Marriage hub

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Marriage Hub

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UNDERTAKEN

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Final Approval

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Dedication

This thesis is dedicated to: The sake of Allah, my Creator and my Master, my great teacher and messenger, Muhammad (May Allah bless and grant him), who taught us the purpose of life The Comsats University; my second magnificent home; My great parents, who never stop giving of themselves in countless ways, To all my Teachers & Family. My friends who encourage and support me, All the people in my life who touch my heart, I dedicate this research.

PROJECT BRIEF

PROJECT NAME	Marriage Hub
ORGANIZATION NAME	Marriage halls / Banquets
OBJECTIVE	Automate the reservation system
UNDERTAKEN BY	Mahnoor Azhar (SP19-MCS-009) Hajra Batool (SP19-MCS-005)
SUPERVISED BY	Mr. Shehzad Rizwan Assistant Professor Computer Science CUI Attock
STARTED ON	/* START DATE */
COMPLETED ON	/* END DATE */
SOURCE LANGUAGE	Java and XML
OPERATING SYSTEM	Windows 10
TOOLS USED	Android Studio, Firebase Database, Microsoft Word, Microsoft PowerPoint, Star UML

ACKNOWLEDGEMENT

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We are grateful to our Supervisor **MR SHEHZAD RIZWAN** for being the essence of guidance during the entire project. Without her help this project would not have been completed, her guidance and cooperation that he has lent us unconditionally. We want to thank the rest of our family, who supported and encouraged us despite all the time it took them to help us complete this degree program. It was a long and difficult journey for them. We would like to thank our team for helping in the process of selection and editing.

Last but not least: We beg forgiveness of all those who have been with us over the years and whose names we have failed to mention.

ABSTRACT

Nowadays business get-together is projected to meet clients and to expand sales and relationship. Also, our country, having a tremendous population has marriage functions and rituals are also conducted in halls, marquees, and banquets. That guides us in the sense of any venue management. Marriage halls are an evident choice for such parties and solemn ceremonies. Whether it's a birthday party, a formal party, or a wedding reception, marriage halls are obliged for almost all occasions. In a fully fetched wedding season, getting a reservation for an appropriate Marriage hall becomes a tough job. Numerous people face the problem of reserving halls at their desired time according to their budget. So here, our android application "Marriage Hub" is providing such a reliable platform for fixing all issues associated with marriage hall booking. Marriage Hub is an android application which is beneficial for the people to perceive all marriage halls information online with few clicks and get all service details with an exact price, also have the functionality of total billings which is given to the users after he/she selects the desired items from the provided list. Marriage hub also gives the booking facility to the users who want to reserve his/her desired hall in a very short and compact time.

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Chapter 1

Introduction

1.1 Introduction

The rising trend in marriage halls across the years mainly from 2008-2020 is offered for a number of reasons. Marriage is a significant process for every human to face during their lifetime. It not just essential but is a religious tradition that every individual is likely to follow. Marriage halls propose to organize marriage and wedding gatherings and fitting all the services for the comfort of people under one roof. Marriage halls accommodate all services including cutlery, food, sitting arrangements, music system, decor, security, safety, and parking.

Now, everybody knows that Android is an open-source mobile operating system with a tremendous user base and it interpreted the mobile application development process. So, we are presenting a fully functional and efficiently working android application "Marriage Hub" that will be used in smartphones and work for target users who want to organize an event. This application is supported to eliminate and, in some cases, reduce the hardship faced by users while searching for the best marriage hall according to the price, place, and available services. Marriage Hub makes it easy for the peoples to get online information of all marriage halls instantly. It gives every service detail with an exact price and the total billings which is given to the users after they select the desired items from the provided list. The core objective of our project is to save user's time, effort and give him/her ease to easily get information about the upcoming services provided by the marriage halls.

Our project has two main portals (modules).

- Admin's Portal.
- User's Portal.

When the Admin signs in/ sign up then he/she can view the databases of application. The User's database will contain all the record of the users like assigned name, requested marriage hall, Booking, record, etc. For the first request of a particular marriage hall from the available marriage hall list, the user has to sign up for the subsequent requests. He/she has to sign in if interested to reserve the selected marriage hall and then, can check the availability of the marriage hall and also further activities and services providing by the particular hall. After entering the respective portal, the user will see the dashboard of the app where all marriage hall lists will display to select anyone by the user from those halls. Users will be able to see other information like event list, services list, item list with their prices, etc. The rates of all services of each marriage hall will be visible in the main interface which will be noticeable to everyone. A calendar will show to the user and the user will put a request for confirming the event date by using the calendar, if the hall is already reserved

on that particular date then a notification from the admin is send to the user that the hall is reserved. The user has authority to discard his/her order within the given time provided by the admin. If the is free for booking and amount the user has to submit is not available in the record of admin then an acknowledgment in the form of notification will be sent to the user which means the unavailability of payment and consequently considered an invalid request.

The application is reduced as much as possible to avoid errors while entering the data. No formal knowledge is needed for the user to use this application. Thus, by all this, it proves it is user-friendly. Marriage hub, as described above, can lead to an error-free, secure, reliable, and fast management platform. It can assist the user to concentrate on other activities rather than concentrate on record keeping. Thus, it will help marriage halls in better utilization of resources.

Every marriage hall, whether big or small, has challenges to overcome and manage the information of customers, booking, venue, Event and so on. Every marriage hall has different booking needs therefore we design an exclusive system for booking to facilitate each marriage hall secure booking. This is design to assist in strategic planning and will help to ensure that marriage halls are equipped with the right level of information and details. The user has to ensure all these details by payment manually after satisfaction. This project is saving the user's time in an efficient manner which is the core objective of our project.

1.2 Others application VS Marriage Hub

Many online systems are available which only cover dense cities like Karachi, Lahore that shows their sole objective to make money where they see frequent money circulating. Moreover, they only facilitate famous marriage halls, marquees, banquets and so on which highlights their main objective of targeting the public, unlikely to this application will chase middle-class families as well because they are facing the same issue as rich communities.

Some applications provide an online booking facility, some provide details of marriage halls but do not provide a booking facility yet these applications give both facilities at the same time. Some cities like Islamabad, the capital city where the website of the marriage hall available but the application base system isn't configured.

Nowadays, many websites provide information about marriage halls with their services but do not provide detail of prices of services in many areas, this Application shows currently estimated prices also be deliberately calculated in peak hours, weeks, and months.

1.3 Goal and Objectives of the project

1. To display lists of marriage halls.
2. To categorized various events like marriage events (mehandi, baraat, birthday party, etc.).
3. To tracks all the information about Customer, Venue, and Enquiry, etc.
4. To select services from service list after selecting the event from event list like Menu item, Space for (arrange /separate) function, Stage decoration theme for their particular events, Photography service, etc.
5. Editing, adding, and updating of Records is improved which results in proper resource management of data.
6. To manage the information on booking.

1.4 Project Scope

As we know, it's so difficult and time taking job to search for a reliable marriage hall by going outside and check details one by one. "Marriage Hub" will help the peoples to gets all the marriage halls information online at one place by simply clicking some features and also gives each service detail with their price. The user will scroll the mobile menu and check useful details of marriage halls when they want data at a competitive price within their budget timely.

It may help to collect perfect management in detail. In a very short time, the collection will be obvious, simple, and sensible. It will help a person to know the detailed prices of each marriage hall item. It also helps in current all work relative to marriage hall booking. Marriage Hub also has the functionality of calculation all selected items of each marriage hall by the user. Comparison functionality is also available for comparing the prices of marriage halls with each other that will inform the user about variations in the prices of different halls. It will reduce the cost of collecting the information procedure smoothly.

1.5 Description Layout

The content of this document explains the steps that are required to complete and finalized this project**.** The report documents and overall process including

- Background
- Requirements specifications
- Project design
- Implementation
- Testing

This documentation report also contains relevant figures and tables

1.6 Limitations

- Internet availability is required 3G/4G
- Every user can use this application about its requirement
- Only marriage hall admin can modify the system

Information provided should be accurate and update from time to time about relevant marriage halls.

1.7 Performance Criteria

- This application responds quickly.
- This application is easy to understand for users.
- The website is user friendly, and the user can get maximum information.

The database is easy to handle and secure.

1.8 Software Dependencies

- Android Studio
- Firebase database
- Incremental Model
- Star UML, MS Visio

1.9 Hardware Dependencies

- Processor: dual-core or higher processor
- Hard Disk:512 GB
- RAM:4GB
- PC

Chapter 2

Literature Review

2.1 Literature Review

The literature review includes relative information that is somehow similar to our application. Different applications about marriage halls are stored in the play store, also related websites as well. Some features of those applications are very effective and helpful but there are still a lot of opportunities that need to be availed. we searched these applications, deduced related information, and tried to enhance the functionality of our application by exploiting the limitations of these already available apps. Those applications have various functions, some work properly but sometimes applications crash and work very slow due to different reasons. In our application, we fulfilled all the required services more efficiently according to the marriage halls that a common person needs as well as high gentry including prices of all services, total online billing system, Marriage Hall availability, Online booking, and so on. Here are some applications accessible on the internet.

2.2 Existing applications

2.2.1 Booked.pk

This application is developed for providing information about the marriage halls to the users via mobile phones including availability dates, events, and services information, menu packages, and so on according to the user requirements and their location**.**

Features

- Users can search the marriage hall by using their city, their capacity needs, venue name.

- Next User can see booking dates of different marriage halls and then will plan to book marriage halls according to their needs.

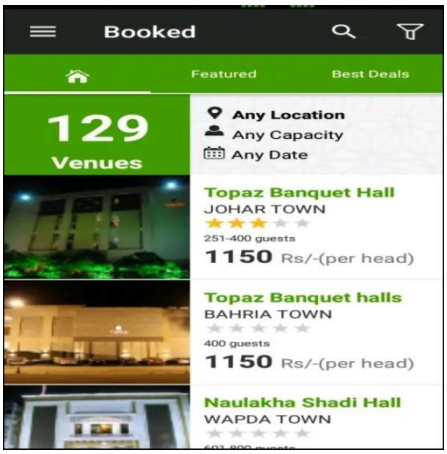


Figure 2.1 Booked.pk

2.2.2 Banquet Management System

The application banquet hall management system provides many integrated tools, including a booking calendar by the help of this user can see the total booking, booking dates so that he can book the marriage hall on your decided dates.

It provides automate processes to improve efficiency like manage event date, catering balance than final payment, and automatically create the life cycle of your events, create flows that saves your event information with the help of tools. It helps the vendors to enhance their customers' experience by providing cloud-based solutions for online payment, generate reports, etc.

Features:

- Booking Calendars
- Payment Reports
- Catering and Food Management
- Customer Relationship Management
- Easy to Use
- Billing and Budget

Figure 2.2 Banquet Management System

2.2.3 OZ wedding venue management system

OZ is the best wedding venue management application because it allows you to easily manage many weddings, venues, and the booking process. You can access your wedding management software from any device, you can save track of your contacts, calendars, emails, and payments. OZ integrated tools and functions allow you to access any of the information with just one click.

Features:

- User Management
- Contact Management
- Wedding Booking Management
- Google Calendar Integration
- Payment Management

Figure 2.3 Wedding venue management software

2.2.4 Book the functional hall

This application is developed for booking marriage halls by entering the location, hall name, event name and then you can get information.

Features

- Booking management
- Payment management
- Easy to use

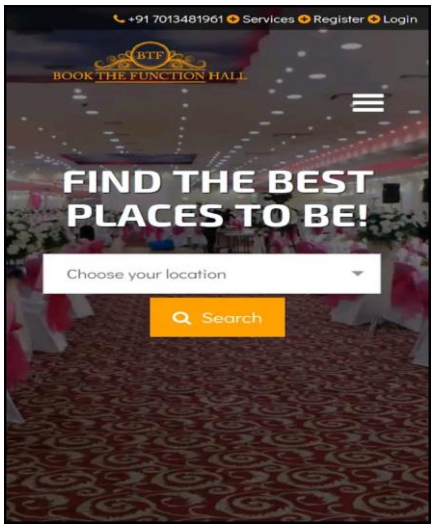


Figure 2.4 Banquet Management System

2.3 How Marriage Hub is different from existing systems

As mentioned, some existing work above, the most important thing is that how we differentiate our proposed application from all related applications mentioned above for that purpose we have some points that will make us clear about the differences between all other applications and our Marriage Hub application. These points are in the following lines.

Other application does not specifically, covers the marriage halls of local areas. It means that many websites and applications just available for big cities and mostly available just for their specific marriage halls. Some applications just tell about the services and about the available events not detailed information about the prices of every service and some just provide the booking facility.

Additionally, there are only booking applications that only provide selective information. But Marriage hub is the only platform that works for the user to give information about marriage hall in detail.

2.4 Comparison Table

Please see Table 1 for the comparisons of features given in the different related applications.

Table 2.1 Comparison of different apps according to their features

Apps with Features	**Marriage halls list**	**Services and Items**	**Services Selection**	**Online Booking**	**Selected items calculation**
Booked.pk	Yes	Yes	Yes	Yes	No
Banquet Management System	Yes	Yes	No	Yes	No
OZ wedding venue management system	Yes	Yes	No	No	No
Book the functional hall	Yes	Yes	No	Yes	No
Marriage Hub	Yes	Yes	Yes	Yes	Yes

Chapter 3

Requirement Specifications

3.1 Requirements

The requirements specification captures all the requirements in a single document. Developing a computerized system reduces the manual work and safe time in the Marriage Hub application. In the requirements the efficiency of workloads increases and decreases. This android application provides all information about the different marriage halls events and their services with their standard prices when the user will require. The analysis of requirement specification is a formal statement of the application of functional and non-functional requirements of systems.

3.2 Non-Functional Requirement

To perform certain functions, we define its non-functional requirements that specify how this system works. On functional requirements describe how a system behaves and what limits or rules there are on its functionality. On functional requirements specify the system quality characteristics and attributes. There are following some non-functional requirements of our android application.

3.2.1 Compatibility

This application will work only with android and it is not compatible with any other operating system. This application would be beneficial for marriage halls, their administrators, and the users when they will run this app on their smartphones.

3.2.2 Reliability

The system should be reliable for the users and it will give correct information to the users without showing bugs again and again. In terms of reliability, our application is much easy to interact with for the users and gives a user-friendly interface. Users will be facilitated with the correct information about different marriage halls of their area and details regarding their search about the events and services.

3.2.3 Performance

The application will be able to handle a large number of users at a time and give a quick response to them as well. But the server user request and response will depend on the internet connection.

3.2.4 Robustness

Our application has the ability to cope with any unexpected input instead of crashing and it will show a proper error message.

3.2.5 Maintainability

The application will take a maximum of five seconds to start and it will be displayed proportionally correct on all screen sizes.

3.2.6 Availability

This application would be available for users 24/7 hours and users will be able to use it for services if both are available. The users will be able to use it at any time.

3.2.7 User Friendly

This application provides a user-friendly interface and system very interactional. It can easily be accessed and used by all the android systems of all kinds. The android systems offer a flexible as well as reliable design for application to show its layout. Due to the user-friendly environment, the application will be easily understandable by the user and enables users to use it without any difficulty.

3.2.8 Safety and Security

Add will be banned so that the user can use the application conveniently. The application will provide full authentication for the Admin of different Marriage Halls and the users. Authentication is a must every time for the user when he will want to perform any action like book marriage hall, cancel a booking and check availability then the user can be login with their register email and password if he is now than he will Sign up and will be registered on this application.

3.2.9 Scalability

The application must have the ability to perform any task equally well. When the admin of any two or more than two Marriage Halls adds the data, the system will make sure they face no difficulty.

3.3 Hardware and Software Requirement

For any system requirements related to hardware or software's is very important because the developer of the system must be aware of the hardware specification of the system which he/she is going to develop and also awareness about the tool which is the helping hands for the developer. Hardware and software specification related to our applications are the following:

3.3.1 Hardware Specification

- Smartphones related to android technology:
- RAM of smartphone minimum 2GB
- 5 to 10 MB internal space in the smartphones must be available
- A customary processor of the smartphone
- Any internet technology Wi-Fi OR Mobile data

3.3.2 Software Specifications

- The latest version of Android Studio SDK.
- Java SDK and language for the backend.
- XML for front end
- Star UML
- Firebase Database.

3.4 Functional Requirement

The specific features or functionality that is defined by its stakeholders that must be performed by an application or system are known as the functional requirements of the application or the system.

3.4.1 User Information Access

Firstly, the user no need to login on to our application if he just wants to see the information of marriage halls but if he wants to book a marriage hall or want to check availability further details then he will just need to login and if he is new user he will go to the signup page and register on this application. The same things will be for the admin of different marriage halls when he will update information on the application.

This Application contains all the information about the marriage halls. The user will be access information easily by putting their desired marriage hall name and will see detailed information about the different marriage hall events and services.

3.4.2 Event and Service Selection

This application will display an event list of different marriage halls with their services. The user will select an event from the event list and then go to the detail option and will get information about the services of marriage halls with their price details.

3.4.3 Billing Calculation

The user will select the desired events with the services according to their requirement and budget and he will get the total estimated price of marriage hall services. This is the main feature of this application in which the application will calculate minor to minor items prices and will give the total bill after calculation.

3.4.4 Comparison

The user will have the facility to compare one marriage hall to another marriage hall according to their selected events with the services and he will be able to check the prices of both marriage halls. Then he will decide to book a marriage hall according to their budget and needs.

3.4.5 Availability

This application will provide information about the marriage hall availability, about the dates when marriage hall will be available or not or booked by other users this will an application will provide all details according to user requirements

3.4.6 Online Booking

User will book their selected marriage hall online on the available dates. After that in 24 hours he will pay the payment by hand otherwise his booking will be canceled by the admin.

Chapter 4

Project Design

4 Project Design

In this chapter, we will discuss the methodology, architecture overview and design description of our system.

4.1 Methodology

Methodology selection is as important and integral part of project development. The work is divided into a small number of increments (modules) and testing is applied at every increment to check the output given by the system therefore we have opted the incremental model for development of our app. Considering these major reasons following design is selected:

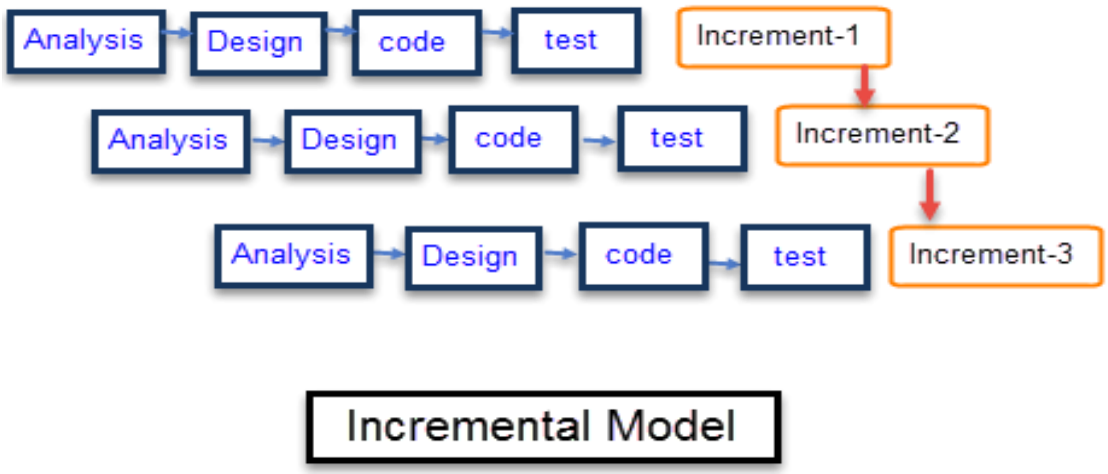


Figure 4.0 Methodology

The methodology is the strategy to tell how this research is to be taken and completed. These methods define the modes of data, collection and their calculated result. The methodology does not define specific methods, but it gives attention to nature and processes to be followed in a particular procedure or to fulfill the objective.

The function of the application is to interpret the behavior, indication of performance, and design constraints. Illustrate what the proposed application will do without telling how it will do it. It also describes the inclusive outer activities of the intended application.

4.2 Use Case Diagram

Use case diagram is used to represent the system and other elements involved in the system. It shows the relationship between users and the system use cases in which the user is involved. Use case diagrams to represent different types of users of the system. Use cases are represented by circles or ellipses and users are represented by the actors. Their relationship shows by lines coming out from the actor and reaching out to the use cases.

In figure 4.1 we represent the use case diagram for our system to represent all of its functions.

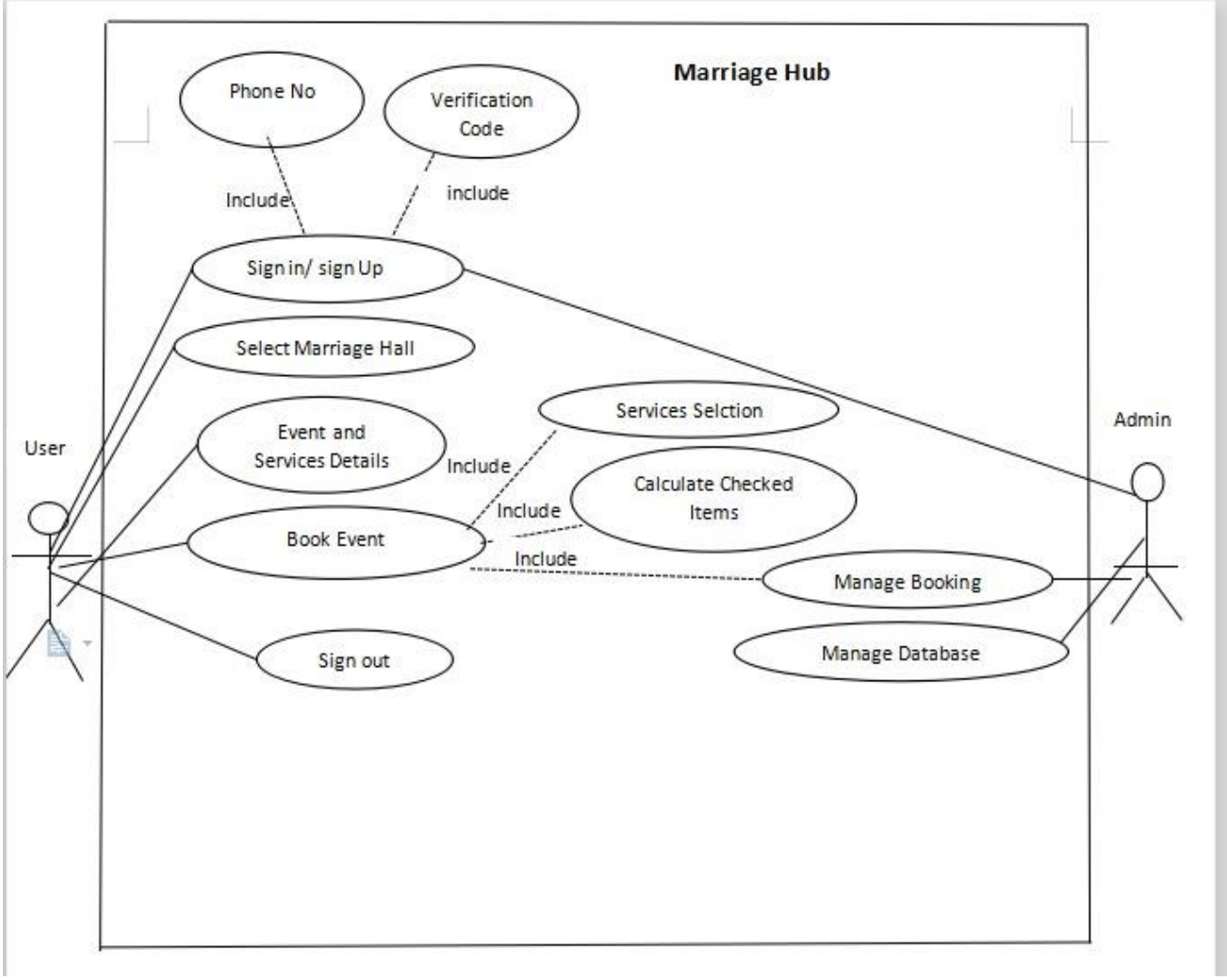


Figure 4.1 Use Case Diagram

4.2 Class Diagram

Interaction between classes as the interchange of the message is shown in the sequence diagram, run time scenarios are validates in the sequence diagram. The class diagram is the principal structure block of object-oriented modeling. It is practiced for extensive conceptual modeling of the construction of the application, and complete modeling translating the models into programming code. The classes in a class diagram describe both the principal components, interactions in the application, and the classes to be processed.

In figure 4.2 sequence diagram for our application is designed to visualize all of its modules.

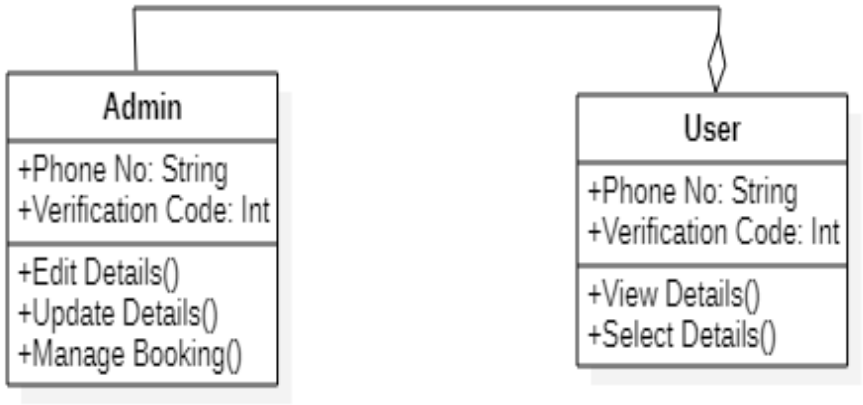


Figure 4.2 Class Diagram

4.3 Activity Diagram

Flow from one activity to another activity is represented in the activity diagram. It describes dynamic aspects of the system for which it is designed. Activities are described as the operation of the system inactivity diagram. It is a flow chart representation. In figure 4.3 activity diagram for our application is shown to describe the activities of the application.

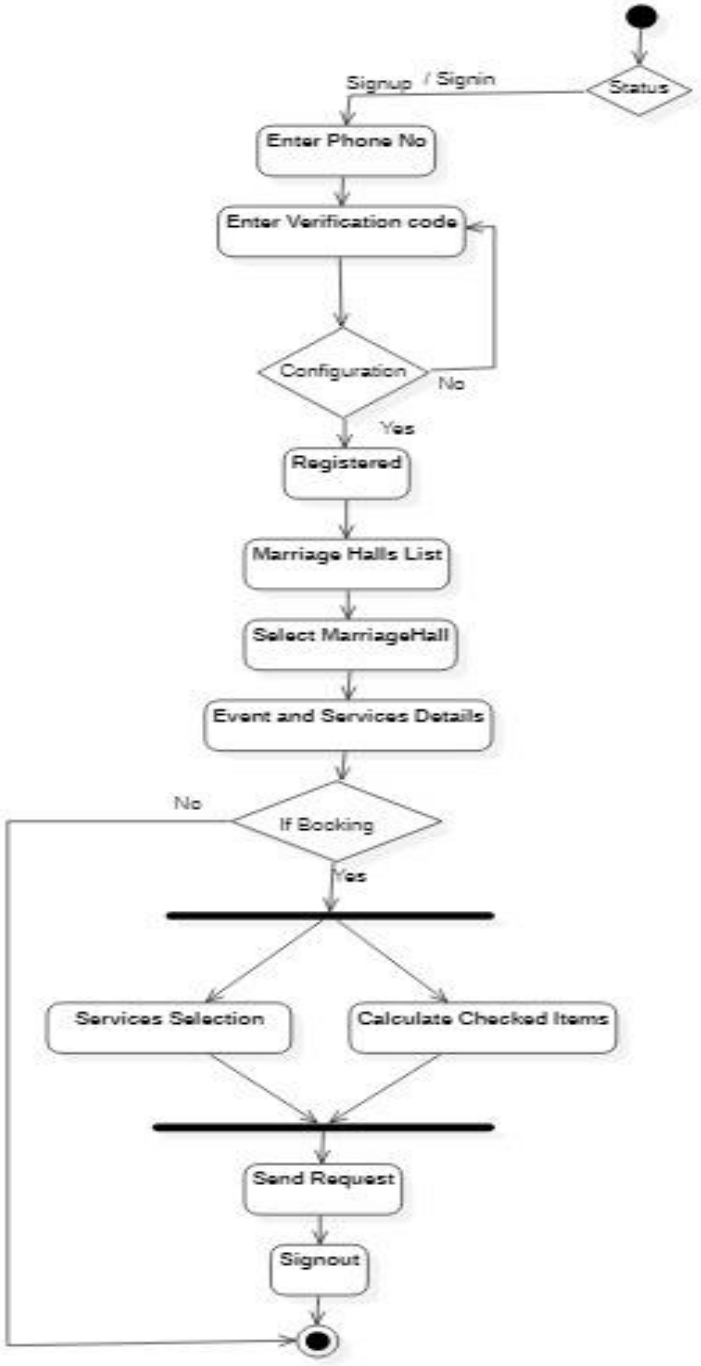


Figure 4.3.1 User Activity Diagram

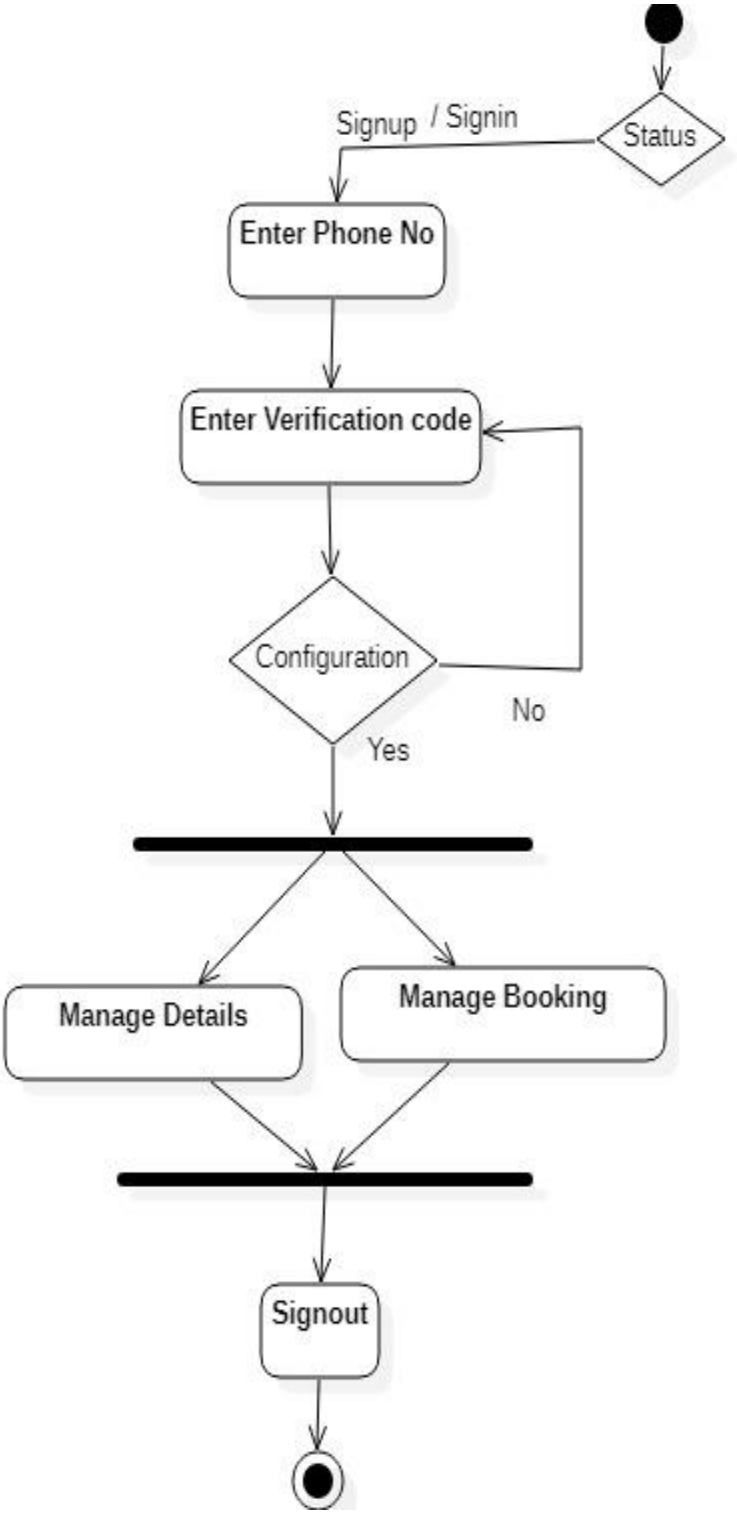


Figure 4.3.2 Admin Activity Diagram

Chapter 5

Implementation

5.1 Implementation

Implementation relates to the third phase of the project management life cycle. The implementation phase includes establishing the project strategy into action where ideas and designs become reality. This is the judicious summing-up, after evaluating, determining, visioning, and planning of the project development. We will explain the functioning of our project with the help of images that will describe the actual working of our project effectively.

There are some tools and techniques written below that we practiced in our project.

5.1.1 Tools and Technologies

5.1.1.1 Languages

- Java
- XML

5.1.1.2 Data Access

- Firebase database

5.1.1.3 Tools

- Android Studio
- adobe Photoshop (for logo design)

5.1.2 Development Stage

First, we created a database for our project. Execute this database on Firebase and setup our project by giving project packages and certificates.

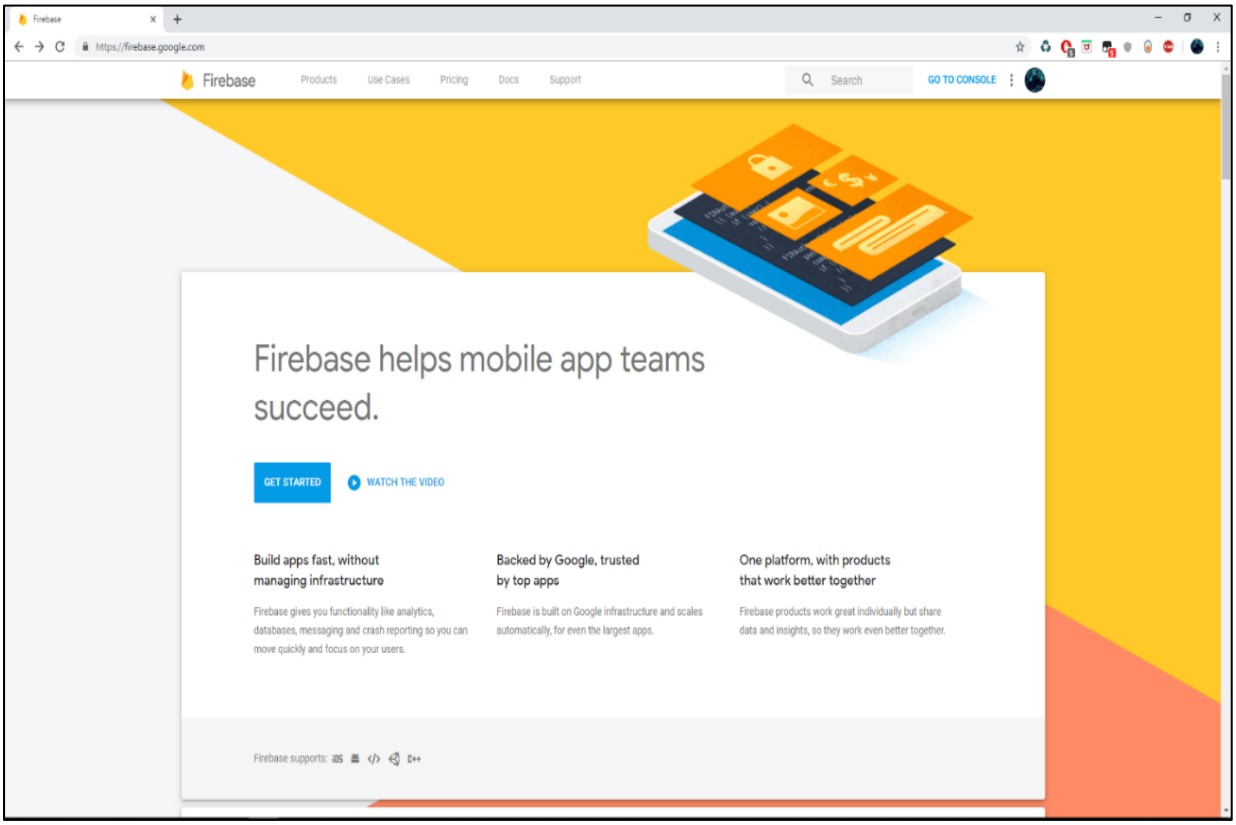


Figure 5.1 Setting up firebase

5.1.3 Get Started with Firebase

To visit Firebase, go to link https://firebase.google.com we'll be able to create our real-time database using the Gmail account.

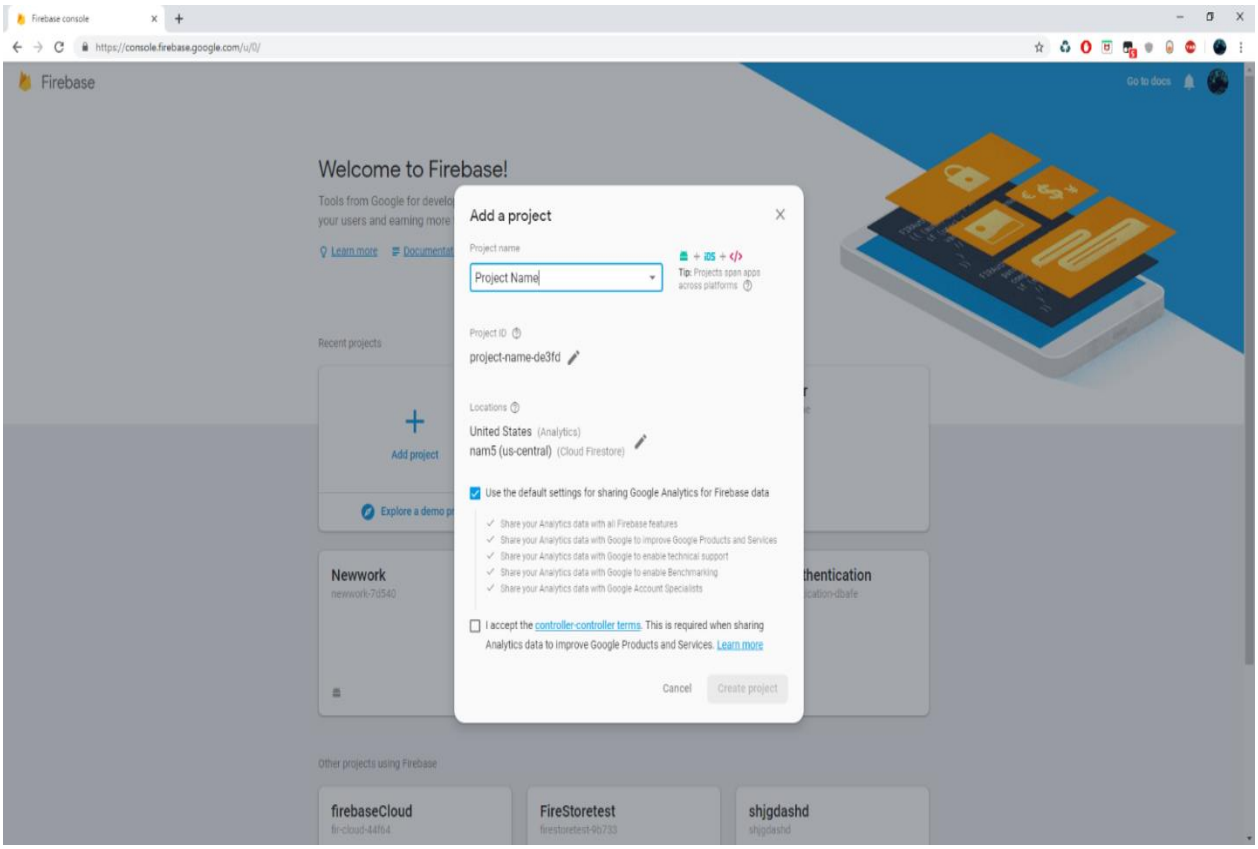


Figure 5.2 Getting started with firebase

5.1.4 Setup Tables

Now the database of our project is ordered. Now we will create a table in our database in the form of Hierarchy, which means the parent-child concept.

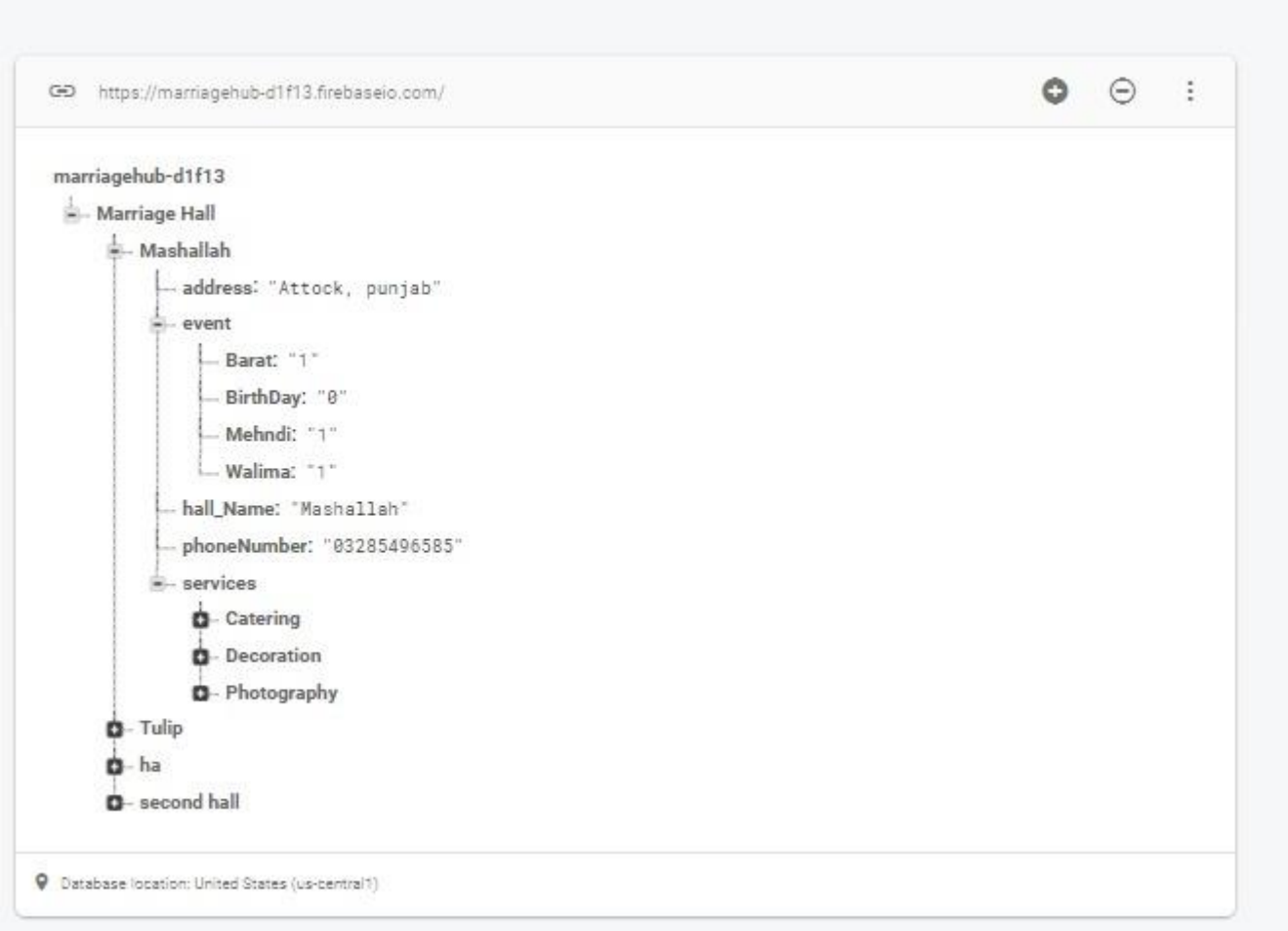


Figure 5.3 Setup Tables

5.1.5 Setting up Android Studio

The android studio gives various built-in designs for the activities that help the users to create an attractive and responsive view of their projects but we will use empty activity because of designing the activities according to the sense of our application.

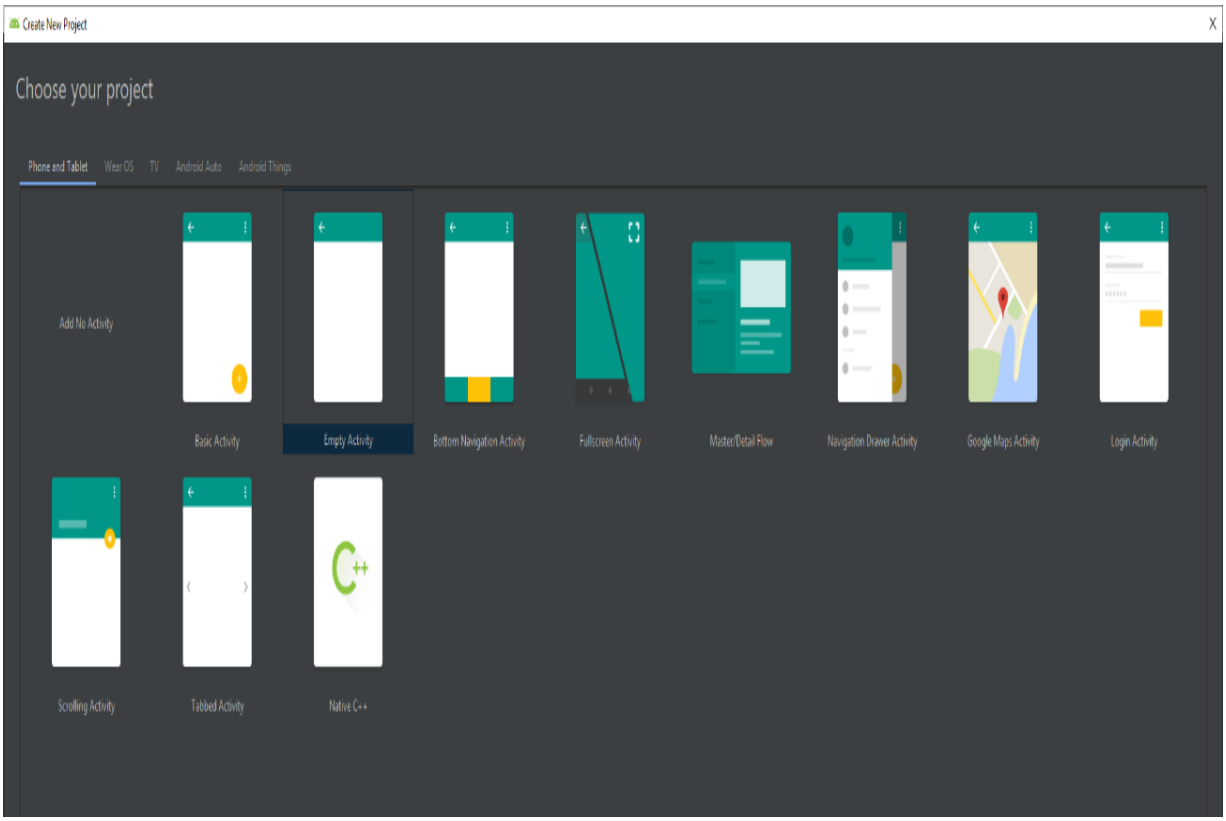


Figure 5.4 Select Activity

5.1.6 Connecting project to firebase

We can connect our project manually with Firebase and create a database in it but the Android studio has an assistant feature to connect easily just click it, connect and create the label. Manual connectivity is lengthy and technical but assistants easily connect the project with online database firebase.

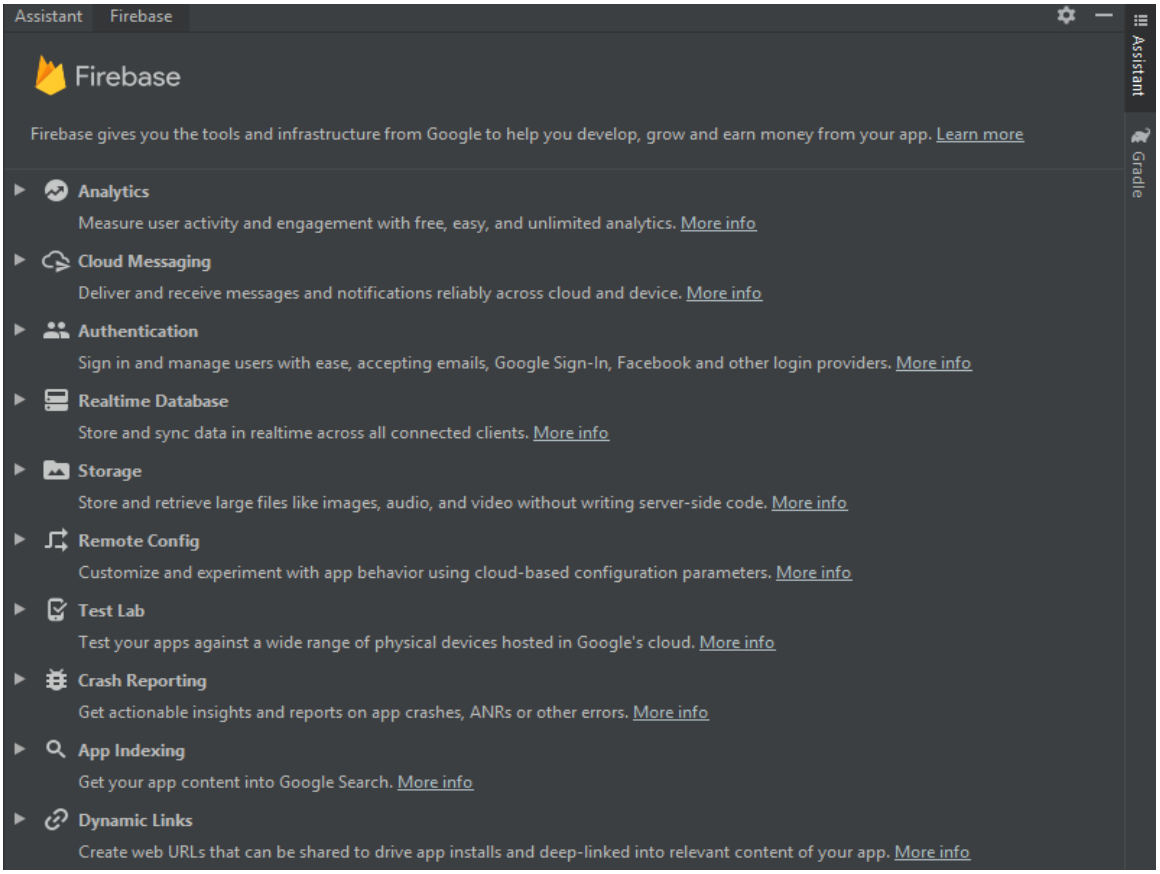


Figure 5.5 Connecting project to firebase

5.1.7 Splash screen

Figure 5.6 Splash screen

5.1.8 Home Page

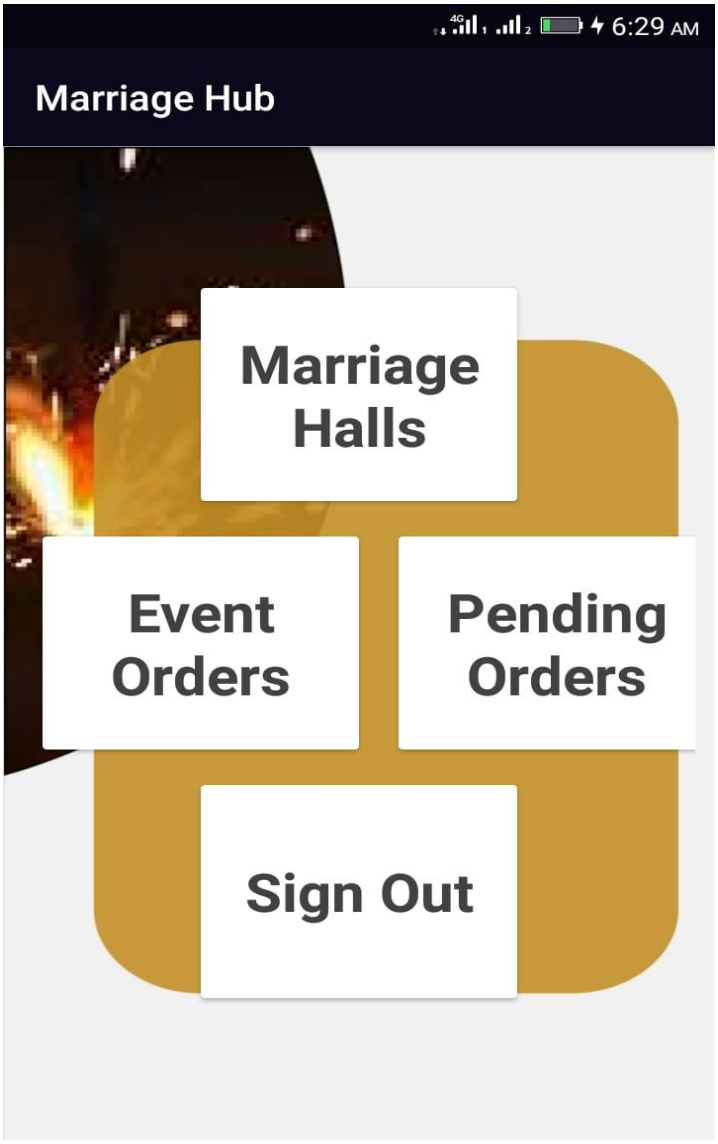


Figure 5.7 Home page

5.1.9 Marriage Halls list

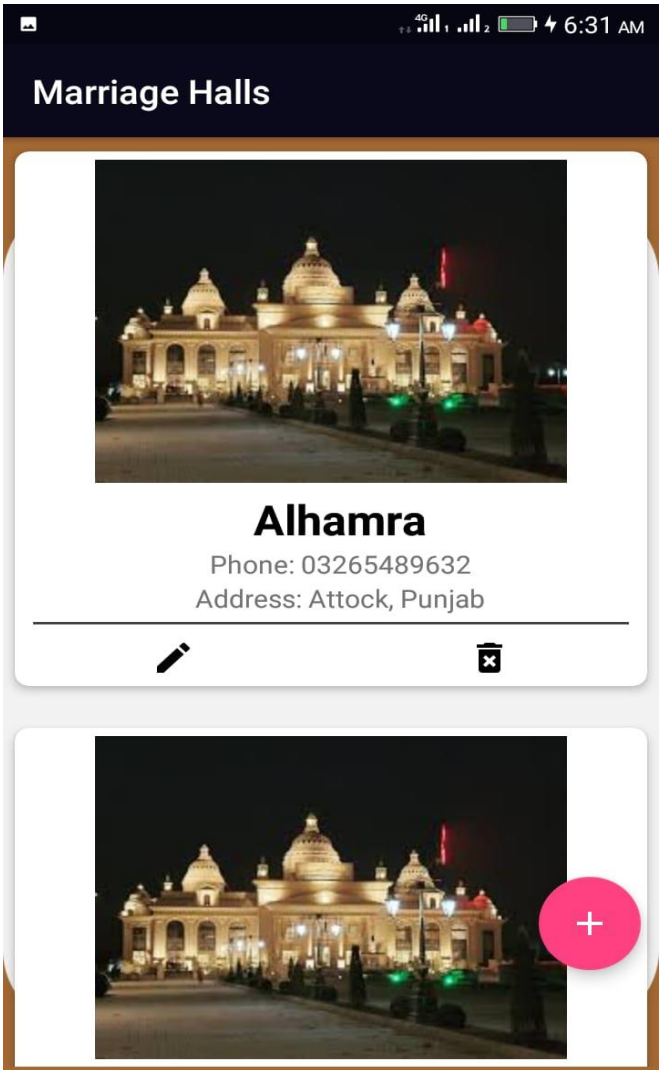


Figure 5.8 Marriage Halls list

5.1.10 Events list

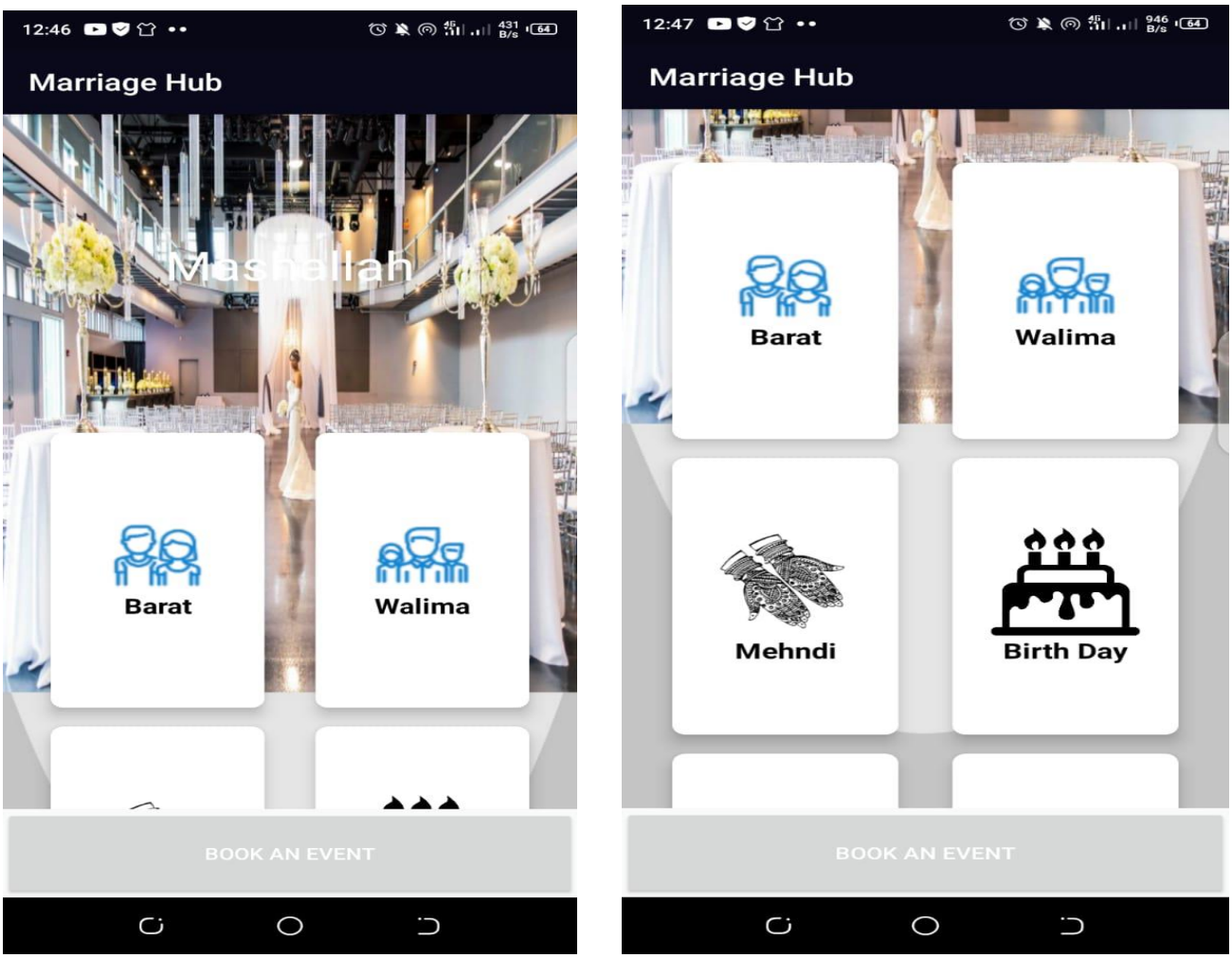
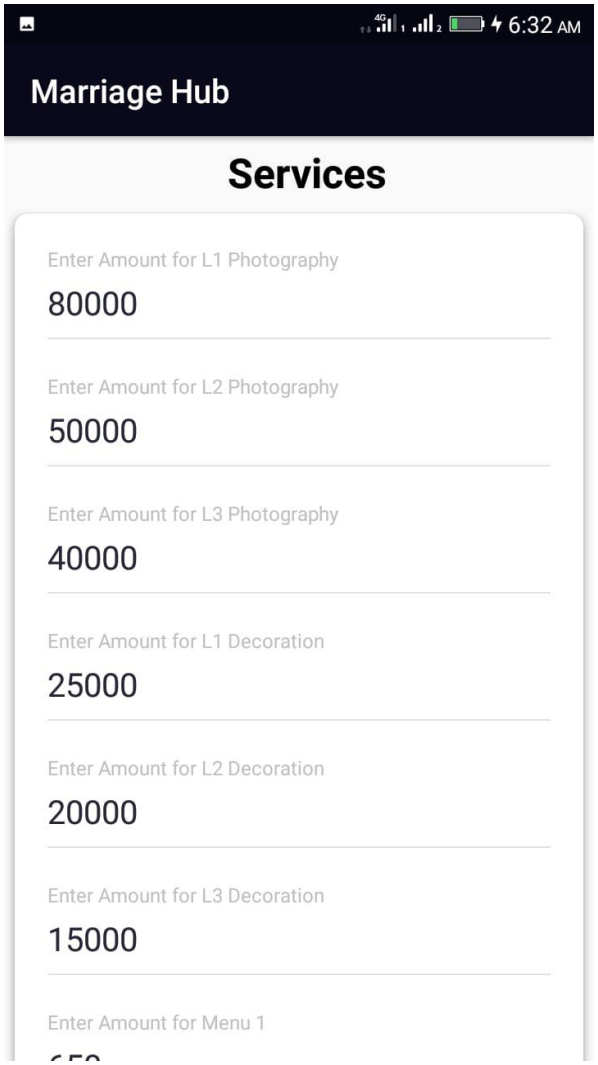


Figure 5.9 Events list

12:48
Marriage Hub
Photography
Catering
Decoration
BOOK AN EVENT


6:32 AM
Marriage Hub
Services
Enter Amount for L1 Photography
80000
Enter Amount for L2 Photography
50000
Enter Amount for L3 Photography
40000
Enter Amount for L1 Decoration
25000
Enter Amount for L2 Decoration
20000
Enter Amount for L3 Decoration
15000
Enter Amount for Menu 1

5.1.11 Menu selection

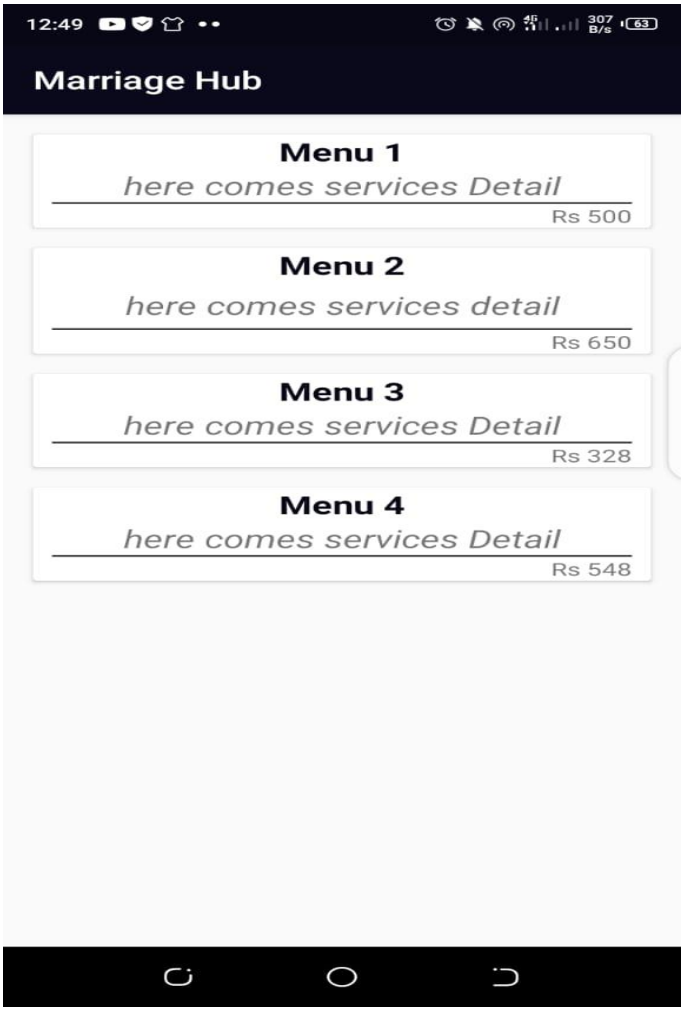


Figure 5.10 Menu selection

5.1.12 Decoration levels

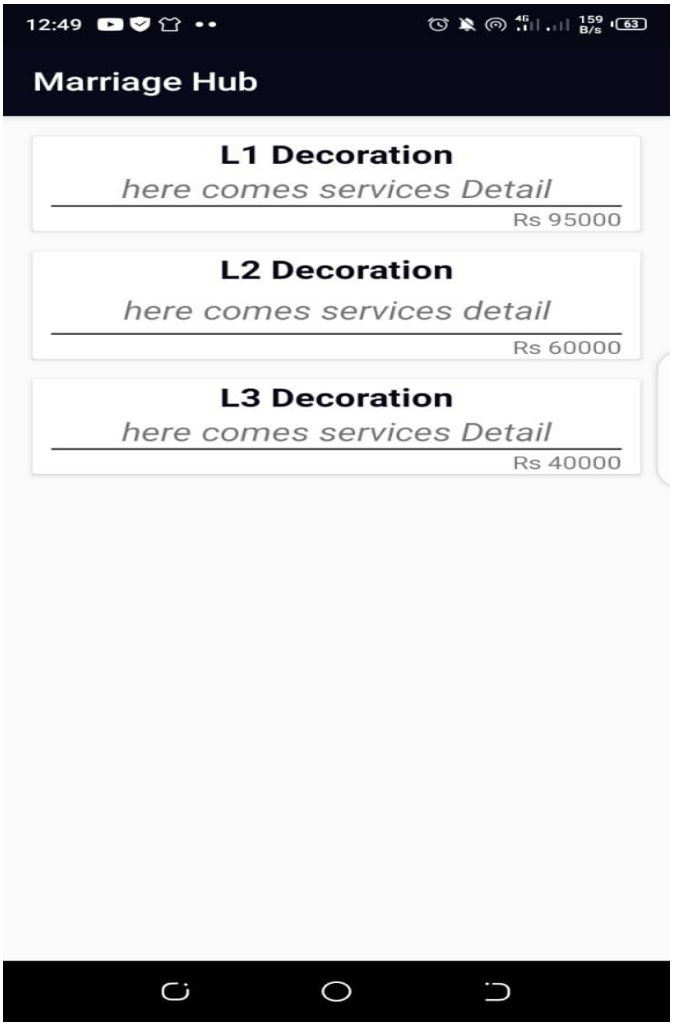


Figure 5.11 Decoration levels

5.1.13 Photography levels

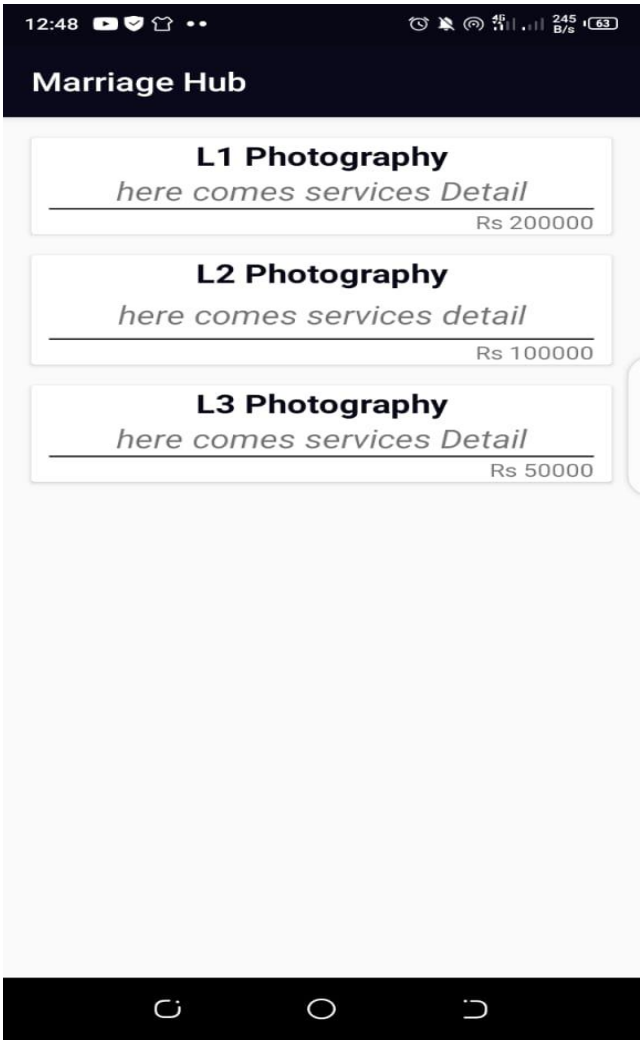


Figure 5.12 Photography levels

5.1.14 Calendar for selecting date

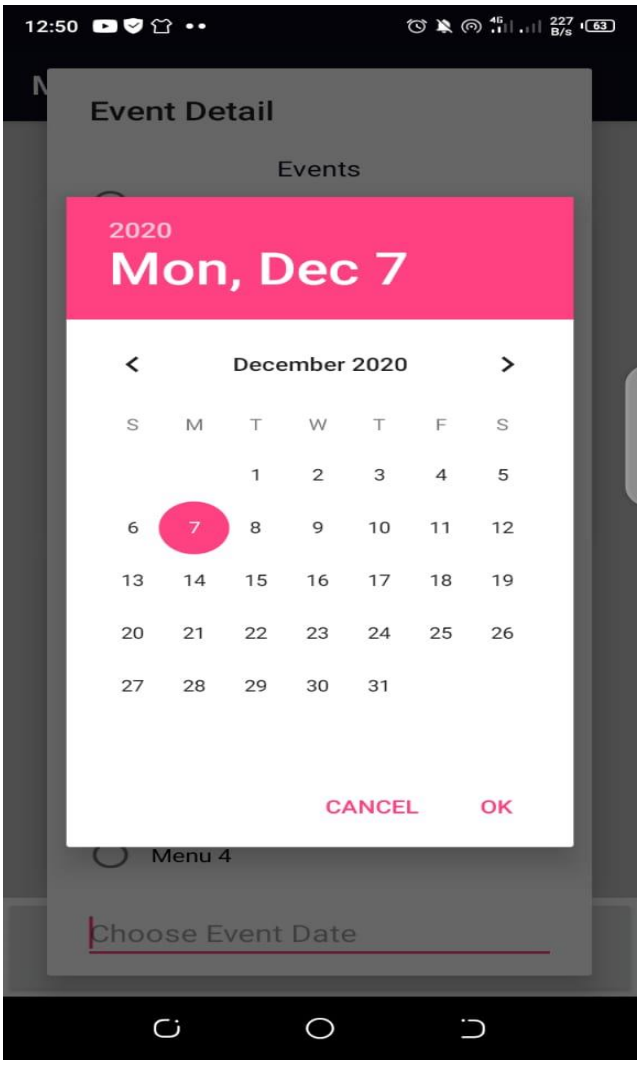


Figure 5.13 Calendar for selecting date

5.1.15 Event details

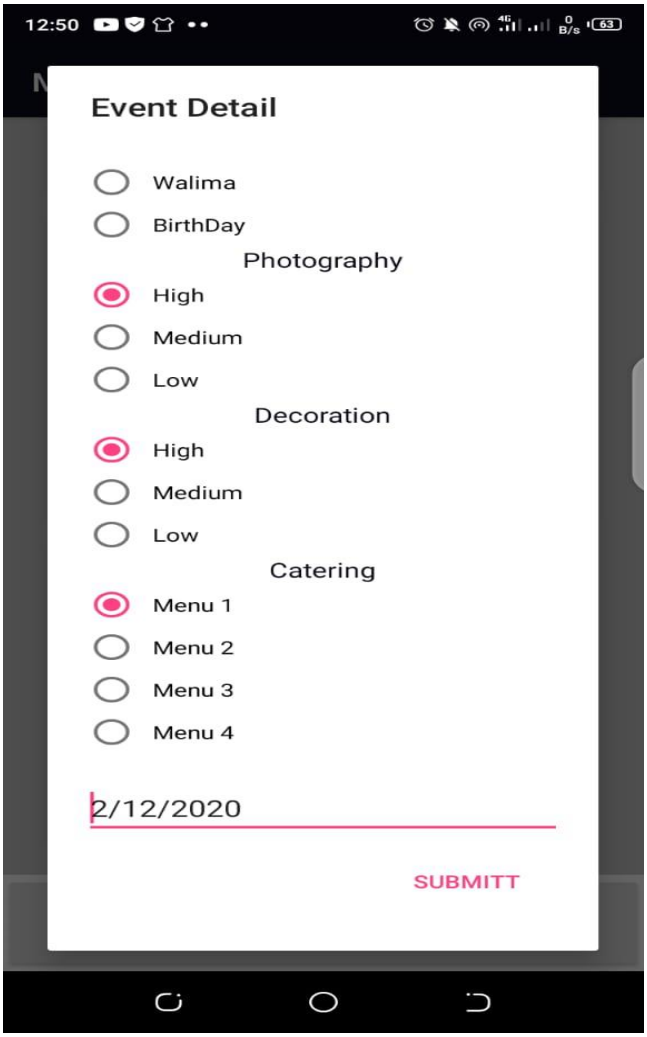


Figure 5.14 Event Details

5.1.16 Booking Confirmation

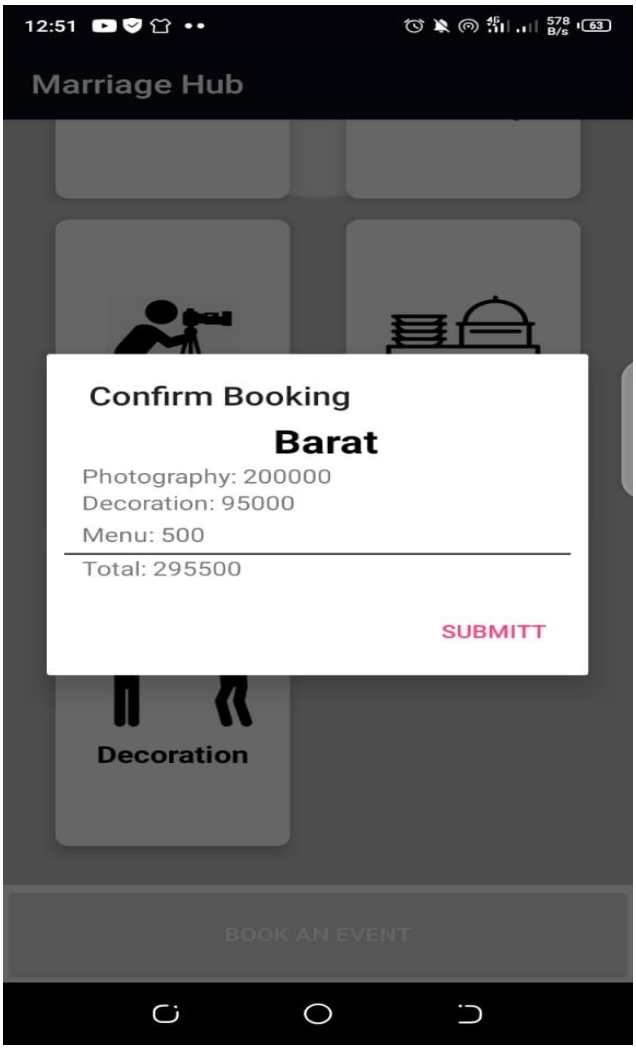


Figure 5.15 Booking confirmation

5.1.17 Payment details

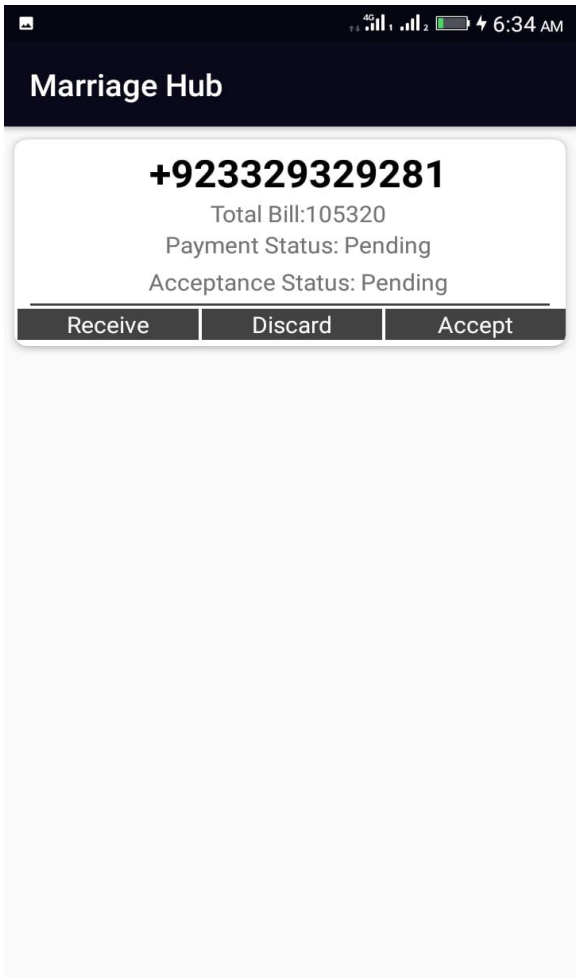


Figure 5.16 Payment details

Chapter 6

Testing

6.1 Software Testing

Software testing is a method to identify the exactitude, completeness, and essence of AUT (application under testing). This is an essenti. . software development because it guarantees the authenticity and functionality of our application. It is an exercise to evaluate results (actual vs. expected). It adds the association of errors of bugs and defects them to make it more user-friendly.

6.2 Why software Testing is done?

The main purpose of testing is to obtain errors with minimum effort and time and making sure that the application is working flawlessly without errors and delays.

6.3 Principal of Software Testing

The Principles of Software Testing are as follows:

1. Testing explains the presence of defects
2. Exhaustive testing is impossible
3. Early testing
4. Defect clustering
5. Pesticide paradox
6. Testing is context-dependent
7. Absence of error

6.4 Testing Levels

Each level of testing has its purpose and provides value to the software development process.

1) Unit testing
2) Integration testing
3) system testing
4) acceptance testing

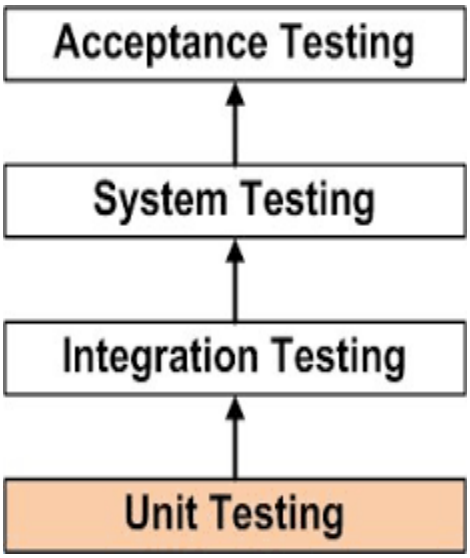


Figure 6.1 Incremental Model

6.4.1 Unit testing

Unit testing is conducted on a standalone module to check whether it is developed accurately. It focuses on the smallest piece of code referred to as a unit, and check every unit for the sake of bugs errors, or expected problems.it helps to remove errors and problems earlier if found.it facilitates changes and simplifies integration.

6.4.2 Integration testing

Integration testing is a process of combining the individual modules as a group and then performs testing. We thoroughly check the data transfer between the modules. As we know while developing an application we work on small modules, after the completion, we integrate these modules and perform testing to ensure that the application runs efficiently.it classifies interface issues between modules.

6.4.3 System testing

All the components of the system are tested as a whole in order to ensure the overall product meets the requirements which are specified. It verifies technical, functional, and business fundamentals of software or an application.

. 6.4.4 Acceptance testing

This is the final level of testing which is also called UAT (user Acceptance testing).it determines whether or not the software product is ready to be released or not. Requirements keep changing throughout the process so it is important to verify the business requirement, all the functional requirements and all the application is ready to use in real life.

6.5 Test cases

6.5.1 Sign-up for Admin

Table 6.1 Admin Sign up

Test no.	**Test condition**	**Expected Result**	**Actual Output**	**Status**
1	Clicking login with empty fields	Toast displayed: Enter data in all fields	Toast displayed: Enter data in all fields	pass
2	Clicking login with invalid and empty fields	Toast displayed: Enter data in all fields.	Toast displayed: Enter data in all fields.	pass
3	Entering all valid fields and clicking signup	Signup successfully	Admin account created successfully	pass

6.5.2 Sign-up for User

Table 6.2 User Sign up

Test no.	Test condition	Expected Result	Actual Output	Status
1	Clicking login with empty fields	Toast displayed: Please enter data in all fields.	Toast displayed: Please enter data in all fields.	pass
2	Clicking login with invalid and empty fields	Toast displayed: Please fill all fields	Toast displayed: Please fill all fields	pass
3	Entering all valid fields and clicking signup	Signup successfully	User account created successfully	pass

6.5.3 Marriage hall selection

Table 6.3 Marriage hall selection

Test no.	Test condition	Expected Result	Actual Output	Status
1	Click: Select Marriage hall	Toast displayed: Hall selected successfully	Toast displayed: Please choose your services	pass

6.5.4 Services Selection

Table 6.4 Service selection

Test no.	Test condition	Expected Result	Actual Output	Status
1	Clicking Submit with empty fields	Toast displayed: Fields are empty	Toast displayed: Please select any service	pass
2	Clicking submit with invalid fields	Toast displayed: Invalid service selection	Toast displayed: Please select services correctly	pass
3	Clicking submit with correct and complete fields	Services added successfully	Services Submitted	pass

6.5.5 Checked items calculation

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Table 6.5 Checked items calculation

Test no.	Test condition	Expected Result	Actual Output	Status
1	Check items calculation	Calculated amount is (amount)	Amount in rupee/-	pass

6.5.6 Request for reservation

Table 6.6 Request for reservation

Test no.	Test condition	Expected Result	Actual Output	Status
1	Click: Send request	Request submitted to admin	Request Submitted	pass

6.5.7 Feedback from admin

Table 6.7 Feedback from the admin

Test no.	Test condition	Expected Result	Actual Output	Status
1	Clicking submit with empty fields	Toast displayed: Please enter the data.	Toast displayed: Please enter the data.	pass
2	Clicking submit with required data	Toast displayed: Request submitted successfully	Toast displayed: Request submitted successfully	pass

Chapter 7

Conclusion and Future work

"Our imagination is the only limit to what we can hope to have in the future."

Charles F. Kettering

7.1 Conclusion

Our application is a responsive android application that can be easily accessed by any android user. User-Friendly and easy IDE is the trump card for our application. The expansion in the number of marriage halls is due to the comfort it presents to the hosts and provides package budgeting that is easily accessible according to the requirement. Indoor marriage halls shield against bad weather statuses and also allow a higher traditional outlook for marriages the ambiance, the decor as compared to the outdoor marriage events. There are numerous marriage halls in Pakistan and finding a hall according to your requirement is like finding a "Needle in a haystack". You will encounter lots of hurdles and complications like, is the volume is enough to accommodate your guests, is there adequate space for parking and the expense of the venue is inside your budget or not. By using an online application for booking a marriage hall, these difficulties will be fixed and "Marriage Hub" will be the most suitable choice for any type of user to solve these confusions.

Online Venue reservation is not evermore for a wedding, there are also some additional functions people may celebrate rather than a wedding. Sometimes, people may explore the place for pre/post marriage get-togethers like engagement, dinner, or other personal/formal events like corporate events, honor ceremonies, naming ceremonies, anniversary parties, etc. For miniature functions like a naming protocol, birthday celebrations, wedding anniversaries, corporate meetings, you don't need a big place. So our application will provide ease to the user to search and select a particular hall according to the venue he/she is going to celebrate even for the middle-class people as well as for the high gentry.

Our online venue booking application offers lots of facilities for the users so you will able to search efficiently and get the exact venue easily in a very short time. It's hard to search marriage halls In Pakistan with rates but "Marriage Hud" gives you the details of the venue within your budget, also you can enquire about the payment policies, etc. So that it seems to be very reliable to find details about Wedding Venue by simply using an android application rather than go outside to find booking halls. Booking your wedding hall by using an online application will save your money and time and most of all it reduces your stress.

7.2 Future work

There are many possibilities open for improvements in our project "Marriage Hub". Firstly, this application can be introduced internationally so that a user can gather the details of marriage halls outside Pakistan. Secondly, a GPS can be introducing that will guide the user about the exact location of any marriage hall and the best path for reaching it timely. Thirdly, a rating system with the help of user experience and comments can be implemented that will help the user to find out the best marriage hall and have knowledge of the experience the other people got from that particular marriage hall. At number four, the policies made by the government for the marriage halls can be integrated with the application that will guide the user about the current situation and restriction if announced by the government.

Chapter 8

References

8 References

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