



**COMSATS UNIVERSITY ISLAMABAD, SAHIWAL
CAMPUS, COMSATS ROAD OFF GT ROAD,
SAHIWAL, PAKISTAN.**

Project PROPOSAL

for

EVENTIVO

(Android Application)

Version 1.0

By

| | |
|--|-----------------------------|
| | CUI/SP16-BCS-000/SWL |
| | CUI/SP16-BCS-000/SWL |

Supervisor

MR.

Bachelor of Science in Computer Science (2017-2021)

Project Title

EVENTIVO

Project Advisor

Mr.

Project Co-Supervisor

name

Particulars of the students:

| S. No | Registration# | Name in Full | CGPA | Email | Signatures |
|-------|---------------|--------------|------|-------|------------|
| 1 | | | | | |
| 2 | | | | | |

Advisor's Consent

I Prof. /Dr. /Mr. /Ms. _____ am willing to guide these students in all phases of above-mentioned project / thesis as advisor. I have carefully seen the Title and description of the project / thesis and believe that it is of an appropriate difficulty level for the number of students named above.

Co- Advisor's Consent

I Prof. /Dr. /Mr. /Ms. _____ am willing to guide these students in all phases of above-mentioned project / thesis as advisor. I have carefully seen the Title and description of the project / thesis and believe that it is of an appropriate difficulty level for the number of students named above.

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|---------------------|-------------|-------------------|
| Signatures and Date | <div></div> | Advisor |
| Signatures and Date | <div></div> | Co-Advisor |

SCOPE DOCUMENT REVISION HISTORY

| No. | Comment | Action |
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Supervisor Signature

Date:

Table of Contents

| | |
|---|-------------------------------------|
| Android Application | Error! Bookmark not defined. |
| 1 Introduction | 8 |
| 2 Problem Statement..... | 8 |
| 3 Problem Solution for Proposed System..... | 9 |
| 4 Related System Analysis/Literature Review | 9 |
| 5 Advantages/Benefits of Proposed System..... | 10 |
| 6 Scope | 10 |
| 7 System Limitation/Constraints | 10 |
| 8 Software Process Methodology | 10 |
| 8.1 Incremental Model | 10 |
| 9 Software and Technologies | 11 |
| 10 PROJECT STAKEHOLDERS AND ROLES | 12 |
| 11 Data Gathering Approach | 12 |
| 12 Modules..... | 12 |
| 13 CONCEPTS | 14 |
| 14 Gantt Chart..... | 15 |
| 15 Mockups..... | 16 |
| 16 Conclusion | 18 |
| 17 References..... | 19 |

List of Figures

| | |
|---|----|
| Figure 1: Incremental Model Diagram | 11 |
| Figure 2: Architecture | 14 |
| Figure 3: Gantt chart | 15 |
| Figure 4: Mockup..... | 16 |

List of Tables

| | |
|---|----|
| Table 1: Related System Analysis for Proposed Project | 9 |
| Table 2: Tools and Technologies for Proposed Project | 11 |
| Table 3: Project Stakeholders for Proposed Project | 12 |
| Table 4: Team Member Work Division for Proposed Project | 12 |

Project Category: (Select all the major domains of proposed project)

☐ A- Desktop Application/Information System ☐ B- Web Application/Web Development ☐ C- Problem Solving and Artificial Intelligence ☐ D-Simulation and Modeling ☒ E- Smartphone Application ☐ F- Image Processing ☐ Other (specify category) _____

ABSTRACT

A Eventivo Application provides the searching facilities based on various factor. This android app will provide an interface for searching wedding halls and marquees. This application can be used to check the availability of venue on particular day, so we do not need to go and visit different places manually. User can compare two or more venues for his/her ease. The system will give suggestions according to the budget and number of attendees. The user can pay online with more security. The user can book other essentials for function like DJ, food etc through this application. The user can save time and money to search for hall. Information of individual's booking is stored in database. Owner of the venue can insert his details from his account, he can edit his information and update if needed.

1 INTRODUCTION

We all know that every business is going to shifted on online platforms people like to deal with any person or company about anything or any product by just sitting at their home. Many people want to book the venue and other essentials will less or no effort these days, but people have to visit different banquets and marquees individually and collect the quotations. Some people becomes much lazy that they delay the booking process because manually booking consumes too much time and effort involved. People don't want to go out. People want easiness in their lives so we come up with the idea to ease the people and community. For the marriages and events, we must book marriage halls or marques or other lawn etc. and also need about all the essentials that are compulsory in the event like food, music band system, decoration, photography etc. so we designed a Place Booking application that provide all these services and our community will get benefit of it. The venue booking application provides user the searching facilities based on various factors. This android application will provide the functionality for searching wedding halls and marquees for the events. This application can be used to check the availability of venue on particular day, so we do not need to go and visit different places manually and just book our desired venue by sitting at home using our smartphone. User can compare two or more venues for his/her ease to get suggestions that which one is best for him/her. The system will give suggestions according to the budget and number of attendees. The user can also book other essentials for function like DJ (sound system), food, decoration etc. through this application. The application will save both the time and money of people to search for hall. Information of individual's booking is stored in database. Owner of the venue can insert his details from his account, he can edit his information and update if needed. The user can book all the function's essential without any effort. User can also give the feedback and rate about booking place that will help others to get views about that venue.

2 PROBLEM STATEMENT

In this modern age everyone wants all work online by sitting at home so to book Halls, Banquets and other essentials for any event (birthday, Wedding, Engagement etc.) manually is very time consuming task for most of the people. They have to go to collect all correct information through manual visits. Due to much time consumption in manual visits to each venue, people lower their choices and visit the main ones only and leaves the better ones just because of travelling and time consumption.

3 PROBLEM SOLUTION FOR PROPOSED SYSTEM

Everything is moving towards the online business like websites and android applications. People most of the time use mobile phones and have it in their pockets. Our people spend most of their time by using cellphone and scrolling their social media feed. So this application is android based so everyone having smartphone can use this app and can avail the services. Many people do not visit all the halls and banquets to get information about these venues and finalize the near one or that looks good but in this way they don't visit all halls and not have much info about all. By Using this application people will get all information about the nearby halls or anywhere where they want to search can search and contact with them. It's a great work for community without any boundary and can get complete access on food ordering, sitting capacity and all other arrangements on a single application. We can also get the profit by running ads on it and by adding Feature your venue option.

4 RELATED SYSTEM ANALYSIS/LITERATURE REVIEW

Table 1: Related System Analysis for Proposed Project

| Application Name | Weakness | Proposed Project Solution |
|------------------|--|---|
| VenueHub.pk | It's just for Lahore city Unable to purchase services according to your needs No Suggestions option . | This system will works in all cities |
| VenuBazaar.pk | It's only providing services in Karachi city Not giving any option about comparison of venues No feedback or review option No category wise services option | User can provide the feedback so other users can get better idea for selection of venue |

5 ADVANTAGES/BENEFITS OF PROPOSED SYSTEM

- People will get all information about the nearby halls or anywhere where they want to search and contact with them
- People can get complete access on food ordering, sitting capacity and all other arrangements on a single application

6 SCOPE

Through Eventivo application, the user can book all the function's essential without any effort by sitting at home or any location. User can be able to compare different venues by using this application. The system will give suggestions according to the budget and number of people so user can view them according to his needs. The seller will be able to get more customers by creating the venue's profile and can add all details about venue on profile.

7 SYSTEM LIMITATION/CONSTRAINTS

- This system only works in the area where internet connection will be strong.
- User must have an android smartphone
- User should have knowledge about the application

8 SOFTWARE PROCESS METHODOLOGY

This system will be developed into many development ways but most authentic and suitable life cycle is Incremental model.

8.1 Incremental Model

This system will be developed in module wise, first it has to define its users and then their integration with other users as well as with admin. First it has to developed simple users to check whatever the requirements of our project proposal are meeting with this project or not then we will develop the client side module to integrate the work to hire and purchase demanded work. And transactional module will integrate after these two modules to get paid by client and get payments from client side users. At the end admin module will be developed to monitories and check the work of users.

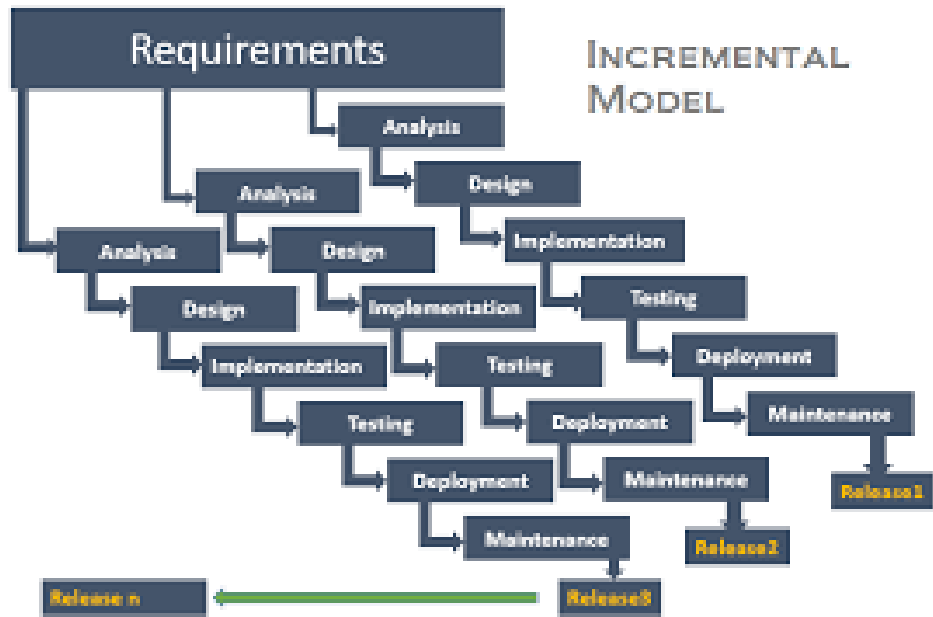


Figure 1: Incremental Model Diagram

9 SOFTWARE AND TECHNOLOGIES

Table 2: Tools and Technologies for Proposed Project

| Tools & Technologies | To ols | Version | Rationale |
|----------------------|----------------|------------------|--|
| | Android Studio | Latest Available | Android app |
| | Photoshop CC | 2018 | Graphic designing |
| | Pycharm | Latest Available | Machine Learning |
| | MS Visio | 2016 | Gantt Chart, Use Case, Incremental Model Diagram, Flowchart, Activity Diagram. |
| | MS Word 2016 | 2.0.5 | Documentation |
| | MS PowerPoint | 2.0.5 | Presentation |
| | Technology | Version | Rationale |
| | Java | Latest Available | Programming language |
| | Firestore | Latest Available | Database for Data storage |
| | Python | | Programming language |

10 PROJECT STAKEHOLDERS AND ROLES

Following table explains the roles of stakeholders for this project

Table 3: Project Stakeholders for Proposed Project

| | |
|------------------------|---|
| Project Sponsor | COMSATS University Islamabad, Sahiwal campus |
| Stakeholder | <ul style="list-style-type: none">• Students Name• Supervisor name• Final Year Project Committee: Evaluation of project |

Table 4: Team Member Work Division for Proposed Project

| Student Name | Student Registration Number | Responsibility/ Modules |
|---------------------|------------------------------------|--------------------------------------|
| | | Documentation, Designing and Coding. |
| | | Documentation, Designing and Coding. |

11 DATA GATHERING APPROACH

Techniques that are used for collecting requirements are as follows:

- Questionnaire and Survey
- Interviewing freelancers
- Observing relevant freelance websites
- Using software applications
- Use of prototype

12 MODULES

Authentication

A valid email and login is required to create an account

Account will be approved by the Admin

Venue Search

The system shall allow the user to search venues

After clicking on required venue from search results, all the details of particular venue can be seen.

Venue Suggestion

The system will suggest the Venues with help of NLP (semantic analysis)

It's depending on the previous reviews and distance

Venue Comparison

The system shall allow the user to do the comparison between 2 Venues

Chat Option

The system shall allow the user to chat with the manager without sharing their personal details

Booking Essentials

The system shall allow the user to book the essentials whatever he/she want for the event like Dj, Food, Decoration etc.

The system shall allow the Manager to manage and update the essential details like categories and budget etc.

Feedback

The system shall allow the user to give Feedback / Ratings about the place to recommend

Payment

The system shall allow the user to pay their total charges of the event by COD method

13 CONCEPTS

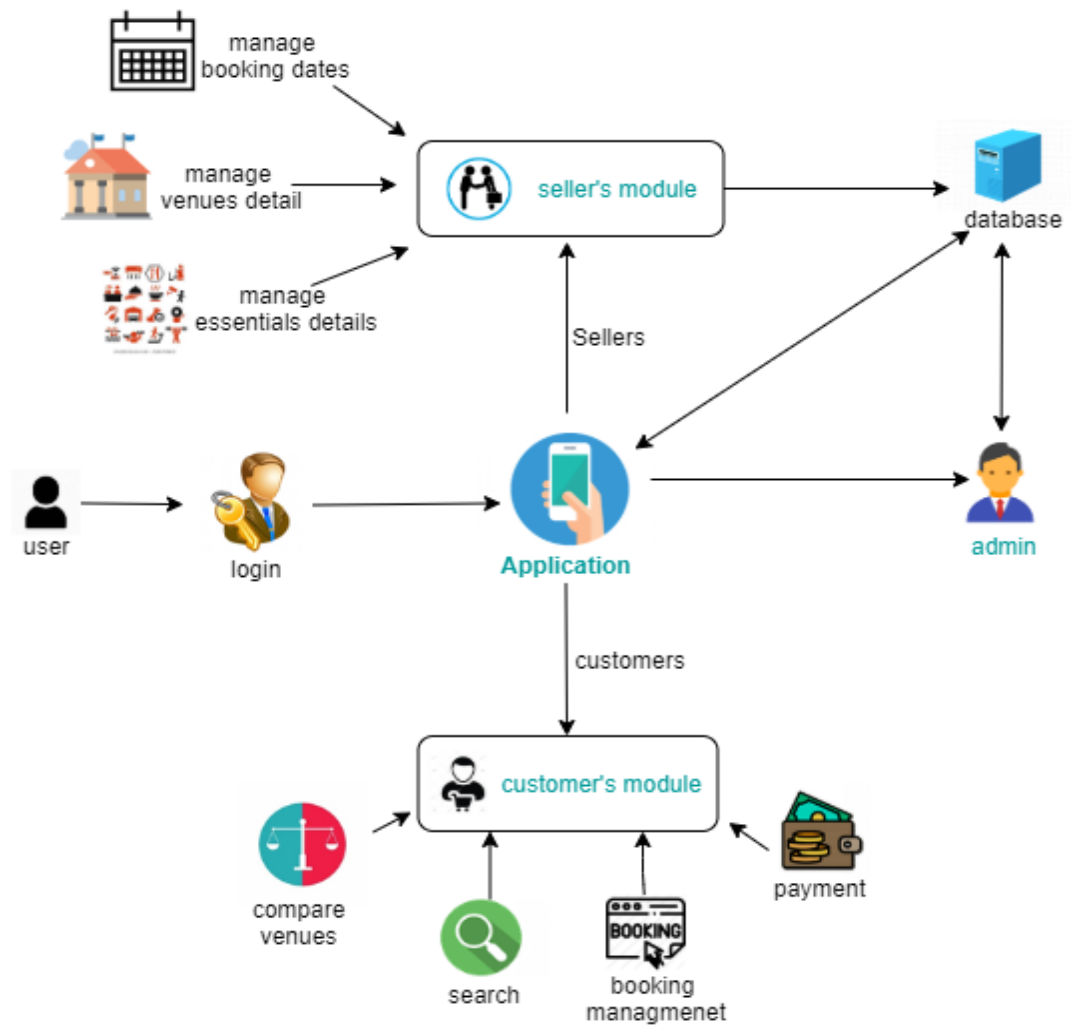


Figure 2: Architecture

14 GANTT CHART

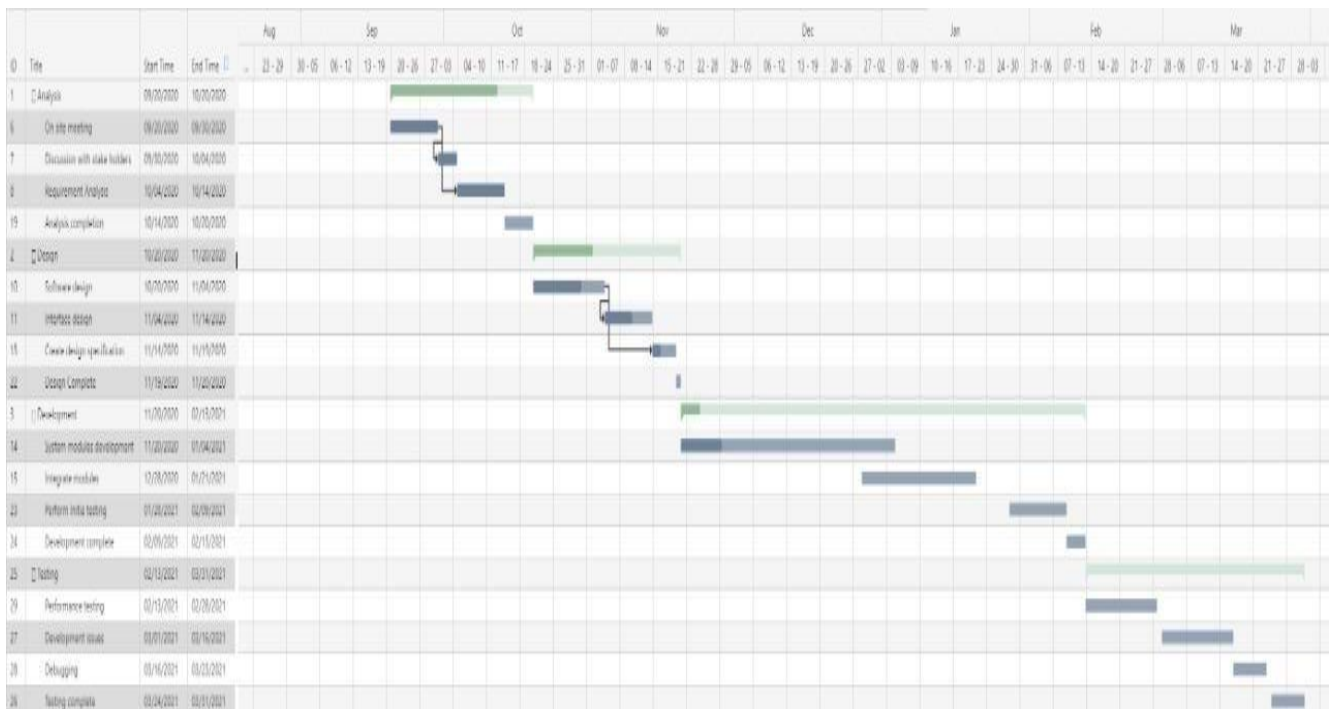


Figure 3: Gantt chart

15 MOCKUPS



Figure 4: Splash Screen

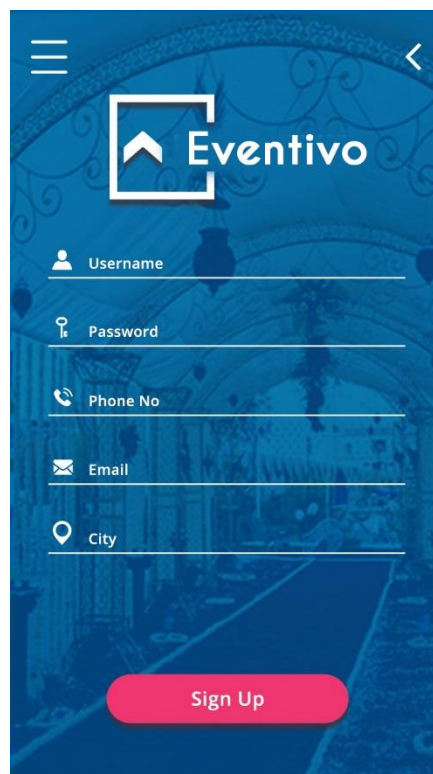
A vertical rectangular mockup of a sign-up form. The background is the same deep blue with the ornate pattern as the splash screen. At the top left is a white hamburger menu icon, and at the top right is a white back arrow icon. The Eventivo logo is centered near the top. Below the logo are five input fields, each with a white icon on the left and a label: "Username" (person icon), "Password" (key icon), "Phone No" (phone icon), "Email" (envelope icon), and "City" (location pin icon). At the bottom center is a red rounded rectangular button with the text "Sign Up" in white.

Figure 5: Sign Up

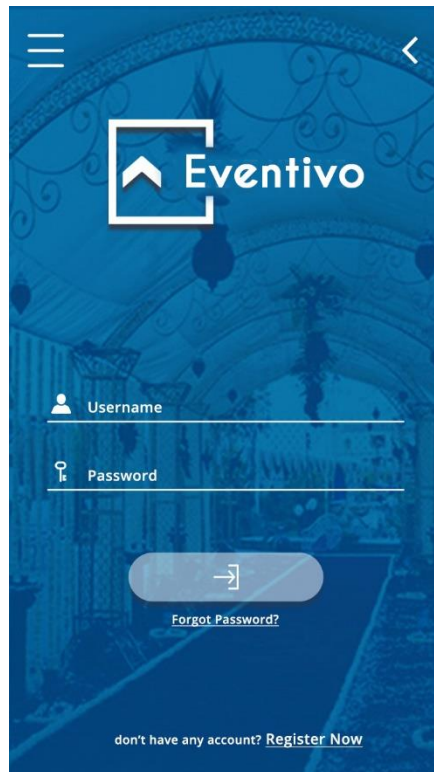


Figure 6: Sign in

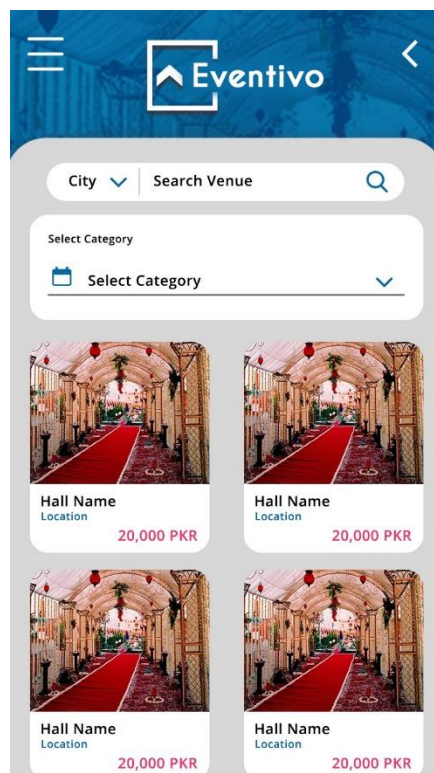


Figure 7: Categories

16 CONCLUSION

The implementation of Eventivo android Application is successfully discussed.

17 REFERENCES

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- 2) Bonde, D. J., Shende, R. S., Kedari, A. S., Gaikwad, K. S., & Bhokre, A. U. (2014, January). Automated car parking system commanded by Android application. In 2014 International Conference on Computer Communication and Informatics (pp. 1-4). IEEE.
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