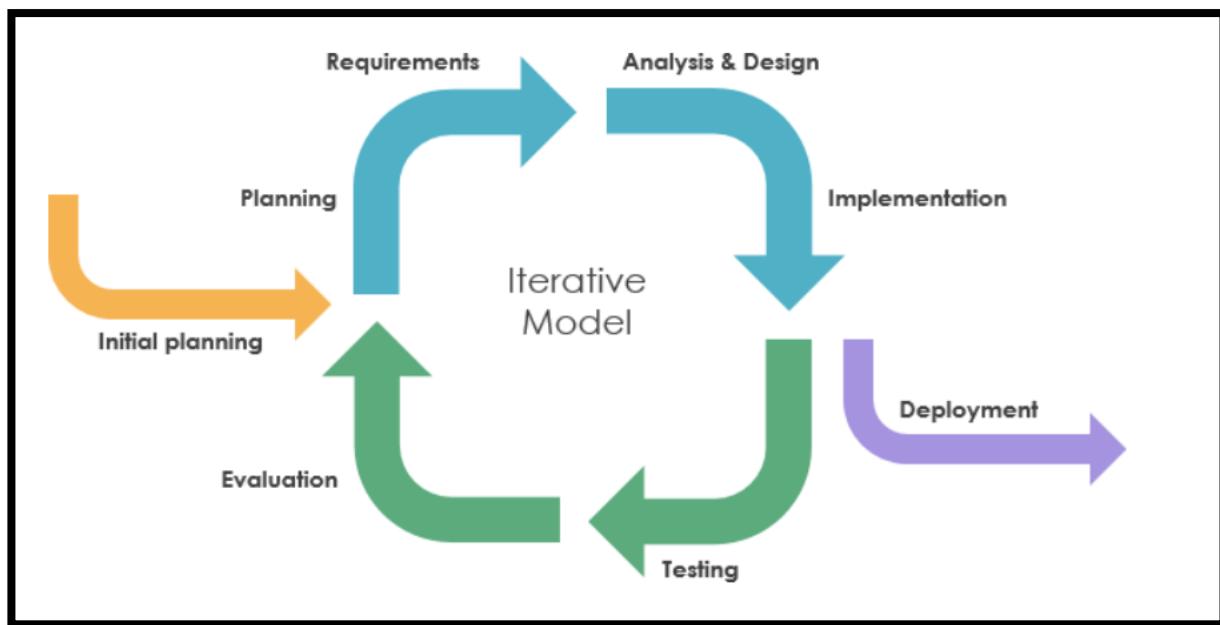


Figure 2 - Application Software Model

2.2 Approach in project development:

The project is developed following the SMART approach.

- ✓ Specific

- ✓ Measurable
- ✓ Achievable
- ✓ Realistic
- ✓ Time-bound

2.3 Project Goals :

The following goals are achieved by this project plan:

1. Software risks are documented for use in planning and tracking the software project.
2. Software project activities and commitments are planned and documented.
3. Affected groups and individuals agree to their commitments related to the software project.
4. Project is scheduled and documented.
5. Gives the desired output

2.4 Project Scope –

The Application will allow user to order the decoration set , to order the cake and ordering the catering service and the appointing the photographer for event. User can keep in track of his/her orders .

The application allow user to design the invitation card for the birthday celebration. User can save the invitation card to the internal storage of the device.

Project Deliverables -

- 1.Confirmation Of order placed.
- 2.Birthday invitation card into the device storage in the image format.
- 3.Order updating by admin.

2.5 Feasibility study And Project Risk -

2.5.1.Feasibility study:

A feasibility study is an analysis that takes all of a project's relevant factors into account—including economic, technical, legal, and scheduling considerations—to ascertain the likelihood of completing the project successfully.

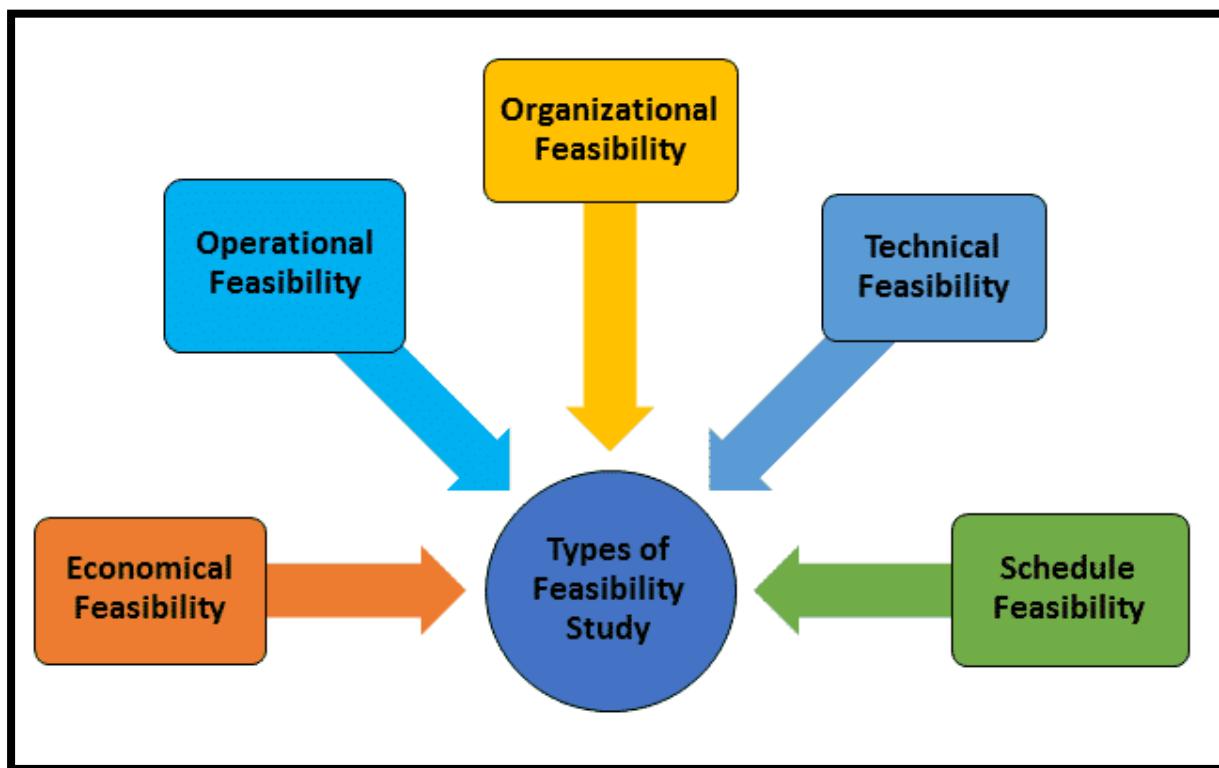


Figure 3 - Types of Feasibility

i. Economical Feasibility

Economic analysis is the most frequently used method for evaluating the effectiveness of a new system. application is highly economically feasible. The only thing to be done is making an environment with an effective supervision. It is cost effective in the sense that has eliminated the paper work completely.

The other aspects to be considered are:

– Cost Estimates:

There is no need of cost estimate as all the tools and technologies use for the software development are freeware and no special training is required to handle such tools and technologies.

– Investment:

There is financial investment in the project which can lead to a big successful organization.

– Impact:

Some investments have financial costs with financial returns. But in this application, there is no external person who is investing rather than team members.

ii. Technical Feasibility

The project is mainly an android application therefore android OS is the main technical requirement for it. The other main technologies and tools that are associated with this project are:

- Android
- java
- firebase

Each of these technologies are freely available and the technical skills required are manageable. Time limitations of the product development and the ease of implementing using these technologies are synchronized.

From this it is clear that this project is technically feasible.

iii. Operational Feasibility

Operational feasibility determines how acceptable the application is with the organization. One of the main objectives of developing a user-friendly application is that the user does not face any problem while operating with the system. Operational feasibility is dependent on human resources available for the project and involves projecting whether the system will be used if it is developed and implemented. Operational feasibility is a measure of how well a proposed system solves the problems, and takes advantage of the opportunities identified during scope definition and how it satisfies the requirements identified in the requirements analysis phase of system development.

Our team members are well aware of the fact that if a new system is not user friendly, it won't deliver the expected results. Keeping this in mind developers of Eventiators system had done a complete research to achieve successful completion of project.

As we always wish to customer satisfaction, we do our every bit to accomplish it. Our team members are well equipped with a wealth of knowledge and skills to provide excellent services.

iv. Recourse feasibility

It is also an essential part of a feasibility study. It includes questions regarding time required to complete the project, type and amount of resources required and dependent factors. It also takes care whether the project is interrupting any current business activity. So, it takes care of optimum utilization of the resources available.

We at Eventiators system, worked towards the completion of project, keeping in mind the resources available. We also take care of all other resources that are needed to complete the project. Time is considered as money, and as we understand its value significantly.

Resources that are required for this project include,

1. Programming Device (Laptop)
2. Programming Tools (Freely Available)
3. Programming Individuals
4. Project Guide

From this it is clear that this project is resource feasible.

2.5.2 Project Risks –

Major risks we have determined for this software are as follows:

- Equipment failure
- Late delivery of order updation
- Technology will not meet expectations
- Changes in requirements
- Deviation from software engineering standards
- Network connection failed.

- **Risk Table –**

Risks	Probability	Impact
Equipment failure	60%	1
Late delivery of order updation	10%	1
Technology will not meet expectations	25%	3
Changes in requirements	20%	2
Deviation from software engineering standards	10%	3
Network connection failed	5%	4

Table 1 – Risk Description Table

Impact Levels –

1 – High

2- Hight To Medium

3- Medium

4-Medium To Low

5 -Low

2.6 Project Schedule –

Month schedule	Phase	Required Days	Work done
April	Fields surveys	4 days	Done the fields survey
April	Topic searching	7 days	Topic searched
April	Topic selection	4 days	Topic selected
April	Project confirmation	1 day	Project confirmed
April	Literature survey	3 days	Literature survey done
April	Requirement analysis	3 days	Requirement analysis done
April	Requirement gathering	5 days	Requirements gathered
April -May	Deciding technology stack	10 days	Technology stack designed
May	Firebase database creation	1 day	Database created
May-June	Coding according to divided modules	25 days	Created modules
June	Integrating the modules	15 days	Integrated
June	Integrating the database	2 days	Integrated
June	Testing the system	5 days	Tested
June	Adding additional functionalities	2 days	Done
June	Testing the working of modules	2 days	Done
June	Fixing bugs	2 days	Done
June	Result analysis	2 days	Done
June	Report	2 days	Done

Table 2 – Project schedule Format

Chapter 3

Requirement Analysis

This chapter will explore the system requirement analysis (Functional and non-functional requirements)and requirement specifications.

3.1 Hardware Requirements:

- System : Qualcomm / Octa-core processor.
- Clock Speed : 3.0 GHz.
- Hard Disk : 1 GB (max).
- Mobile : Android
- Ram : 500 Mb (or more)

3.2 Software requirements:

- Operating system : Android (Marshmallow and above)
- Language : Android SDK 2.3 above
- Front End : Java , xml.
- Back End : Google Firebase.

❖ Technology Stack

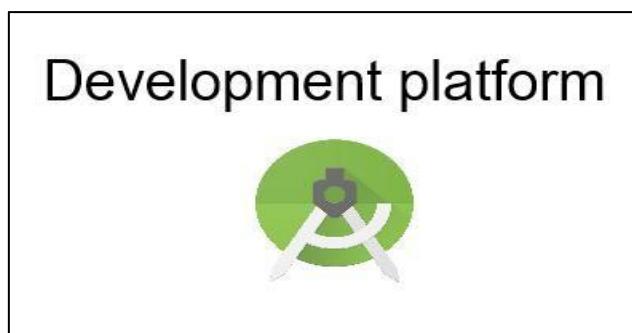


Figure 4 – Android Studio Symbol

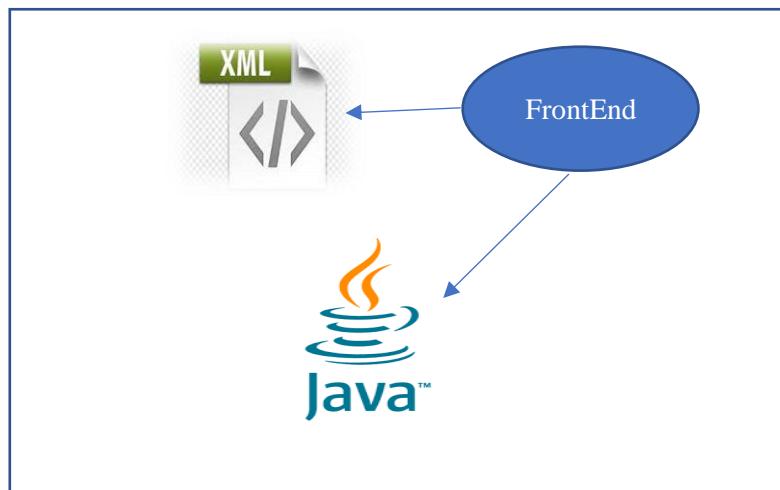


Figure 5 - Front End Languages

3.3. Android:

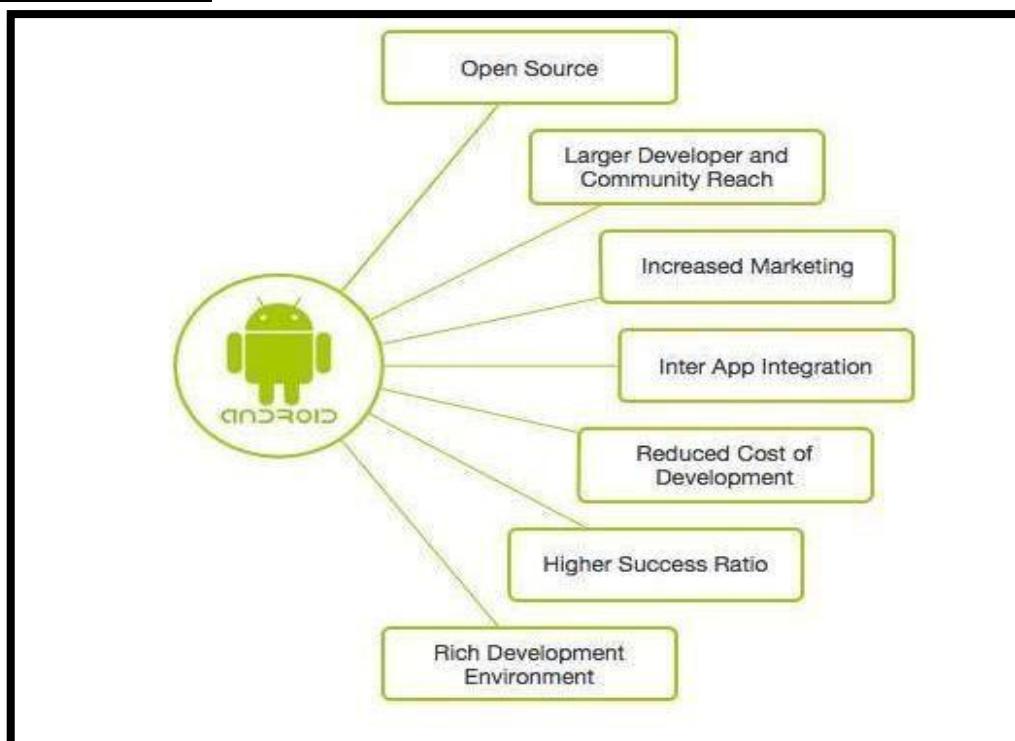


Figure 6 - Applications of Android

- Smooth work, fast operating speed, and flawless performance. The native app is built for a specific OS and take full advantage of the processing speed of the device.
- Great design and user experience possibilities. For instance, the implementation of

- sophisticated UX/UI design and animation
- Native app UI allows users to understand navigation within the app
- Good integration with the hardware of the device
- Easy to launch in the App Store. When it comes to the question of native vs hybrid app or a mobile web app, native applications follow the OS (Android or iOS) guidelines
- completely
- Better security & reliability (apps developed natively are checked and approved by the App Store)
- Easy to implement new sophisticated features that the market demands (AI, VR, AR, IoT, etc.) in native vs hybrid app
- Ability to operate offline. Internet connection is necessary if there is corresponding functionality required for native app development
- SDK for developers. It provides half-ready, regularly updated solutions and libraries that interact properly with a given operating system

- **Framework:**

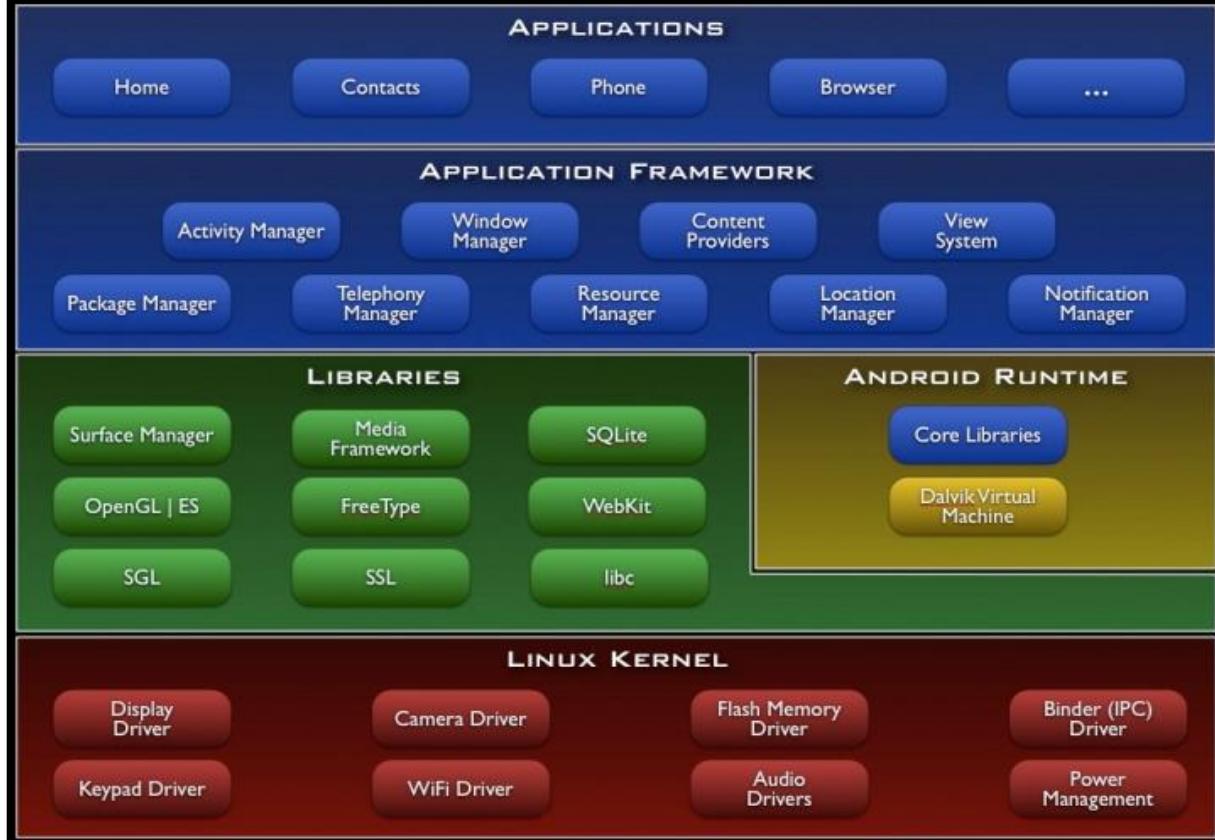


Figure 7 Android Framework

3.4 Firebase



Figure 8- Firebase icon

Cloud Firestore is a flexible, scalable database for mobile, web, and server development from Firebase and Google Cloud Platform. Like Firebase Realtime Database, it keeps your data in sync across client apps through realtime listeners and offers offline support for mobile and web so you can build responsive apps that work regardless of network latency or Internet connectivity. Cloud Firestore also offers seamless integration with other Firebase and Google Cloud Platform products, including Cloud Functions.

Cloud Firestore is a cloud-hosted, NoSQL database that your iOS, Android, and web apps can access directly via native SDKs. Cloud Firestore is also available in native Node.js, Java, Python, Unity, C++ and Go SDKs, in addition to REST and RPC APIs.

Key Capabilities of Firebase :

- ✓ Flexibility
- ✓ Realtime Updates
- ✓ Security

The application uses Firebase database as backend due to following reasons:

- Real-time Database Helps to Store and Synchronize Data. ...
- Firebase has Become Smarter with Google Analytics. ...
- Firebase Offers Facility of Crash Reporting to Fix Bugs Quickly. ...
- Fast and Secured Web Hosting. ...
- Firebase Authentication

The Firebase Realtime Database can be accessed directly from a mobile device or web browser; there's no need for an application server. Security and data validation are available through the Firebase Realtime Database Security Rules, expression-based rules that are executed when data is read or written.

Chapter 4

System Design

4.1 System Module :

The proposed system has two main modules –

A . User Module -

Sub-Modules Of User Module –

1.LogIn Module –

Once the screen is overtaken by introductory splash screen the user will have the LogIn Module . On this LogIn Module user will have options to enter the credential for LogIn to system . With the right credential matched from the database user will be logged in to the system. If user is new to the system we have new user option which would open the New Registration Module . If user forgot his password we have provided the forgot password button by means of which user can reset the password by verification mail.

2. New Registration Module :

This module is given for the new users who want to register to the system. By taking the input information like user name, mail and other details with phone number verification user will be able to register to the system.

3. Home Module -

After user logged in user will have the home module screen which is having the navigation drawer menu ,from where user can access the different fragments .

On this initial home screen user will have the options to select one of the function/modules to order decoration set, appoint photographer ,order catering service ,order cakes and module to design the birthday invitation card.

4. My Order And My Profile Module –

In the navigation drawer menu user is provided with my orders and my profile section. In my order section user can view his/her orders and can delete the order if want to.

In my profile section user can view his profile information saved to database at the registration time.

5.Order Decoration set Module :

Here we have the different kinds of decoration sets for user allowing them to order one of them by giving the input like date of event ,address of event and asking the user for the number of days user wants the decoration set.

6.Order Cakes –

We are providing user with number of types of cakes .User can select one of them and with the inputs like the message on cake , delivery address , delivery date User can order the cakes.

7 . Appoint Photographer Module –

Appoint photographer module is designed to allow the user to appoint the photographer as per his/her events.

8. Order Catering Service Module –

For the requirement of catering service to the events we have provided user to order the catering

service with the selection of plate as their own.

9. Design Birthday Invitation Card Module –

For the birthday party function user can generate the invitation card by giving the inputs . And User can save the invitation card to the device storage and can share it .

10. Payment Option Module –

For all kind of ordering functioning modules we have given the three payment options .One for pay on service option .One is for pay with UPI option by means of which user can pay the bill by any UPI supported apps .And remaining is of pay to admin credential which provides the account information of admin with the bill amount and user can pay by with that credentials.

B. Admin Module –

Sub-Modules Of Admin Module –

1. View orders with user details –

In these module admin can view the user details and the option to view the orders of particular users. By deep ,admin can change the order status and the payment status as the procedure happens.

2. View userlist –

In these module admin can view the user list entitled with their name and UID , and later on by following the buttons admin can view the orders of that user and can change the order/payment status as per occurrence of corresponding processes.

4.2 Database –

We have used the firebase realtime database and the firebase authentication for storing the data at cloud –

Here are some of screenshots from database console –



Figure 9 - Graph representing the database use

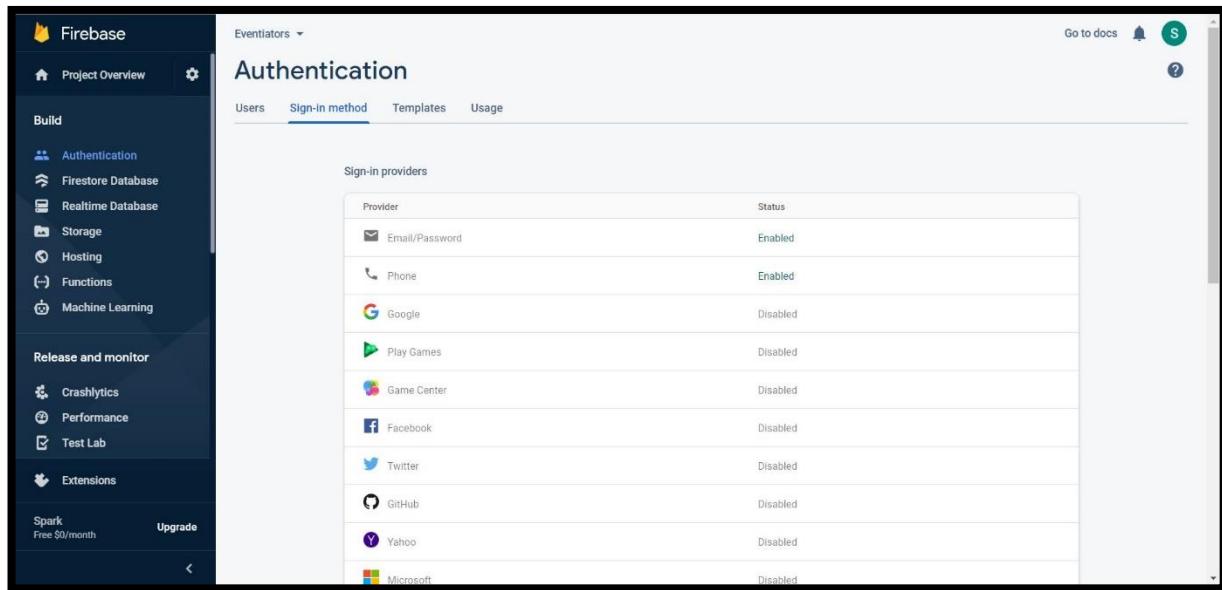


Figure 10- Sign In Methods Enabled

The screenshot shows the Firebase Authentication console under the 'Authentication' tab. On the left, there's a sidebar with 'Build' and 'Release and monitor' sections. The main area displays a table of users with columns: Identifier, Providers, Created, Signed in, and User UID. A search bar at the top allows filtering by email or phone number.

Identifier	Providers	Created	Signed in	User UID
+918605150568		6 Jun 2021	6 Jun 2021	1CW1unRx4NCx1rh6NXAer7wybG2...
sonu07patil@gmail.com	✉	10 Jun 2021	10 Jun 2021	4mYLYld4RpRdgDKbZ7edQZRXvZ...
+918999971354		5 Jun 2021	5 Jun 2021	79ZdRTp8i8xxA0RSmrQhmjgmV2...
hp1709549@gmail.com	✉	5 Jun 2021	22 Jun 2021	BGoefEQLC8ZUEAkeyPZ1NIQKU...
+917066352383		20 Jun 2021	20 Jun 2021	B0udf5Ku7XRu0lPed9wcXcpuA612...
mrudulnarkhede90@gmail...	✉	5 Jun 2021	22 Jun 2021	C622WW27aRVoMxp0i9svVCGC...
sohammane7007@gmail.c...	✉	20 Jun 2021	20 Jun 2021	JG1fWBUVY4XmbJGYaCovWeexe...
mdasif936626hero@gmail...	✉	6 Jun 2021	19 Jun 2021	Llc2WI7S3fEzN3DkvW9wDGU2...

Figure 11- System's Authenticated Users

The screenshot shows the Firebase Realtime Database console under the 'Realtime Database' tab. The left sidebar includes 'Build' and 'Release and monitor' sections. The main area displays a hierarchical tree view of user data under the 'Users' node. Each user entry contains fields like add, dist, email, name, phone, and uid.

```

https://hello-world-application-5c590-default.firebaseio.com/
  +-- Users
    +-- 4mYLYld4RpRdgDKbZ7edQZRXvZg2
      |   +-- add: "Jalgaon"
      |   +-- dist: "Jalgaon"
      |   +-- email: "sonu07patil@gmail.com"
      |   +-- name: "Prathamesh Patil"
      |   +-- phone: "7020421383"
      |   +-- uid: "4mYLYld4RpRdgDKbZ7edQZRXvZg2"
    +-- JG1fWBUVY4XmbJGYaCovWeexeQj2
      |   +-- add: "At . - Wategao ; Taluka - Walva; Sangli"
      |   +-- dist: "Sangli"
      |   +-- email: "sohammane7007@gmail.com"
      |   +-- name: "Soham Mane"
      |   +-- phone: "7066352383"
      |   +-- uid: "JG1fWBUVY4XmbJGYaCovWeexeQj2"
  
```

Figure 12- Format as User Details Stored To database



Figure 13- Format as cake orders stored to database



Figure 14- Format as Catering orders stored to database



Figure 15 - Format as decoration order stored to database.

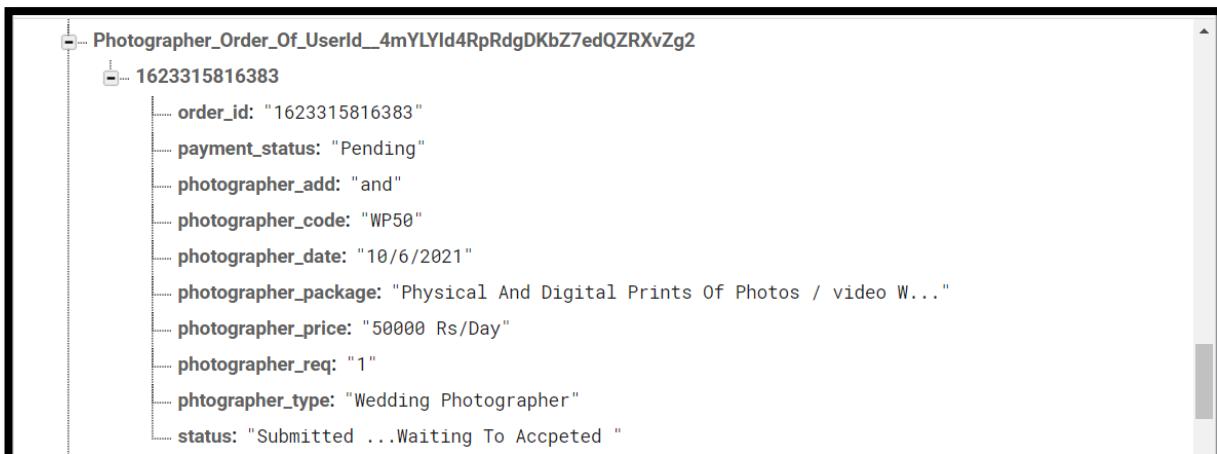


Figure 16- Format as photographer booking stored to database

4.3 Project Description Diagrams –

4.3.1 ER Diagram –

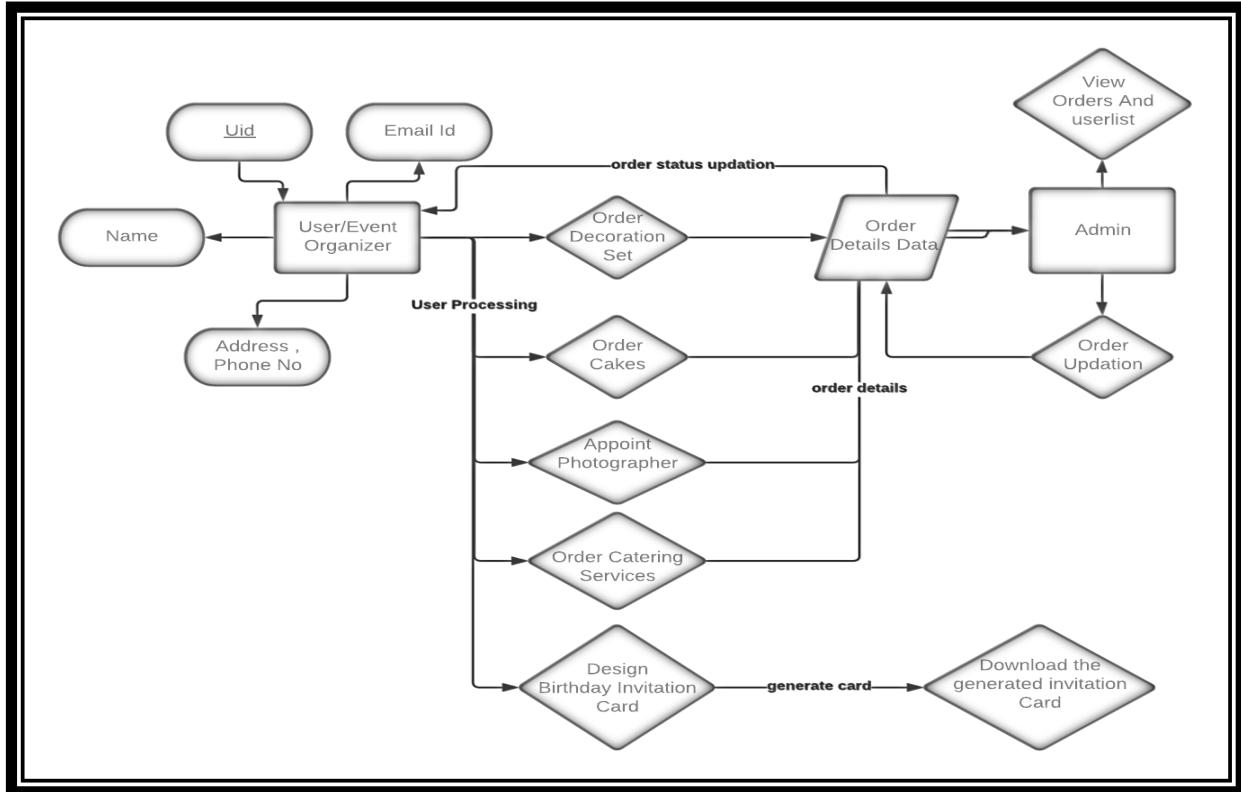


Figure 17 -ER Diagram

This ER(Entity-Relationship) Diagram is a visual representation of data that describes how data is related to each other. In this, we disintegrate data into entities, attributes and setup relationships between entities.

The Entity user has attributes with its UID as primary key. And another entity admin has some processing functions assigned for order updation and handling the database of system.

Order details given by the user will be stored to database and admin entity can update the order status and accordingly the updated status can be viewed by user .

4.3.2 DFD:

Data Flow Diagram (DFD) shown below visualizes the information flows within this system. This neat and clear DFD depicts a good amount of the system requirements graphically. It shows how information enters and leaves this system, what changes the information and where information is stored.

The purpose of this DFDs is to show the scope and boundaries of this system as a whole.

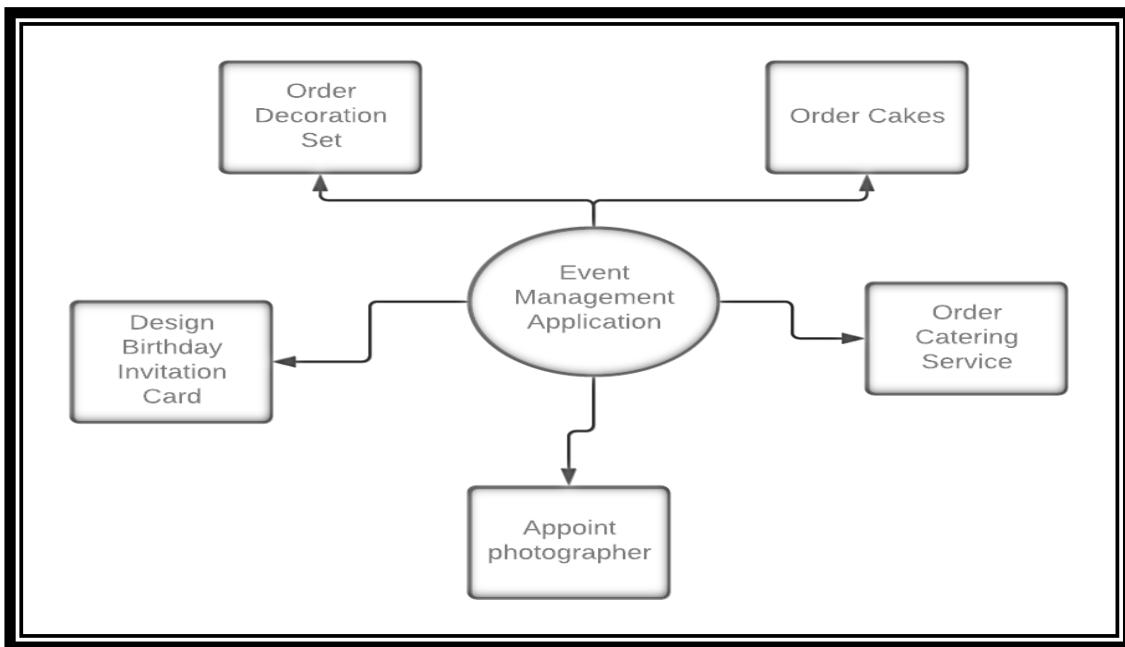


Figure 18 – DFD Level 0 Diagram

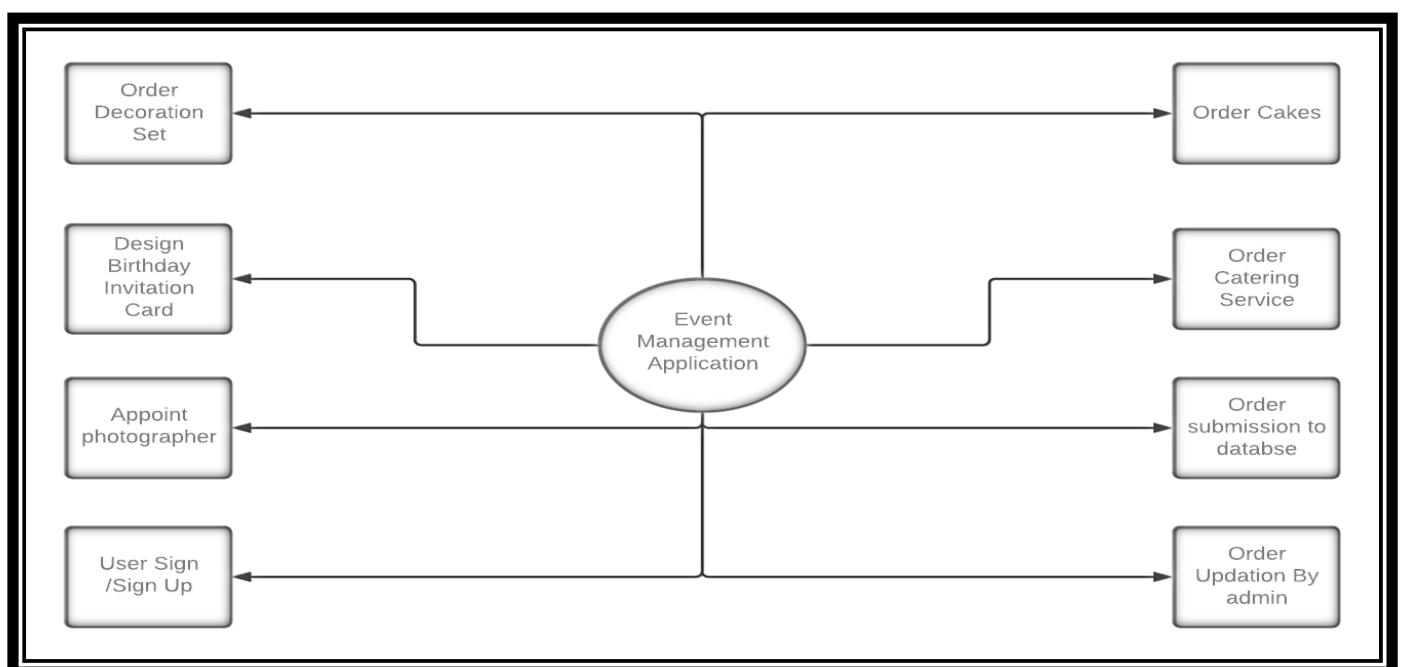


Figure 19 – Level 1 DFD Diagram

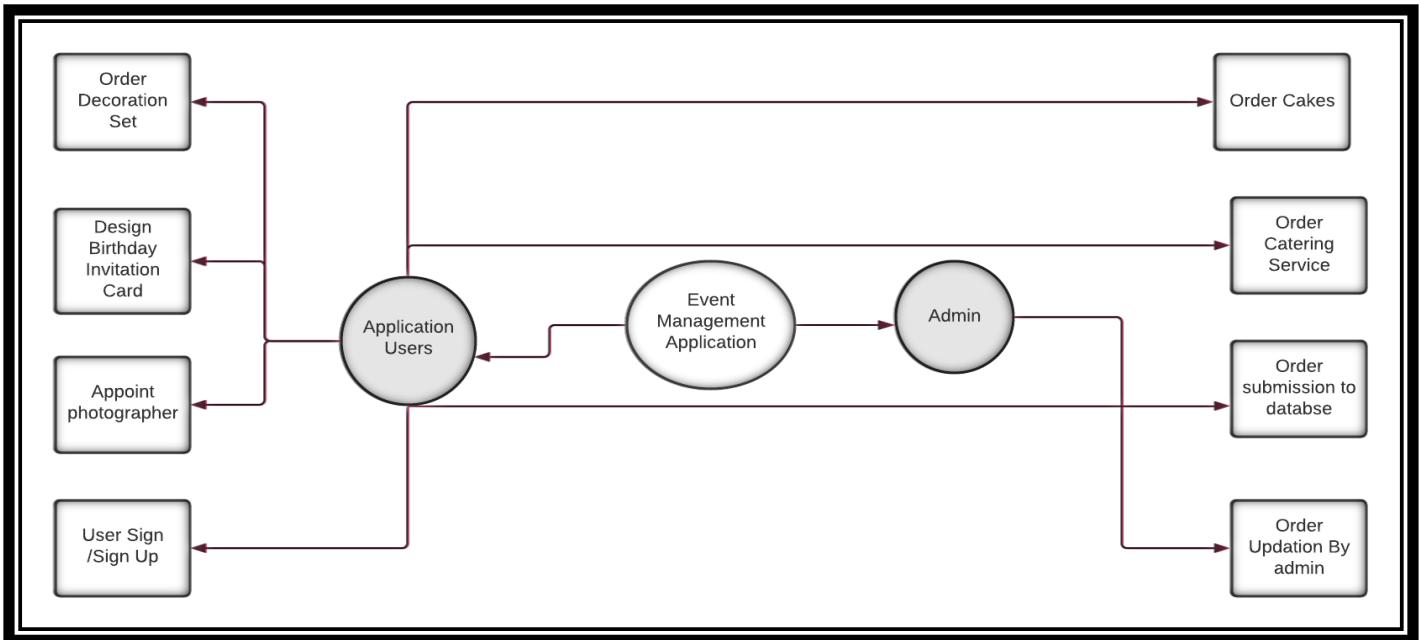


Figure 20 -Level 2 DFD Diagram

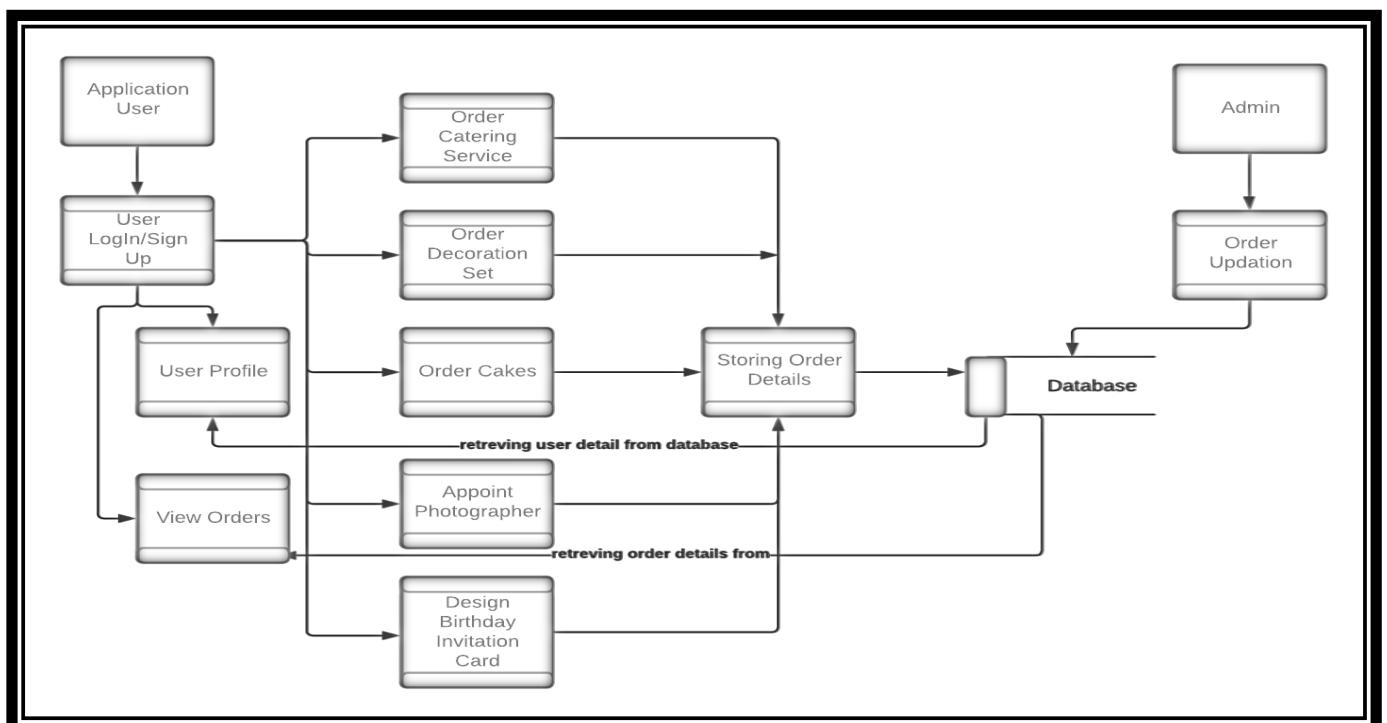


Figure 21 – Level 3 DFD Diagram

4.3.3 UML Diagrams –

A . Sequence Diagram

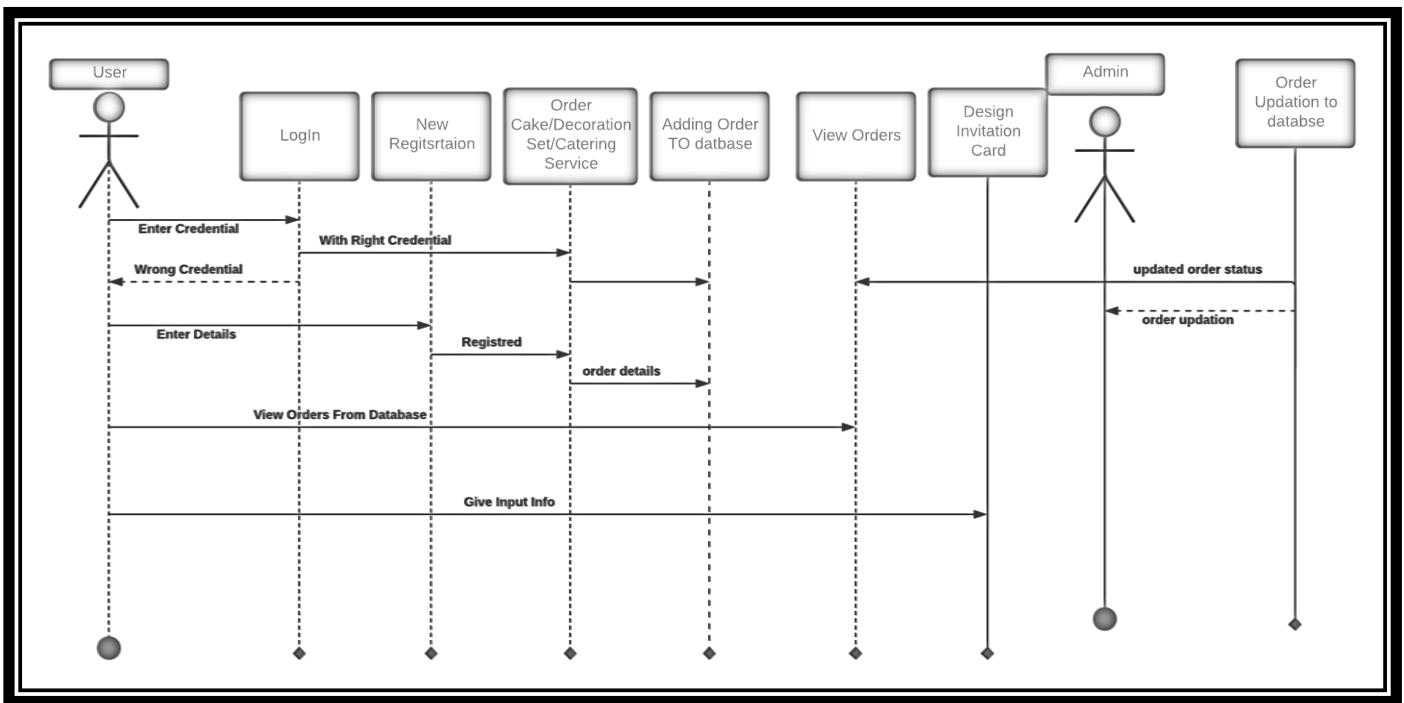


Figure 22 – Sequence Diagram

B. Use Case Diagram

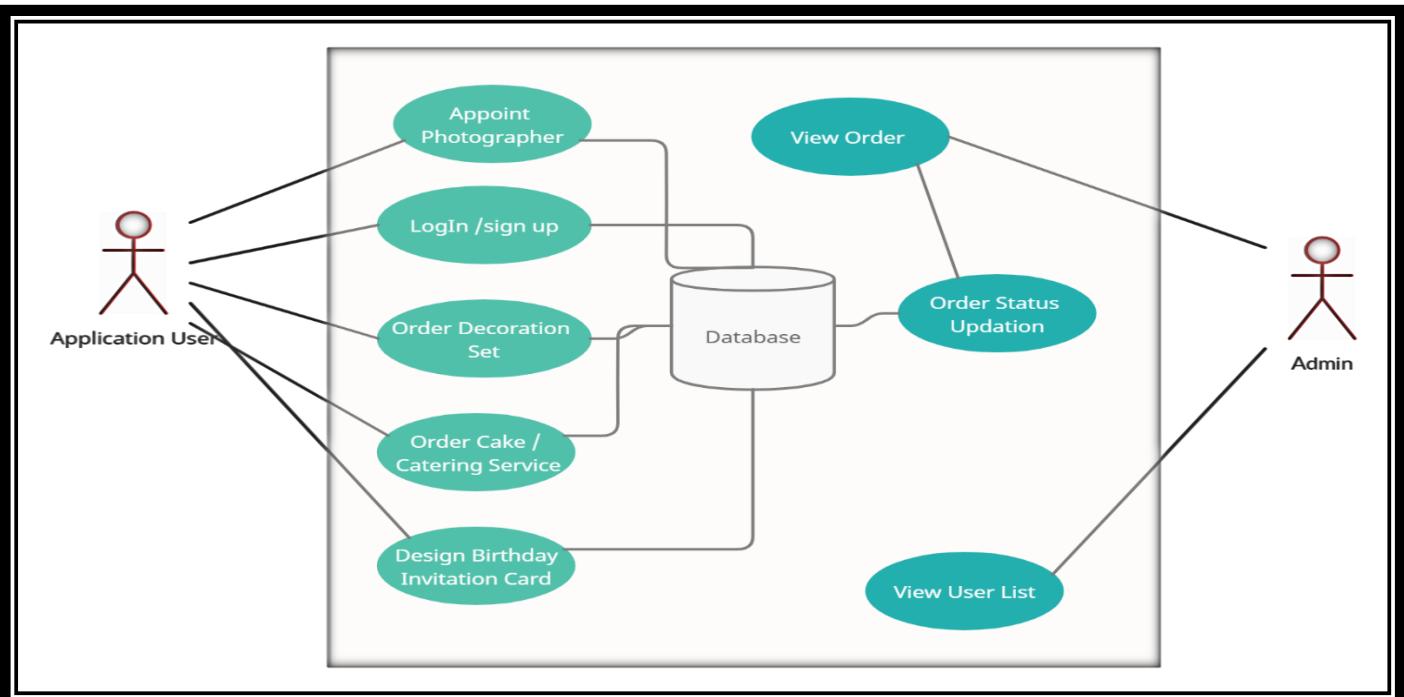


Figure 23- Use Case Diagram

C. Activity Diagram –

C.1 User Activity Diagram -

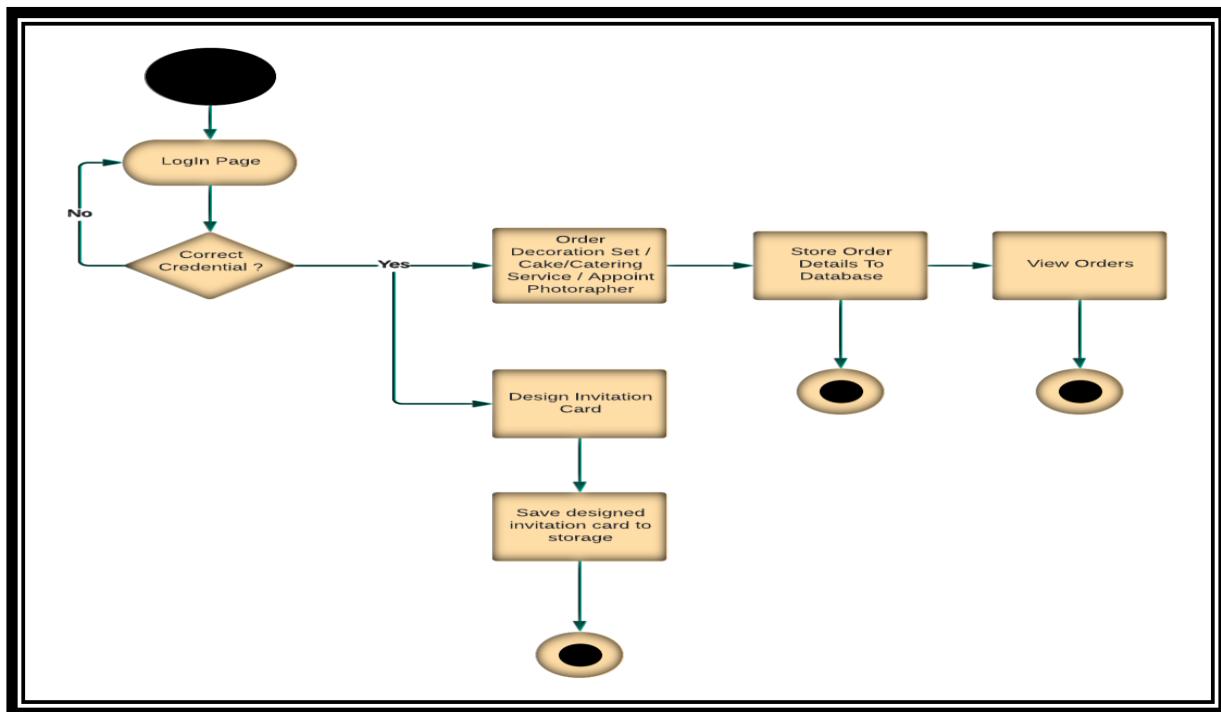


Figure 24 – Activity Diagram For User

C.2 Admin Activity Diagram –

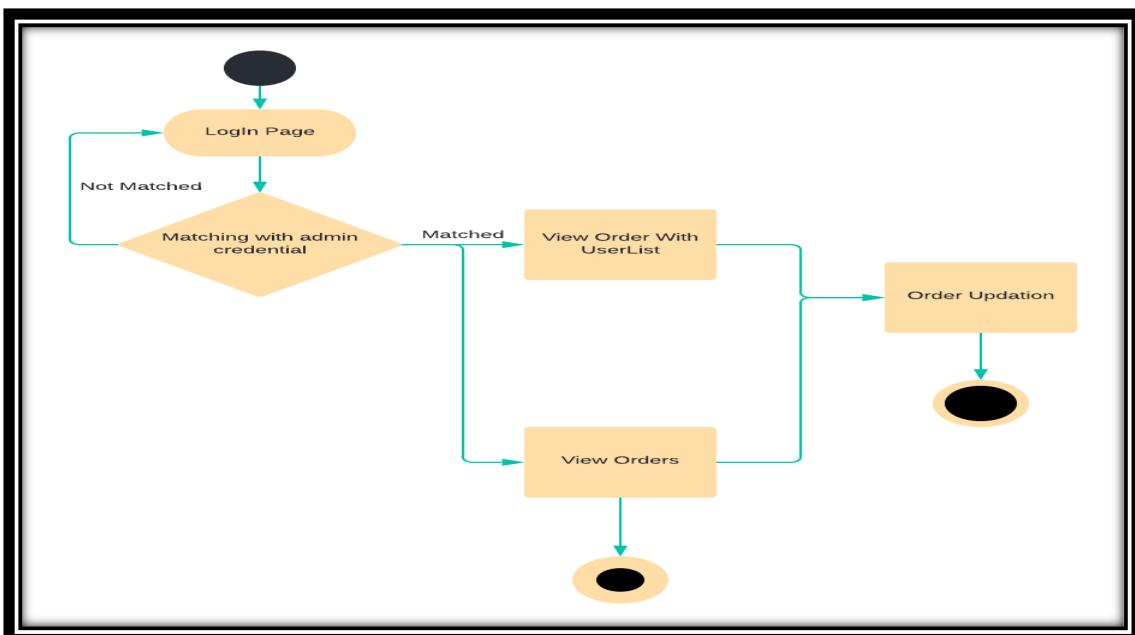


Figure 25 -Activity Diagram For Admin

D. Access State Diagram –

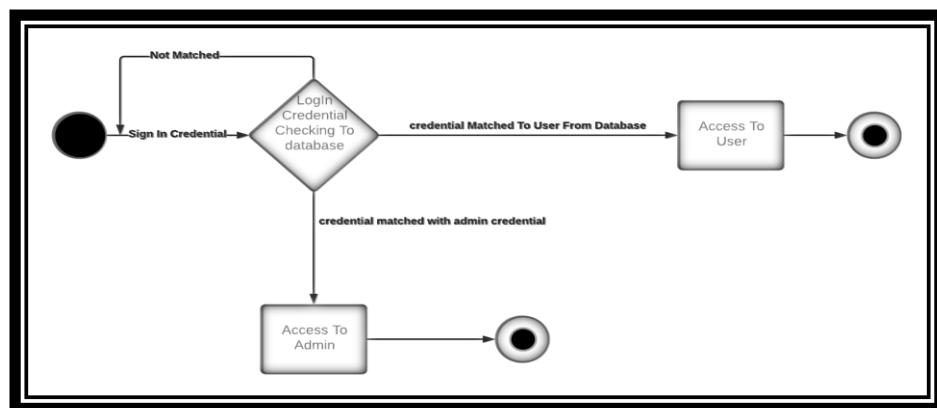


Figure 26 – Access State Diagram

Chapter 5

Testing The System

Software testing can be stated as the process of verifying and validating that a software or application is bug free, meets the technical requirements as guided by its design and development and meets the user requirements effectively and efficiently with handling all the exceptional and boundary cases.

5.1 Manual Testing

- Testing New Registration Module**

Test case priority:Medium	Test designed date : 27/04/2021				
Module name : Register new user page	Test Executed by : 1806097 And 1806101				
Test title: Eventiators	Test Execution date : 28/04/2021				
Precondition : Android OS and eventiators.apk					
Test case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Open the Eventiators App.	Wait for 5 seconds	Splash will be displayed for 5 seconds and Log-in page should be displayed.	Splash will be displayed for 5 seconds and Log-in page is displayed.	Pass
2	Check if the New user button is working correctly.	Click the New User Button.	Register user Activity will be opened.	Register user Activity is opened.	Pass
3	Verify if a user will be able to sign up with a valid email and valid password.	Click on Email and Password field	Email and Password field should be focused	Email and Password field focused	Pass

4	Verify if a user cannot login with a valid Email and an invalid password.	Click on Email and Password field	Invalid Email and Password	Sign up not successful	Pass
5	Verify the Register Page for email id, when the field is blank and Register and Sign-In button is clicked.	Click on Register and Sign-In button	Email Required	Email Required	Pass
6	Verify the Register Page for Password, when the field is blank and Register and Sign-In button is clicked.	Click on Register and Sign-In button	Password Required	Password Required	Pass
7	Verify the Register Page for Phone number, when the field is blank and Register button is clicked.	Click on Register and Sign-In button	Enter valid Phone no.	Enter valid Phone no.	Pass
8	Verify the Register Page for Full Name, when the field is blank and Register and Sign-In button is clicked.	Click on Register and Sign-In button	Name Required	Name Required	Pass
9	Verify the Register Page for Address, when the field is blank and Register and Sign-In button is clicked.	Click on Register and Sign-In button	Address required	Address required	Pass
10	Verify the Register Page for District, when the field is blank and Register and Sign-In button is clicked.	Click on Register and Sign-In button	District required	District required	Pass
11	Verify the Send OTP button after entering correct phone number, when the phone no field is blank and Register and Sign-In button is clicked.	Click the Register and Sign-In button	Enter valid phone no.	Enter valid phone no.	Pass

12	Verify the Send OTP button after entering correct phone number, when the Send OTP button is clicked OTP should be send to entered phone no..	Click the send OTP button	OTP should be sent to entered phone no.	OTP sent successfully.	Pass
13	Verify the verify button to verify the OTP that is sent to entered phone no.	Click the verify button	Verified	Verified	Pass
14	If all the fields are empty and if user clicked on Register and Sign-In button.	User clicks on Register and Sign-In button	Error message should be displayed.	Error message is displayed.	Pass
15	Verify that all the fields should be correctly filled.	Click the Register and Sign-In button	Logged-in and user should redirect to Home page.	Logged-in and user redirected to Home page.	Pass
16	Verify if the data in password field is visible as bullet signs.	Enter Password	Password will be visible in Bullets	Password is visible as bullets	Pass
17	Verify if the font, text colour, and colour coding of the Sign up page is as per the standard.	Check the font, text colour and colour coding	Sign Up page UI is as per standard	Colors are not as per standard	Pass
18	Verify if the font, text colour, and colour coding of the Sign up page is as per the standard.	Check the font, text colour and colour coding	Sign Up page UI is as per standard	Sign upage UI is as per standard	Pass

Table 3 – Test Cases For New User Registration Module

- **Testing LogIn Module –**

Test case priority:High	Test designed date : 27/04/2021				
Module name : Log-in page	Test Executed by : 1806091				
Test title: Eventiators	Test Execution date : 29/04/2021				
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Open the Eventiators App.	Wait for 5 seconds	Splash will be displayed for 5 seconds and Log-in page should be displayed.	Splash will be displayed for 5 seconds and Log-in page is displayed.	Pass
2	Check if the log in screen GUI is correct	Open the Log in Activity	Log in Activity will be opened	Log In Activity is opened	pass
3	Verify if a user will be able to sign in with a valid email and valid password.	Click on Email and Password field	Email and Password field should be focused	Email and Password field focused	Pass
4	Verify if a user cannot login with a valid Email and an invalid password.	Click on Log-In button	Incorrect email or password !!	Incorrect email or password !!	Pass
5	Verify the Log in page for email field, when the field is blank and Log in button is clicked.	Click on Log in Button	Email required	Email required	Pass
6	Verify the Log in page for Password, when the field is blank and Log in button is clicked.	Click on Log In button	Password required	Password required	Pass

7	Verify if the Log In button for correct username and password	Click the Log In button	Home page should be opened	Home page is opened	Pass
8	Verify if the data in password field is visible as bullet signs.	Enter Password	Password will be visible in Bullets	Password is visible as bullets	Pass
9	Verify if the font, text colour, and colour coding of the Log in page is as per the standard.	Check the font, text colour and colour coding	Sign In page UI is as per standard	Colors are not as per standard	Fail
10	Verify after clicking on Show Password check box, it is displaying the entered password or not	Click on Show Password Button	Entered password should be displayed	Entered password is displayed	Pass
11	Verify if the font, text colour, and colour coding of the Log in page is as per the standard.	Check the font, text colour and colour coding	Sign Up page UI is as per standard	Sign in page UI is as per standard	Pass

Table 4 – Test Cases For LogIn Module

- **Testing Application Home Screen Module –**

Test case priority: High	Test designed date : 29/04/2021				
Module name : Home page	Test Executed by : 1806100				
Test title: Eventiators	Test Execution date : 22/06/2021				
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verify if the Home screen GUI is Standard	Sign in the app	Home Screen will be with standard GUI	Home screen is with Standard GUI	Pass
2	Verify if all the card views are displayed properly.	Scroll the home page	All the card views should be displayed	Card views displayed properly	Pass

			properly		
3	Verify the navigation menu icon	Click on navigation menu icon	Navigation drawer should be opened	Navigation drawer is opened	Pass
4	Verify navigation drawer fragment alignment	Click on navigation menu icon	All the fragment menus should be properly aligned	All the fragments menus are properly aligned	Pass
5	Verify Home fragment menu works properly	click the home fragment menu	Home page will open	Home page is opened	Pass
6	Verify My Profile fragment menu is properly working or not	Click on My Profile fragment menu	Profile fragment of the user should be displayed	Profile fragment is displayed	Pass
7	Verify About Us fragment menu of the communicate part is working properly or not	Click on About Us fragment menu	About Us fragment about the app should be displayed	About Us fragment about the app is displayed	Pass
8	Verify Help fragment menu of the communicate part is working properly or not	Click on Help fragment menu	Help Center fragment of the app should be displayed	Help Center fragment of the app is displayed	Pass
9	Verify Privacy Policy fragment menu of the privacy part is working properly or not	Click on Privacy Policy fragment menu	Privacy Policy fragment of the app should be displayed	Privacy Policy fragment of the app is displayed	Pass
10	Verify Option menu icon of Home page	Click on Option menu icon fragment menu	Log-out option is displayed and when user clicks on the option should be redirected to the Log-In page directly	User Logged-Out successfully and redirected to Log-In page	Pass

Table 5 - Test Cases For Home Screen Module

- **Testing my order module –**

Test case priority:High	Test designed date : 29/04/2021				
Module name : My Order	Test Executed by : 1806097				
Test title: Eventiators	Test Execution date : 30/04/2021				
Precondition : Android OS and eventiators.apk					
Test	Test Case	Steps	Expected Result	Actual Result	Status
1	Verify My Order fragment menu	Click on My Order fragment menu	My Order fragment of the user should be displayed	My Order fragment of the user is displayed	Pass
2	Verify View Decoration order button	Click on Decoration Order button	All the Decoration orders of the user should be displayed	All the Decoration orders of the user are displayed	Pass
3	Verify View Photographer bookings button	Click on Photographer bookings button	All the Photographer bookings should be displayed	All the Photographer bookings of the user are displayed	Pass
4	Verify View Cake order button	Click on Cake Order button	All the Cake orders of the user should be displayed	All the Cake orders of the user are displayed	Pass
5	Verify View Catering service orders button	Click on Catering service orders button	All the Catering service orders of the user should be displayed	All the Catering service orders of the user are displayed	Pass

Table 6– Test Cases For My Orders Module

- **Testing Decore Event Module -**

Test case priority:High	Test designed date : 10/05/2021				
Module name : Decor Events	Test Executed by : 1806091				
Test title: Eventiators	Test Execution date : 15/05/2021				
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verifying that after user is logged In, Decore event card view should be displayed.	User should logged in	Decore event card view should be displayed with image and text view	Decore event card view is properly displayed	Pass
2	Verifying after clicking on decore event, all the card view options are properly displayed or not	Click on Decore event card view	All the card view options should be displayed properly	All card view options is displayed	Pass
3	Verifying after clicking on any decore event's card view option, all the parameters (image,info) passing correctly or not	Click on Decore event's any card view option	All the parameters should be passed successfully	All informations are passed succesfully	Pass
4	Verifying all 3 payment options is working or not	Click on any payment methods	Payment should be word properly	Payment successfull	Pass
5	Verify Order Decoration Place button is properly working or not	Click on Order Decoration Place button	User's order should be placed successfully	User's order is placed successfully	Pass

Table 7– Test Cases For Decore Event Module

- **Testing appoint photographer module**

Test case priority:High	Test designed date : 13/05/2021				
Module name : Appoint Photographer	Test Executed by : 1806100				
Test title: Eventiators	Test Execution date : 17/05/2021				
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verifying that after user is logged In, Appoint Photographer card view should be displayed.	User should logged in	Appoint Photographer card view should be displayed with image and text view	Appoint Photographer card view is properly displayed	Pass
2	Verifying after clicking on Appoint Photographer, all the card view options are properly displayed or not	Click on Appoint Photographer card view	All the card view options should be displayed properly	All card view options is displayed	Pass
3	Verifying after clicking on any Appoint Photographer's card view option, all the parameters(image, info) passing correctly or not	Click on Appoint Photographer's any card view option	All the parameters should be passed successfully	All the information is passed successfully.	Pass
4	Verifying all 3 payment options is working or not	Click on any payment methods	Payment should be word properly	Payment is successful.	Pass
5	Verify Appoint Photographer button is properly working or Not	Click on Appoint Photographer button	User's order should be placed successfully	User's order is placed successfully	Pass
6	Verify the drop down list for day/hour is working properly or not	Click on the drop down list	Drop down list should be displayed	Drop down list is displayed	Pass

Table 8 – Test Cases For Appoint Photographer Module

- Testing Order Cake Module -**

Test case priority:High	Test designed date : 16/05/2021				
Module name : Order Cake	Test Executed by : 1806097				
Test title: Eventiators	Test Execution date : 18/05/2021				
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verifying that after user is logged In, Order Cakes card view should be displayed.	User should logged in	Order Cakes card view should be displayed with image and text view	Order Cakes card view is properly displayed	Pass
2	Verifying after clicking on Order Cakes, all the card view options are properly displayed or not	Click on Order Cakes card view	All the card view options should be displayed properly	All card view options is displayed	Pass
3	Verifying after clicking on any Order Cakes's card view option, all the parameters (image,info) passing correctly or not	Click on Order Cakes's any card view option	All the parameters should be passed successfully	All the information is passed successfully.	Pass
4	Verifying all 3 payment options is working or not	Click on any payment methods	Payment should be word properly	Payment is successful.	Pass
5	Verify Order Cake button is properly working or Not	Click on Order Cake button	User's order should be placed successfully	User's order is placed successfully	Pass
6	Verify the Radio button is working properly or not	Click on the Radio buton list	Radio button options should be selected	Radio button is selected	Pass

Table 9 – Test Cases For Order Cake Module

- **Testing Design Invitation Card Module -**

Test case priority:Medium	Test designed date : 25/05/2021				
Module name : Invitation card	Test Executed by : 1806091				
Test title: Eventiators	Test Execution date : 25/05/2021				
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verifying that after user is logged In, Design Birthday invitation card card view should be displayed.	User should logged in	Design Birthday invitation card card view should be displayed with image and text view	Design Birthday invitation card card view is properly displayed	Pass
2	Verifying after clicking on Design Birthday invitation card, all the card view options are properly displayed or not	Click on Design Birthday invitation card card view	All the card view options should be displayed properly	All card view options is displayed	Pass
3	Verifying after clicking on Date Picker, it is selecting proper date or not	Click on Date Picker	Date should be select properly	Date is displayed properly.	Pass
4	Verifying after clicking on Time Picker, it is displaying proper time or not	Click on Time Picker	Time should be select properly	Time is displayed properly.	Pass
5	Verify without entering any information when user clicks on Grab The Invitation Card button error message should be displayed	Click on Grab The Invitation card button	Error message should be displayed	Error message is displayed	Pass
6	Verify after entering information when user clicks on Grab The Invitation Card button	Click on Grab The Invitation card button	Invitation card should be generated with respect to the Given	Invitation card is generated with respect to the Given	Pass

	then Birthday card invitation card should be generated		information	information	
7	Verify if Save Invitation Card To Storage button is working properly or not	Click on Save Invitation Card To Storage button	Invitation card should be saved to the storage	Invitation card is saved to the storage	Pass

Table 10 – Test Cases for invitation card module

- **Testing Catering Service Module -**

Test case priority:High		Test designed date : 20/05/2021			
Module name : Catering Services		Test Executed by : 1806101			
Test title: Eventiators		Test Execution date : 21/05/2021			
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verifying that after user is logged In, Catering Services card view should be displayed.	User should logged in	Catering Services card view should be displayed with image and text view	Catering Services card view is properly displayed	Pass
2	Verifying after clicking on Catering Services card view, all the card view options are properly displayed or not	Click on Catering Services card view	All the card view options should be displayed properly	All card view options is displayed	Pass
3	Verifying after clicking on Date Picker, it is selecting proper date or not	Click on Date Picker	Date should be select properly	Date is displayed properly.	Pass
4	Verifying all 3 payment options is working or not	Click on any payment methods	Payment should be word properly	Payment is successful.	Pass

5	Verify the drop down list for day/s is working properly or not	Click on the drop down list	Drop down list should be displayed	Drop down list is displayed	Pass
6	Verify if select number of Guests radio button is selecting proper or not	Click on appropriate radio button	Appropriate Radio should be selected	Appropriate Radio is selected	Pass
7	Verify that after selecting menu list and clicking on Get Price Per Plate With System Calculations button	Click on Get Price Per Plate With System Calculations button	Price per plate should be displayed	Price per plate is displayed	Pass
8	Verify that after selecting menu list and clicking on Get Selected Menu list button	Click on Get Selected Menu List button	Selected menu list should be displayed	Selected menu list is displayed	Pass

Table 11 -Test Cases for catering service module

- **Testing Admin Home Module -**

Test case priority:High	Test designed date : 1/06/2021				
Module name : Admin Panel	Test Executed by : 1806101				
Test title: Eventiators	Test Execution date : 02/06/2021				
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verify if the Home Button works	click the home button	Home page will open	Home page is opened	Pass
2	Verify if the forward arrow Button works	click the forward arrow button	next stage will open	next stage is opened	Pass
3	Verify if stage 8 UI is as per requirement	Open stage 8 activity	UI is as per requirement	UI is as per requirement	Pass
4	Verify if google mike button records audio or Not	Click on the mike symbol	Records audio	Records audio	Pass

5	Verify if the count of words is correct or not	Click on the mike symbol	Count will be correct	Count is correct	Pass
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Table 12 -Test Cases For Admin Home Module

- **Testing Admin Panel Functioning -**

Test case priority:High		Test designed date : 5/06/2021			
Module name : Admin Panel		Test Executed by : 1806091			
Test title: Eventiators		Test Execution date : 6/06/2021			
Precondition : Android OS and eventiators.apk					
Test Case	Test Case Objective	Steps	Expected Result	Actual Result	Status
1	Verify if the username and password is of the admin	Click on Login button	Admin home page should be opened	Admin home page is opened	Pass
2	Verify that if the username and password is correct then Buttons of the admin home page should be displayed	Click on Login button	Home page's buttons should be displayed	Home page's buttons are displayed	Pass
3	Verify after clicking on View User List button, system's user lists card view should be displayed	Click on View User List button	System's user list card view should be displayed	System's user list card view is displayed	Pass
4	Verify after clicking on View User Details button of any system user list card view, user details activity should be opened	Click on View User Details button	User details activity should be displayed	User details activity is displayed	Pass
5	Verify after clicking on View Users with details and orders button, system's user detail activity card view should be	Click on View Users with details and orders button	User details activity card view should be displayed	User details activity card view is displayed	Pass

	displayed				
6	Verify any card view orders button	Click on any orders button	User's all current orders will be displayed	User's all current orders are displayed	Pass
7	Verify change order status Accepted button	Click on Accepted button	User's order status should be changed to accepted	User's order status is changed to accepted	Pass
8	Verify change order status Rejected button	Click on Rejected button	User's order status should be changed to Rejected	User's order status is changed to rejected	Pass
9	Verify change order status Completed button	Click on Completed button	User's order status should be changed to Completed	User's order status is changed to Completed	Pass
10	Verify change order Payment status Done button	Click on Done button	User's Payment order status should be changed to Done	User's Payment order status is changed to Done	Pass
11	Verify change order Payment status Failed button	Click on Failed button	User's Payment order status should be changed to Failed	User's Payment order status is changed to Failed	Pass
12	Verify change order Payment status Partially Done button	Click on Partially Done button	User's Payment order status should be changed to Partially Done	User's Payment order status is changed to Partially	Pass
13	Verify Log-Out button of the Admin home page	Click on Log-Out button	Admin should be redirected to Log-In page	Admin should be redirected to Log-In page	Pass

Table 13 – Test Cases For Admin Panel Functioning

Chapter 6

User Guide

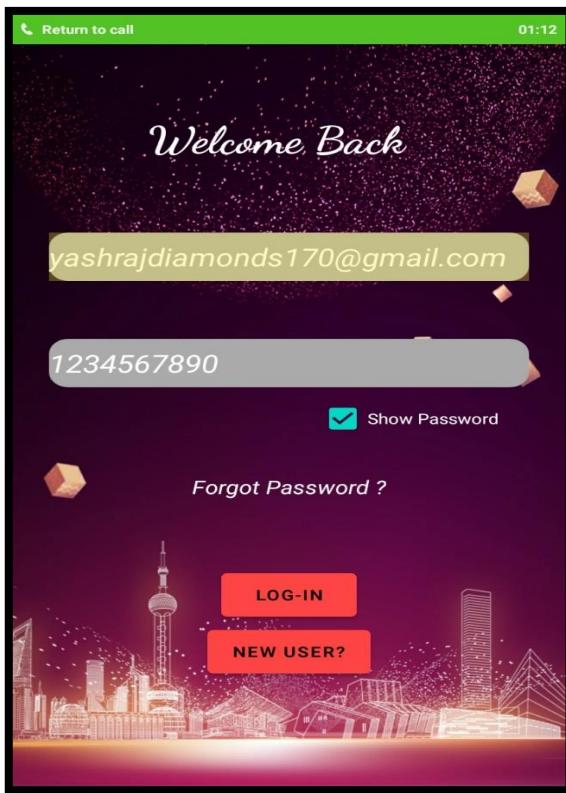
Here we provide the screenshots of our application –

- Splash Screen -



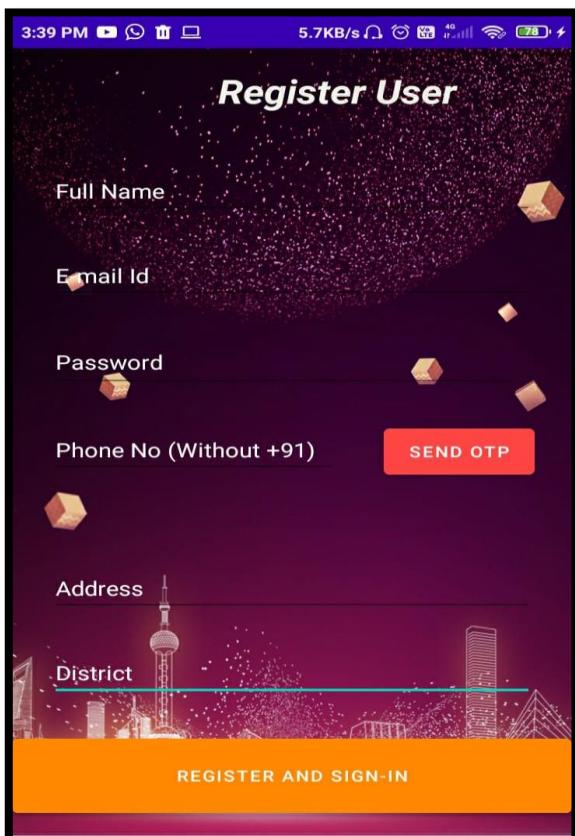
This Is the introductory screen of our application which introduces application logo to the visiting user

- LogIn Module -



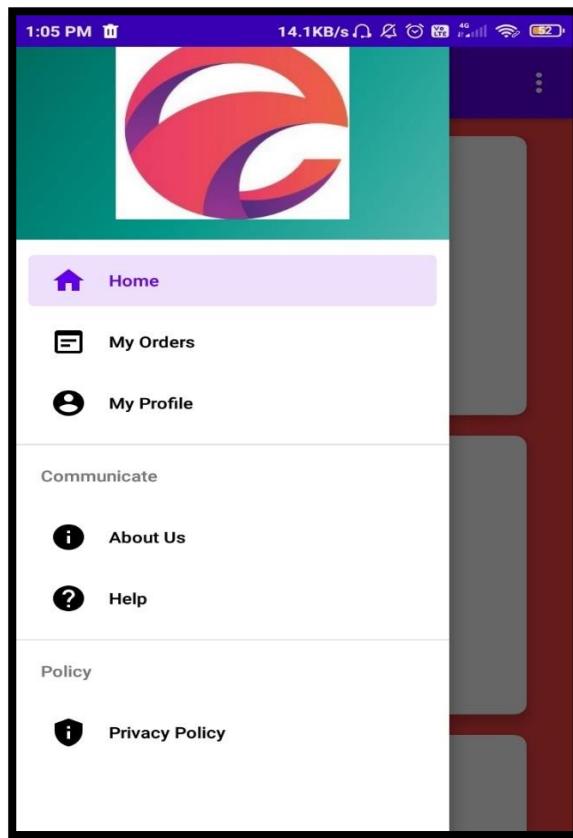
This is the LogIn Module where user will be asked for the username and password . If the user is new to system ,user can register to application by clicking on New User Button. And if the user has forgot the password then after clicking on forgot password button user can create the new password by mail sent by the system to registered mail address.

- New User Registration Module -



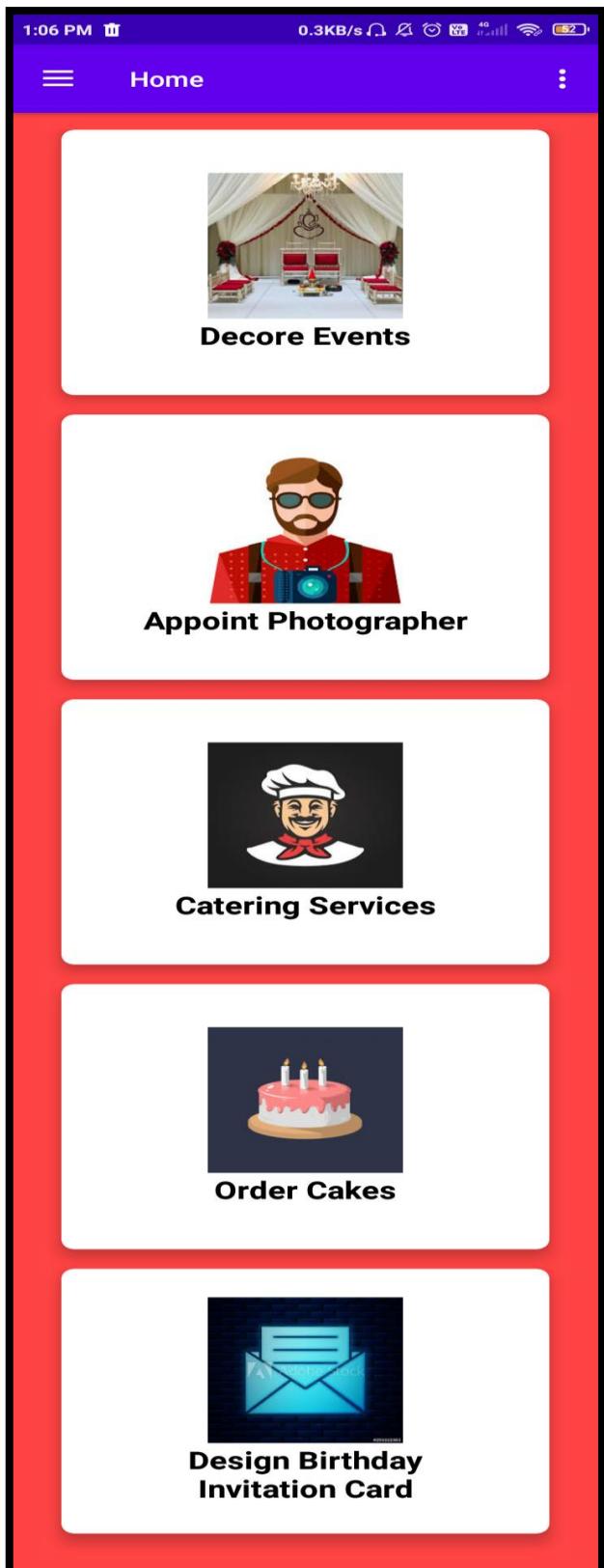
This is the new registration module from where user can register to the application and the values will be stored to database and user can further user the authenticated account.

- Navigation Drawer Module –



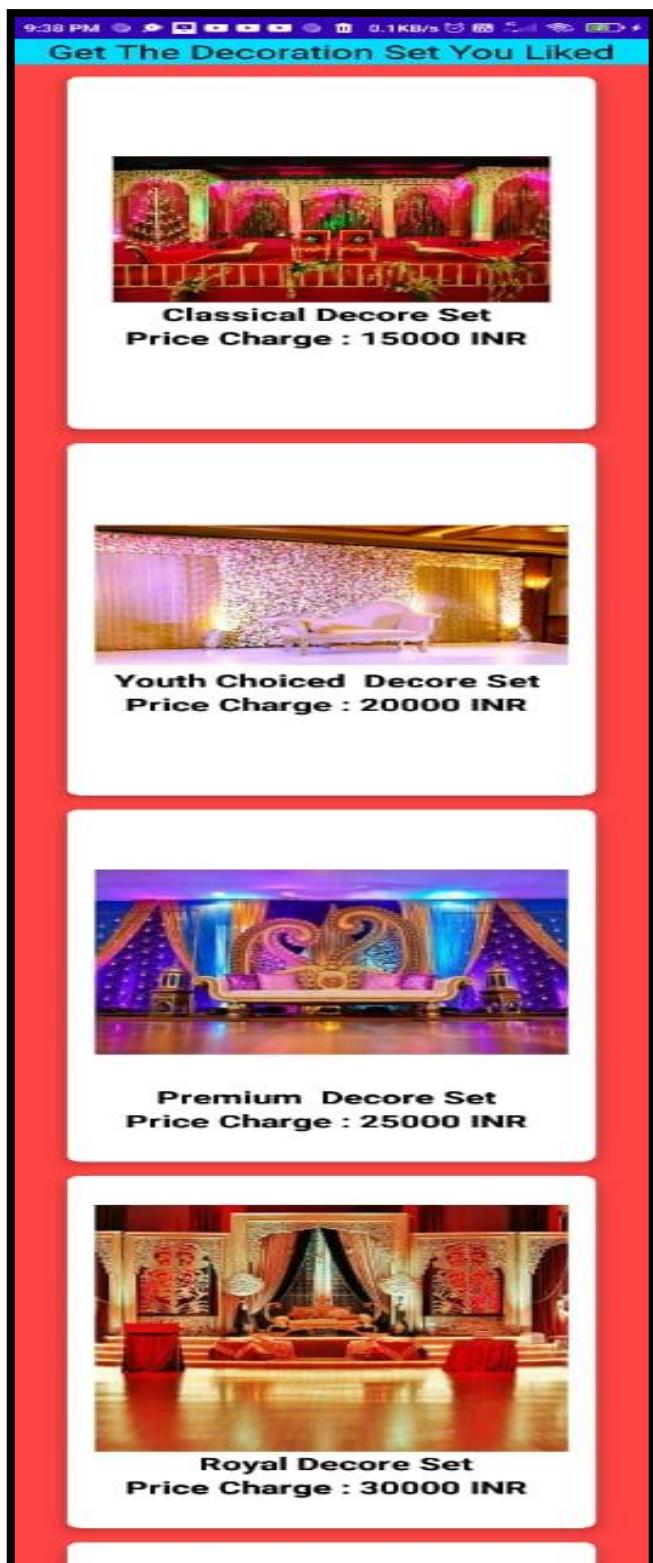
This is the navigation drawer module ,which shows the fragment icon and opened the corresponding fragment on click .

- Home Module –



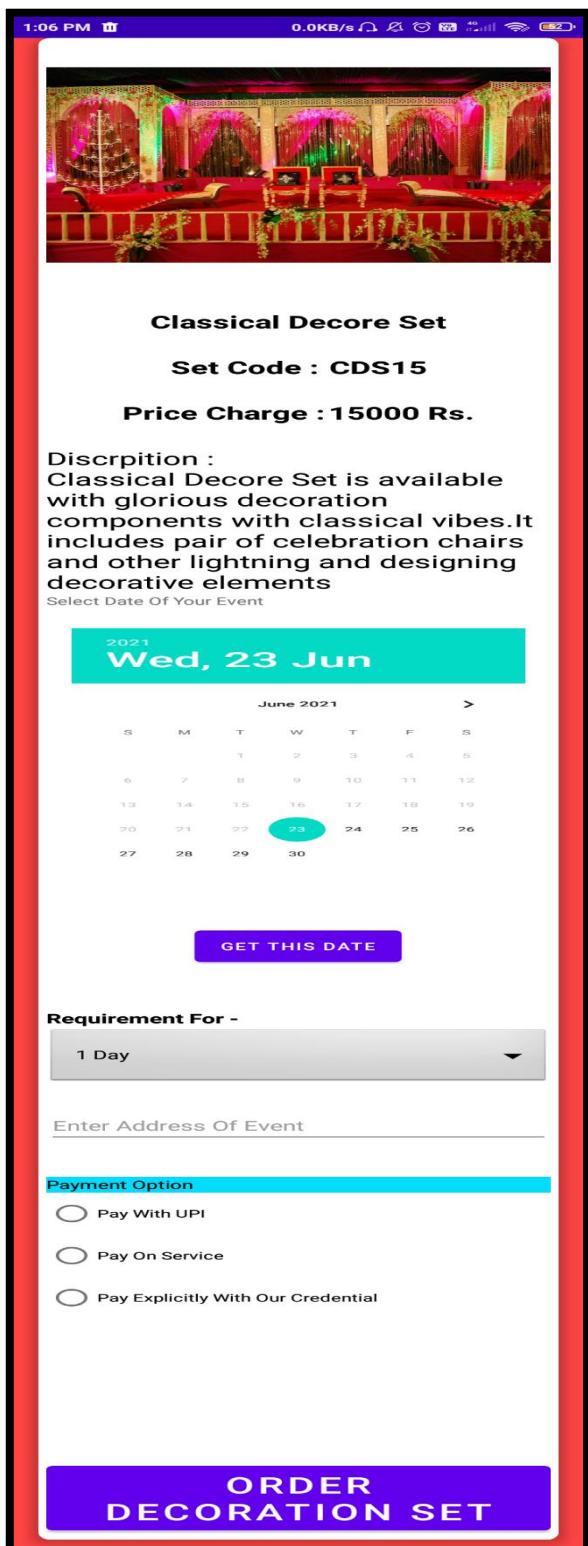
This is the main home module which will be visible to user when user will logged into the system. By clicking on the navigation drawer menu icon user can view the navigation drawer menu and by clicking on the option menu icon user can view the option given to log out .

- Ordering Decoration Set Module (initial) -



This is the ordering decoration module where user can view the kinds of decoration set and user can select one of them to proceed with further ordering process.

- Ordering Decoration Set Module(final) –



This is the module where user have to put some input values of event date ,event address and should select the number of days event is requiring the decoartion set. User is provided with different payment methods and can select one of tem to order.
And After clicked on the order button the order will be placed and user can view the order from my order section and can keep track of orders .

1:07 PM 0.0KB/s Select Photographer As Your Event

 Wedding Photographer
Price Charge :50000 Rs./day

 Event/Gathering Photographer
Price Charge :20000 Rs./day

 General Photographer
Price Charge : 2000 Rs./hour

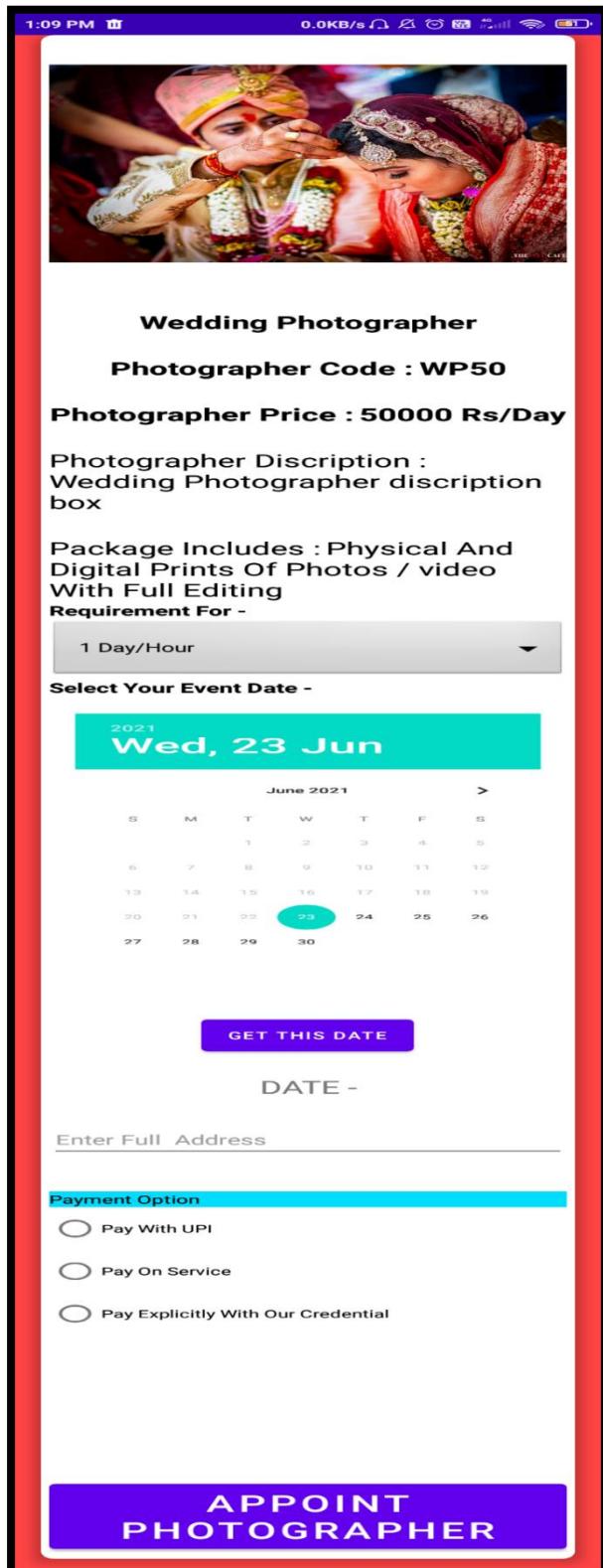
 Fashion Phootographer
Price Charge :5000 Rs./hour

 Formal Photographer
Price Charge : 10000 Rs./Day

- Appoint Photographer Module (initial) -

This is the initial module of appoint photographer where user can select one of the photographer to appoint.

- Appoint Photographer Module (Final) -



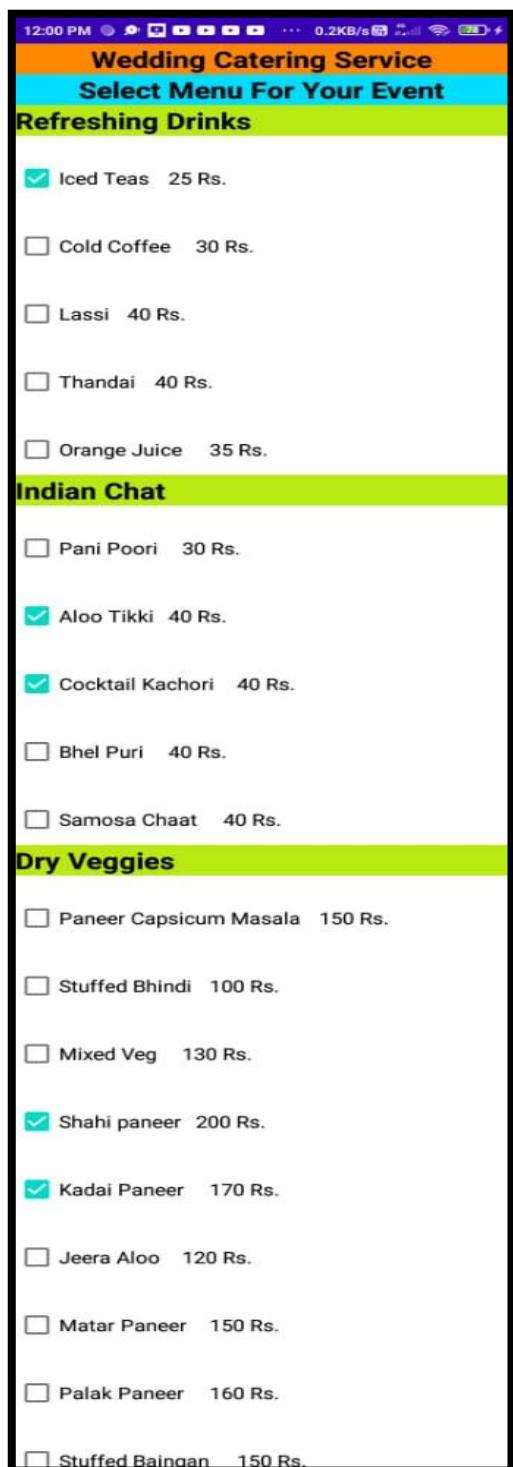
This is the module where user have to put some input values of event date ,event address and should select the number of days event is requiring the photographer. User is provided with different payment methods and can select one of tem to order. And After clicked on the order button the order will be placed and user can view the order from my order section and can keep track of orders

- Order Catering Service Module (Initial) –



This is the initial module of order catering service where user can select one of the catering service to order.

- Order Catering Service Module (Final) –



Gravies

- Malai Kofta 250 Rs.
- Paneer Lababdar 250 Rs.
- Sarson Ka Saag 250 Rs.
- Kashmiri Dum Aloo 200 Rs.
- Amritsari Paneer Tikka 250Rs.
- Mixed Vegetables Makhani 250 Rs.

Chapati/Flat Bread

- Puri 30 Rs.
- Tawa Roti or Chapati 50 Rs.
- Bajra Rotla 40 Rs.
- Paratha 40 Rs.

Desserts

- Gulab Jamun 50 Rs.
- Jalebi 40 Rs.
- Dry Fruits Kheer 50 Rs.
- Rasgulla 50 Rs.
- Ladoo 40 Rs.
- Shrikhand 50 Rs.

GET PRICE PER PLATE WITH SYSTEM CALCULATIONS

607.5 Rs./Plate

GET SELECTED MENU LIST

* Iced Tea
 * Aloo Tikki
 * Cocktail Kachori
 * Shahi Paneer
 * Kadai Panner
 * Sarso Ka Saag

Select Number Of Guests -

40 To 50 People

80 To 100 People

150 To 200 People

300 To 400 People

Select Date Of Your Event

2021 **Thu, 24 Jun**

S	M	T	W	T	F	S
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

GET THIS DATE

For How Many Days You Are Requiring Catering Service ?

1 Day

Enter Address Of Event

Payment Option

Pay With UPI

Pay On Service

Pay Explicitly With Our Credential

ORDER CATERING SERVICE

This is the module of ordering catering service where user can select the menu as per their selection choice and can view the selected menu list. And system will generate the price per plate .and by entering the input information of event date ,requiring day and with payment option selection user can order the catering service.

- Order Cake Module (Initial) –



This is the module of ordering cake .Where user can select any of cake image icon to order .

- Ordering cake Module (Final) -



Butterscotch Chocolate Cake

Set Code : BCC50

Price Charge : 500 Rs./0.5 KG

Description Box :
This lovely crunch cake is one enticing sweet course! Prepared with three cream-filled layers of mushy cake and a chocolaty creamy layer in the middle, along with appetizing rich cream chocolate glaze frosting and butterscotch nougat, this cake is a good way to sum up your celebrations!

Message To Write On Cake

Quantity -

0.5 KG
 1 KG
 2 KG

Select Your Event Date -

2021 Wed, 23 Jun						
June 2021						
S	M	T	W	T	F	S
			1	2	3	4
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

GET THIS DATE

DATE -

Enter Address Of Event

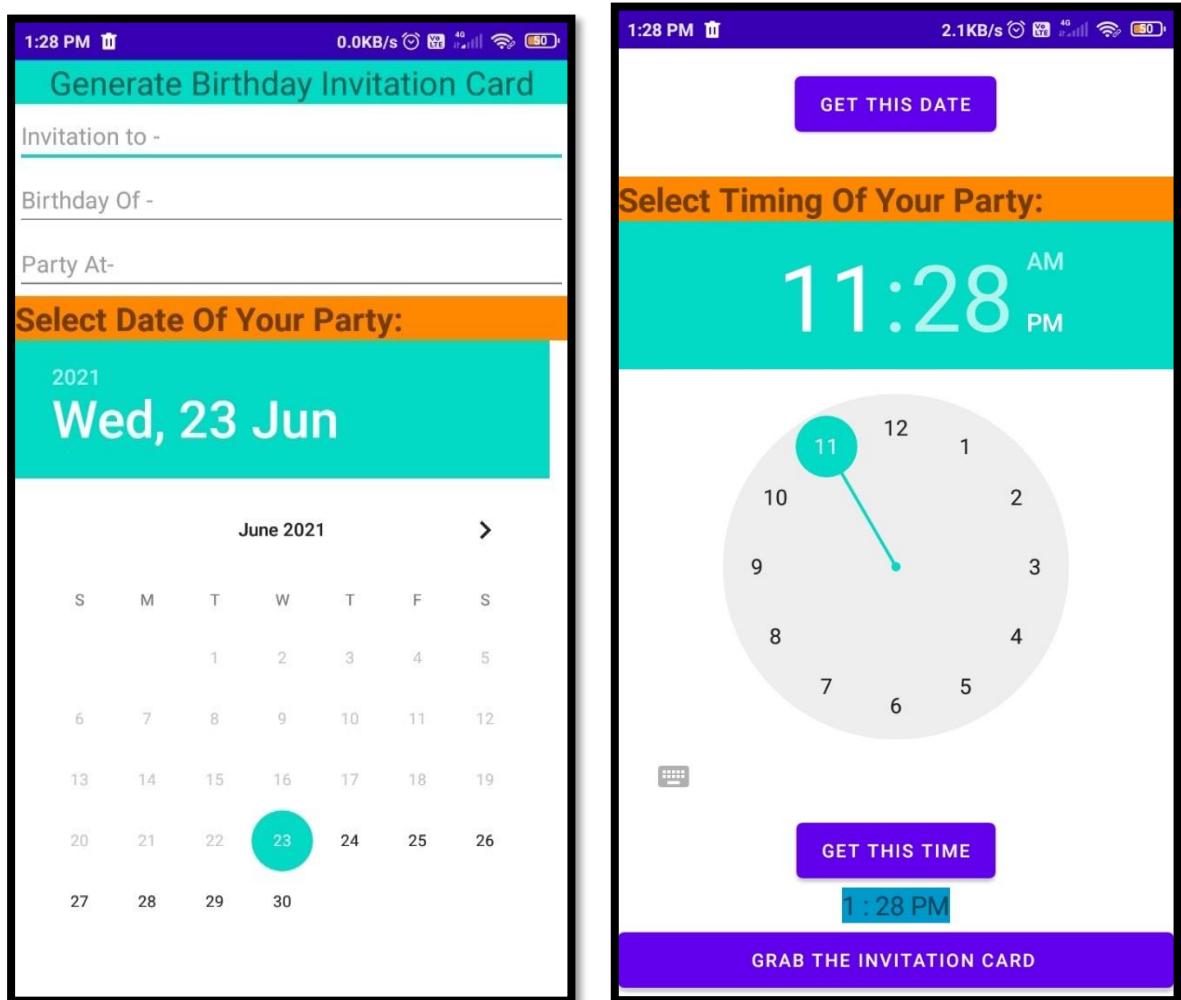
Payment Option

Pay With UPI
 Pay On Delivery
 Pay Explicitly With Our Credential

ORDER CAKE

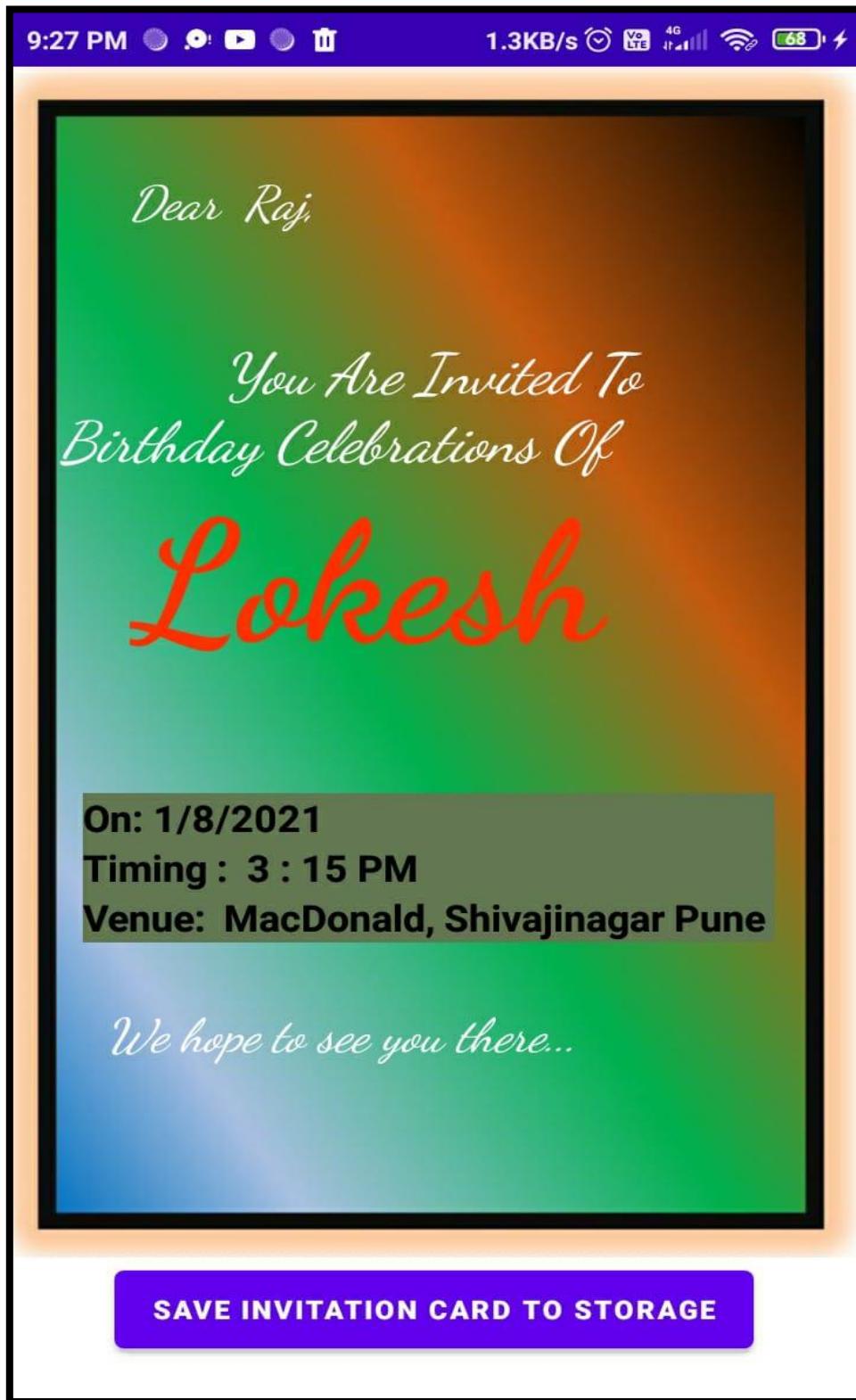
This is final module of ordering the cake .Here user will be asked for the quantity ,date of delivery ,payment method and can proceed to order cake .

- Design Birthday Invitation Card Module (Initial) –



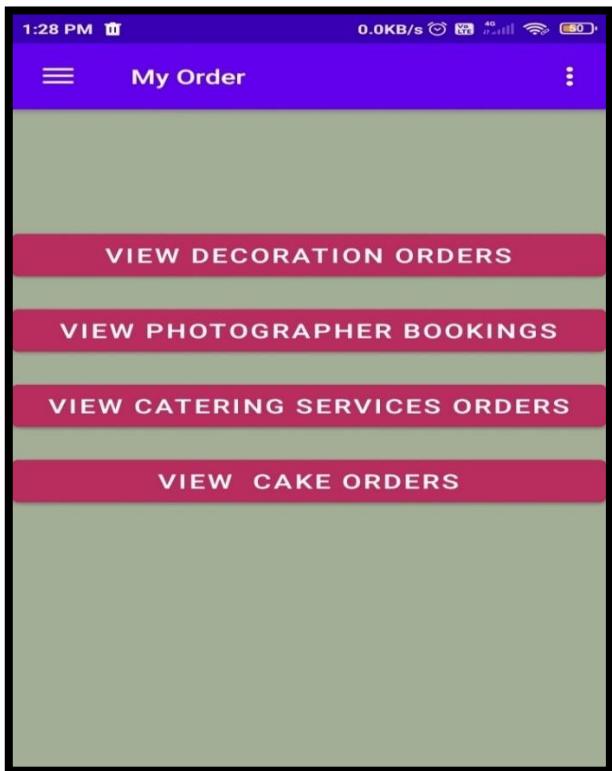
This is the module of generating the birthday invitation card ,by entering the valid details required ,system will generate the birthday invitation card.

- Design BirthdayInvitation Card Final Module -



This is the Final Module of generating birthday invitation card.where invitation card generated by system will be shown and user can save that invitation card to the device internal storage.

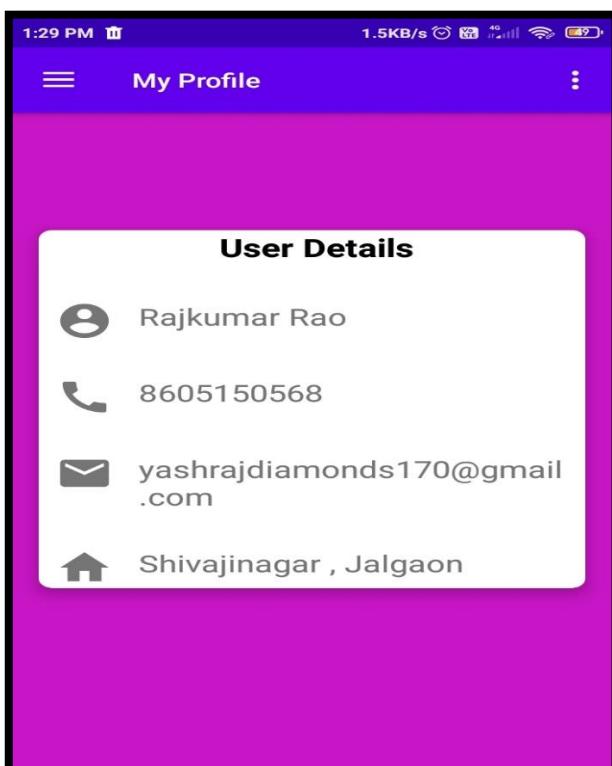
- My Order Module -



This is the my order module ,here user can view their orders and can delete the order if he want to.

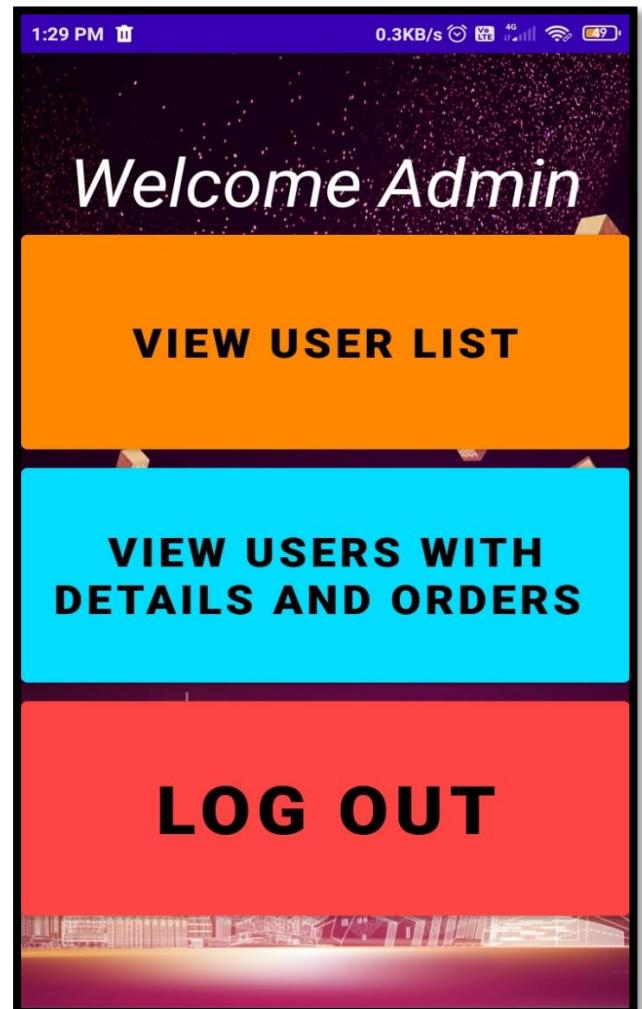
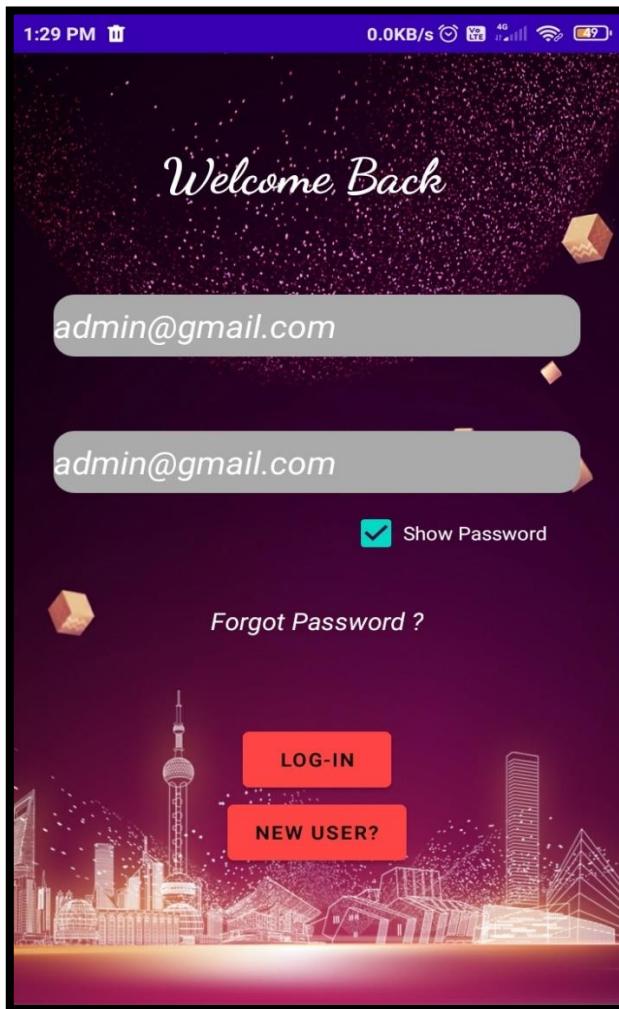
The order status updated by the admin can be viewed here ,and user can keep track of all their orders from this module.

- My Profile Module –



This is the my profile module where user can view his/her details.

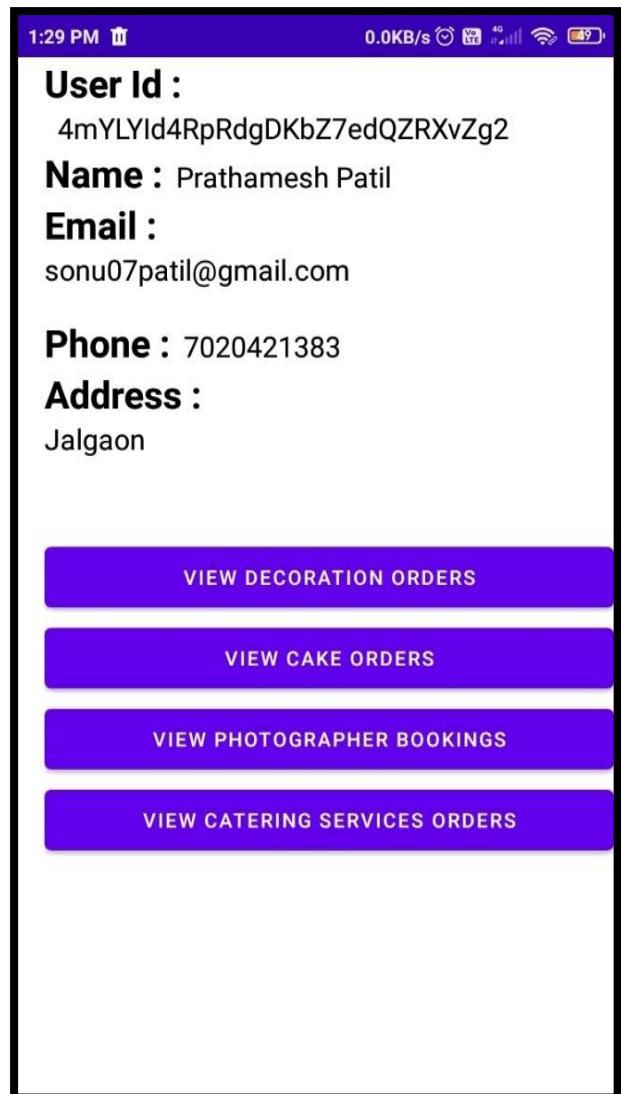
- Admin LogIn Home Module -



When logIn Activity overtaken by the introductory splash screen ,and with the admin credential ,admin home module will be visible.

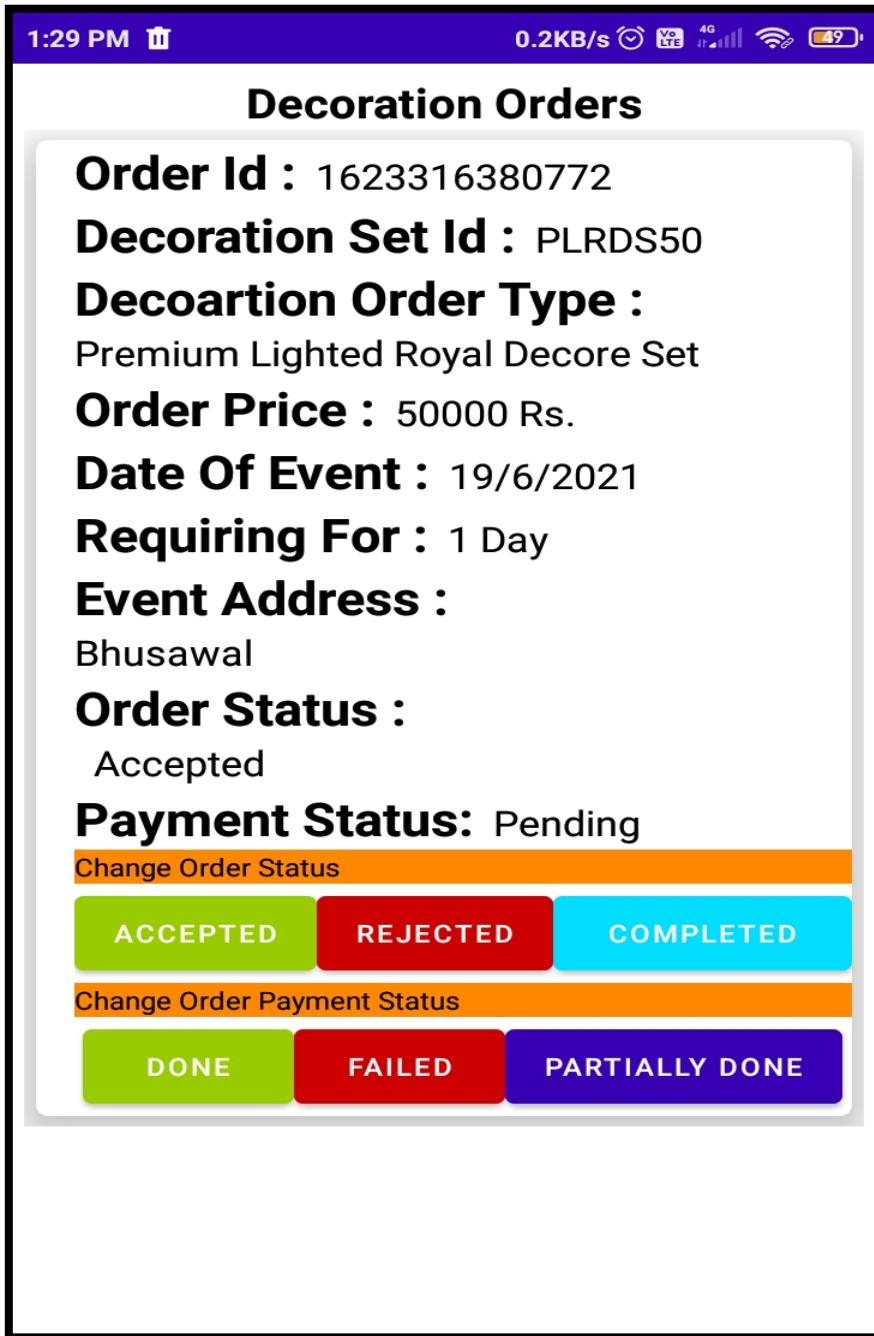
In these admin home module ,admin is having options to view the userlist and also the users with details and order information.

- UserList And Show Order Module -



Here in these module admin can view the userlist and the details too. With the another module connected admin can view the particular order of that user and it will lead to order updation module.

- Admin Order Updation Module –



Here is the order updation admin module from where admin can update the order status as completed, rejected ,and accepted according to corresponding processes .
And admin can update the payment status too as Done ,failed or partially done.
Hence the admin updated status of order and payment process ,the updated status will be visible to user side accounts.

Chapter 7

Strength And Limitations

Strength Of Projects –

1. User friendly UI Design
2. Quick Order Status Updation
3. Offers Online cashless payment facility
4. Access of entire system to Admin
5. Bug Free Interface Functioning
6. Organizer can make their events special with easy use application to order decoration set .
7. For smaller parties user can order the cakes.
8. Process of appointing photographer made simple with application
9. User can design birthday invitation card and can save to storage in image format.
10. Event Organizer can order the catering service with menu list as their selection choice.

Limitations Of Project -

1. Requires Internet connection
2. Requires storage space available to install the application
3. Sometimes UPI payment can be failed.
4. User have to logIn everytime when he starts to use application

Chapter 8

Future Scope

This project has the vast scope in future. Since user can organize events with simple clicks the event management process has made simplest and smart. The application can be used to create the special of events without trouble of any manual order .

Future Scope Variations Of project –

1. Project can adapt to the updates as there is requirement.
2. Application/System will provide the better and secure service to user.
3. The extra feature can be added to the application as per the user requirements or reviews.

Chapter 9 **Conclusion And References**

9.1 Conclusion –

Thus the designed system is useful for the event organizer to manage their event as per their requirements and feasibilities. Ordering process of Decoration set is made easier with the application interface.

Appointing photographer can be done with the simple clicks and ordering the catering service can be done easily with the system.

Hence hereby we conclude the report that the designed application can be helpful to managing the vents to the organizer and admin of the system who can keep track on the records and orders .

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