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A MINI PROJECT REPORT ON

"ONLINE DJ MANAGEMENT SYSTEM"

Submitted in the partial fulfillment of the requirements for the Mini Project Work

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2023-2024

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Certificate

This is to certify that RAMESH KOUJALAGI (2TG21CG032),PRUTHVIRAJ ARAKERI (2TG21CG028), S RAJSINGH C DODDAMANI (2TG21CG030) AND SACHIN NAVI have satisfactorily completed the Project work entitled (2TG21CG035) "ONLINE DJ MANAGEMENT SYSTEM" prescribed by the Visvesvaraya Technological University, Belgaum for V semester Computer Science & Design during the academic year 2023-2024.

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Name of the examiners

Signature of the examiners

1.

2.

ACKNOWLEDGEMENT

The satisfaction that accomplishes the success of any work would be incomplete without people who made it possible, whose constant guidance and encouragement made this work perfect.

We cordial thanks to **Mr. LOHIT JAVALI** for his valuable guidance and precious suggestion. This helped me in all the way to complete this project successfully.

We wish to express our deep sense of gratitude to the **Principal DR. M.M. Awati** of Tontadarya College of Engineering, Gadag and H.O.D **Proj.Vijaykumar S M** of Computer Science and Design Department, Tontadarya College of Engineering, Gadag for all staff member of computer science and design department who encouraged us during our academic period.

Finally, We would like to convey our heartiest thanks to convey our friends and my beloved parents for their constant encouragement.

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CHAPTER 1

INTRODUCTION

1.1 INTRODUCTION

The objective of this application is to develop a system that effectively manages all the data related to the various DJ events that take place in a function. The purpose is to maintain a centralized database of all DJ event related information. The goal is to support various functions and processes necessary to manage the data efficiently.

1.2. Existing System

This existing system is not providing secure registration and profile management of all the users properly. This system is not providing on-line Help. This system doesn't provide tracking of users activities and their progress. This manual system gives us very less security for saving data and some data may be lost due to mismanagement. This system is not providing event management through internet. This system is not providing proper events information. The system is giving manual information through the event management executer.

1.3. Proposed System

The development of this new system contains the following activities, which try to automate the entire process keeping in the view of database integration approach. This system maintains user's personal, and contact details. This system will provide on line help and search capabilities. User friendliness is provided in the application with various controls provided by system rich user interface. Authentication is provided for this application only registered users can access. DJ event information files can be stored in centralized database which can be maintained by the system. This system provides the users to manage the DJ events systematically.

CHAPTER 2

SYSTEM ANALYSIS

2.1 FEASIBILITY STUDY

A feasibility study is a high-level capsule version of the entire System analysis and Design Process. The study begins by classifying the problem definition. Feasibility is to determine if it's worth doing. Once an acceptance problem definition has been generated, the analyst develops a logical model of the system. A search for alternatives is analyzed carefully. There are 3 parts in feasibility study.

2.1.1 Operational Feasibility

Question that going to be asked are Will the system be used if it developed and implemented. If there was sufficient support for the project from the management and from the users.

Have the users been involved in planning and development of the Project.

2.1.2 Technical feasibility

Does the necessary technology exist to do what is been suggested Does the proposed equipment have the technical capacity for using the new system? Are there technical guarantees of accuracy, reliability and data security? The project is developed on Pentium III with 128 MB RAM.

The environment required in the development of system is any windows platform.

The observer pattern along with factory pattern will update the results eventually.

The language used in the development is PHP, Apache Server and database as MySQL.

2.1.2 Economical Feasibility

To decide whether a project is economically feasible, to consider various factors as cost benefit analysis, long-term returns and maintenance costs.

2.2 FUNCTIONAL REQUIREMENTS

Functional requirement defines a function of a software system or its component. A function is described as a set of inputs, the behaviour, and outputs. Functional requirements may be calculations, technical details, data manipulation and processing and other specific functionality that define what a system is supposed to accomplish. Behavioural requirements describing all the cases where the system uses the functional requirements are captured in use cases.

The system after careful analysis has been identified to be presented with the following modules:

Online DJ Management System Module

In ODJMS project we use PHP and MySQL database. It has two modules.

1.Admin Module 2.User Module

1.Admin Module

- 1. Dashboard: In this section, admin can see all detail in brief like the total services, Total unread queries, Total read queries, Total new booking, Total Approved booking, Total Cancelled Booking and Total Event Type
- 2. DJ Services: In this section, admin can manage services (add/delete).
- 3. Type of Event: In this section, admin can manage event type (add/delete).
- 4. Pages: In this section, the admin can manage about us and contact us pages.
- 5. Booking: In this section, admin can view new, approved, cancelled bookings and also give a remark.
- 6. Contact us Queries: In this section, admin can view and maintain the Queries.
- 7. Reports: In this section, admin can view booking in a particular period.

2.3 NON-FUNCTIONAL REQUIREMENTS

• Performance Requirements:

Performance is measured in terms of the output provided by the application. Requirement specification plays an important part in the analysis of a system. Only when the requirement specifications are properly given, it is possible to design a system, which will fit into required environment. It rests largely with the users of the existing system to give the requirement specifications because they are the people who finally use the system. This is because the requirements have to be known during the initial stages so that the system can be designed according to those requirements. It is very difficult to change the system once it has been designed and on the other hand designing a system, which does not cater to the requirements of the user, is of no use.

The requirement specification for any system can be broadly stated as given below:

The system should be able to interface with the existing system The system should be accurate. The system should be better than the existing system

• Reliability:

In this system reliability means the mail which is send by the source must reach the target user with any modification and accurate.

• Security:

The web server and database server should be protected from hacking, virus etc.

• Portability:

The application will be developed using standard open source software like PHP, Apcahe web server, MySQL database, Internet Explorer Browser etc these software will work both on Windows and Linux o/s. Hence portability problems will not arise.

Availability:

This software will be available always.

• Maintainability:

In this system the presentation layer is clearly separated from the service layer. So any modification in future will be done with less effort. The database will be running at the server. Users access these forms by using the user-ids and the passwords.

CHAPTER 3

DESIGN

3.1 ER DIAGRAM:

The ER or (Entity Relational Model) is a high-level conceptual data model diagram. Entity-Relation model is based on the notion of real-world entities and the relationship between them.

ER modeling helps you to analyze data requirements systematically to produce a well-designed database. So, it is considered a best practice to complete ER modeling before implementing your database.

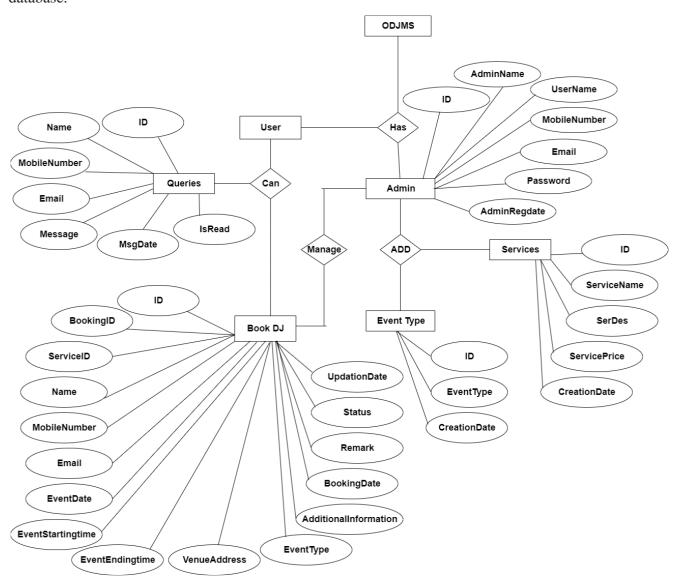


Fig 3.1: ER Diagram

The ER diagram shows Online DJ Booking management System, which contains the entities and attributes as follow.

 $ADMIN(\underline{ID}, AdminName, UserName, Mobile Number, Email, Password, AdminRgddate)$

BOOK_DJ(ID, <u>BookingID</u>, serviced, name, <u>MobileNumber, Email, EventDate, EventStartingtime, EventEndingtime</u>, VenueAddress, EventType, AdditionalInformation, BookingDate, Remark, Status, UpdationDate)

EVENT_TYPE(ID,EventType,CreationDate)

PAGE(ID,PageType,PageTitle,PageDescription,Email,MobileNumber,UpdationDate)

SERVICE(ID, ServiceName, SerDes, ServicePrice, CreationDate)

USER(<u>ID</u>,Name,MobileNumber,Email,Message,MsgDate,IsRead)

3.3 Tables

The data in the system has to be stored and retrieved from database. Designing the database is part of system design. Data elements and data structures to be stored have been identified at analysis stage. They are structured and put together to design the data storage and retrieval system.

A database is a collection of interrelated data stored with minimum redundancy to serve many users quickly and efficiently. The general objective is to make database access easy, quick, inexpensive and flexible for the user. Relationships are established between the data items and unnecessary data items are removed. Normalization is done to get an internal consistency of data and to have minimum redundancy and maximum stability. This ensures minimizing data storage required, minimizing chances of data inconsistencies and optimizing for updates. The MySQL Access database has been chosen for developing the relevant databases.

CHAPTER 4

IMPLEMENTATION

Online DJ Management System (ODJMS) contains 6 MySQL tables:

4.1 Admin Table

Table 4.1: Admin table description.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	AdminName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
3	UserName	varchar(120)	utf8mb4_general_ci		Yes	NULL		
4	MobileNumber	bigint(10)			Yes	NULL		
5	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	Password	varchar(120)	utf8mb4_general_ci		Yes	NULL		
7	AdminRegdate	timestamp			Yes	current_timestamp()		

4.2 Booking Table

Table 4.2:Booking table description.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	BookingID	int(10)			Yes	NULL		
3	ServiceID >>	int(10)			Yes	NULL		
4	Name	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	MobileNumber	bigint(10)			Yes	NULL		
6	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
7	EventDate	varchar(200)	utf8mb4_general_ci		Yes	NULL		
8	EventStartingtime	varchar(200)	utf8mb4_general_ci		Yes	NULL		
9	EventEndingtime	varchar(200)	utf8mb4_general_ci		Yes	NULL		
10	VenueAddress	mediumtext	utf8mb4_general_ci		Yes			
11	EventType 🔑	varchar(200)	utf8mb4_general_ci		Yes	NULL		
12	AdditionalInformation	mediumtext	utf8mb4_general_ci		Yes			
13	BookingDate	timestamp			Yes	current_timestamp()		
14	Remark	varchar(200)	utf8mb4_general_ci		Yes	NULL		
15	Status	varchar(200)	utf8mb4_general_ci		Yes	NULL		
16	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

4.3 Event type table

Table 4.3:Event table description.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	EventType 🔎	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	CreationDate	timestamp			Yes	current_timestamp()		

4.4 Page table

Table 4.4:Page table descripton.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	PageType	varchar(100)	utf8mb4_general_ci		Yes	NULL		
3	PageTitle	mediumtext	utf8mb4_general_ci		Yes			
4	PageDescription	mediumtext	utf8mb4_general_ci		Yes			
5	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
6	MobileNumber	bigint(10)			Yes	NULL		
7	UpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

4.5 Service table

Table 4.5: Service table description.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑 🔊	int(10)			No	None		AUTO_INCREMENT
2	ServiceName	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	SerDes	varchar(250)	utf8mb4_general_ci		No	None		
4	ServicePrice	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	CreationDate	timestamp			Yes	current_timestamp()		

4.6 Booking table

Table 4.6:Booking table description.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	id 🔑	int(11)			No	None		AUTO_INCREMENT
2	BookingId	bigint(12)			Yes	NULL		
3	Userld	int(11)			Yes	NULL		
4	EventId	int(11)			Yes	NULL		
5	NumberOfMembers	int(11)			Yes	NULL		
6	UserRemark	mediumtext	latin1_swedish_ci		Yes	NULL		
7	AdminRemark	mediumtext	latin1_swedish_ci		Yes	NULL		
8	UserCancelRemark	mediumtext	latin1_swedish_ci		Yes	NULL		
9	BookingDate	timestamp			Yes	current_timestamp()		
10	BookingStatus	varchar(100)	latin1_swedish_ci		Yes	NULL		
11	LastUpdationDate	timestamp			Yes	NULL		ON UPDATE CURRENT_TIMESTAMP()

4.7 User table

Table 4.7: User table description.

#	Name	Туре	Collation	Attributes	Null	Default	Comments	Extra
1	ID 🔑	int(10)			No	None		AUTO_INCREMENT
2	Name	varchar(200)	utf8mb4_general_ci		Yes	NULL		
3	MobileNumber	bigint(10)			Yes	NULL		
4	Email	varchar(200)	utf8mb4_general_ci		Yes	NULL		
5	Message	mediumtext	utf8mb4_general_ci		Yes			
6	MsgDate	timestamp			Yes	current_timestamp()		
7	IsRead	int(5)			Yes	NULL		

CHAPTER 5

RESULT

5.1 Sign In

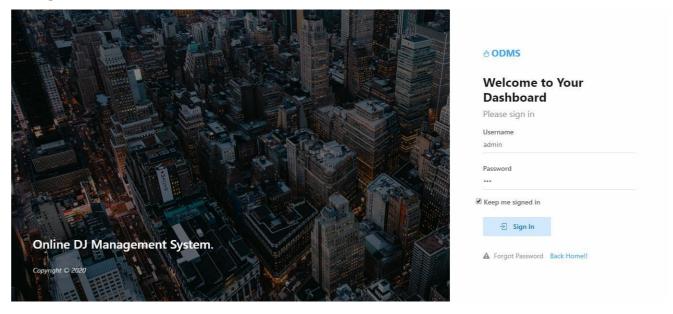


Fig 5.1:Sign in Page.

5.2 Dashboard

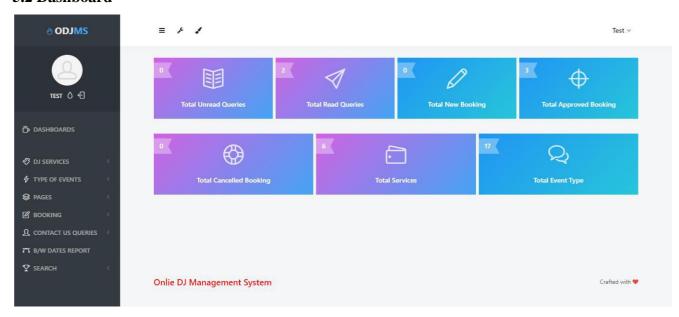


Fig 5.2:Dahboard Page

Admin can see all detail in brief like the total services, Total unread queries, Total read queries, new booking, Total Approved booking, Total Cancelled Booking, and Total Event Type.

5.3 Profile

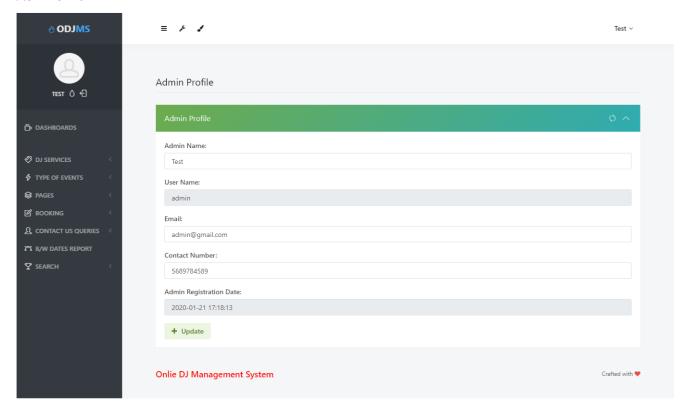
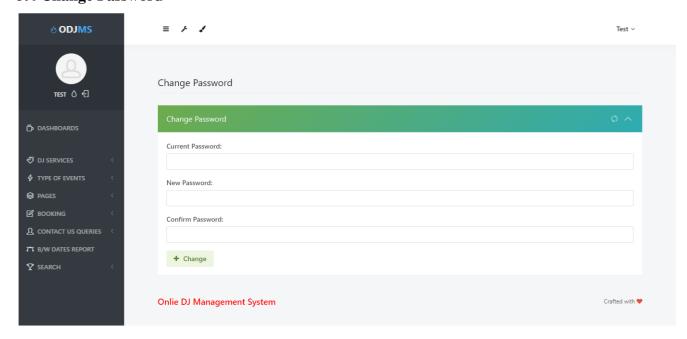


Fig 5.3 Profile

5.4 Change Password



The fig 5.4 Change password

5.5 Add Services

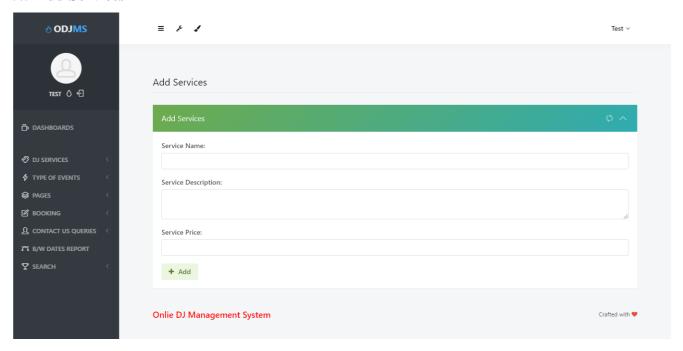


Fig 5.5: Add services

5.6 Manage Services

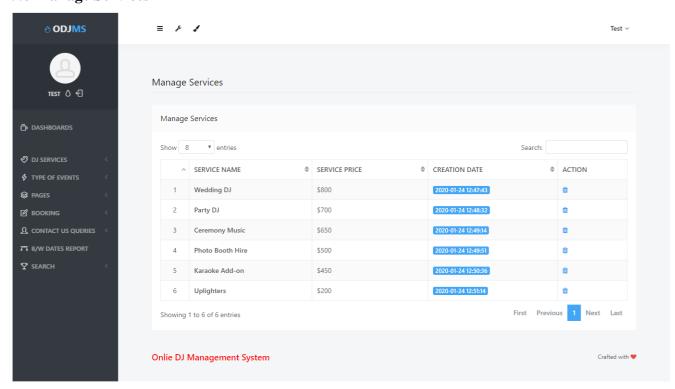


Fig 5.6:Manage services

5.7 Add Event Type

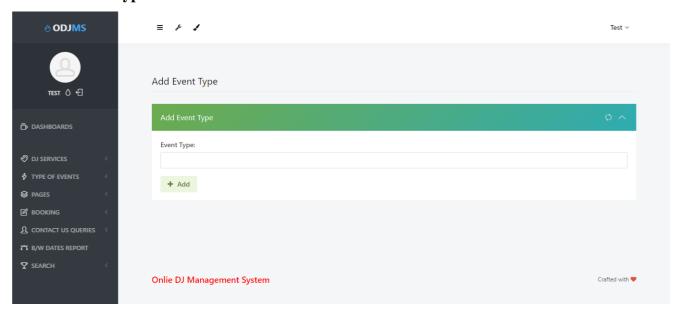


Fig 5.7:Add event type

5.8 Manage Event Type

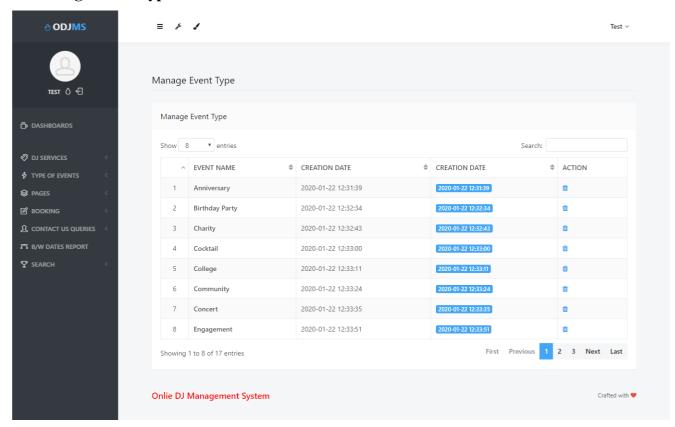


Fig 5.8:Manage Event type

5.9 Update about Us

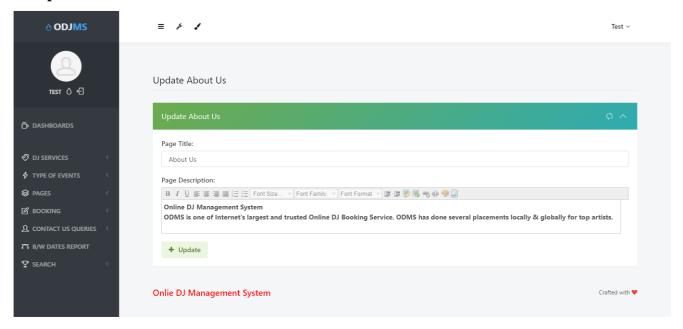


Fig 5.9:Update about us

5.10 Update Contact Us

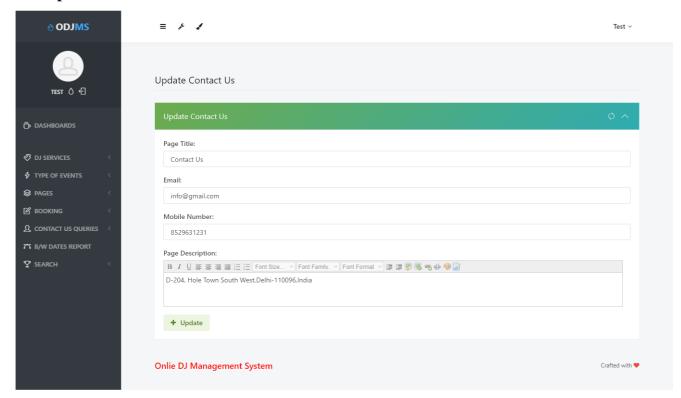


Fig 5.10:Update Contact us

5.11 New Booking

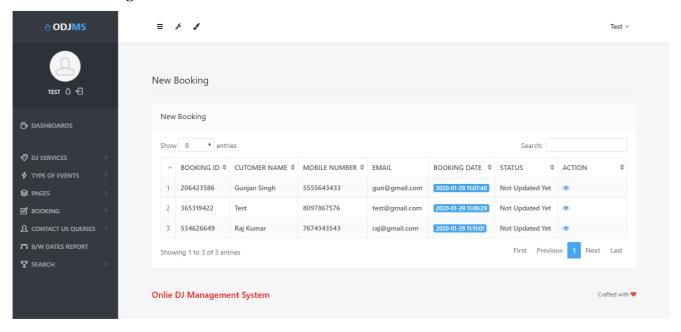


Fig 5.11:New booking

5.12 View Booking

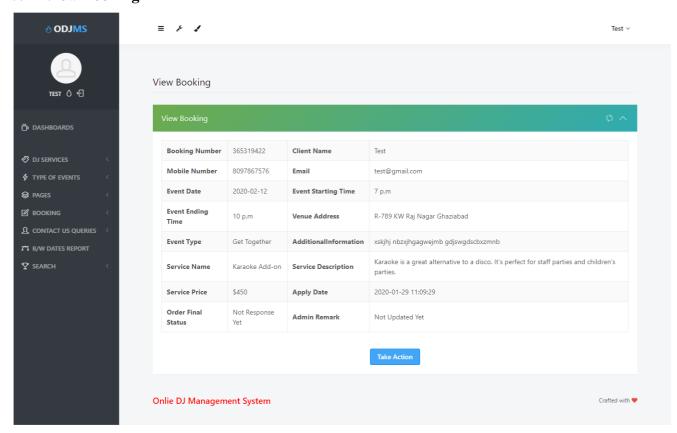


Fig 5.12: View Booking

5.13 Update Remark

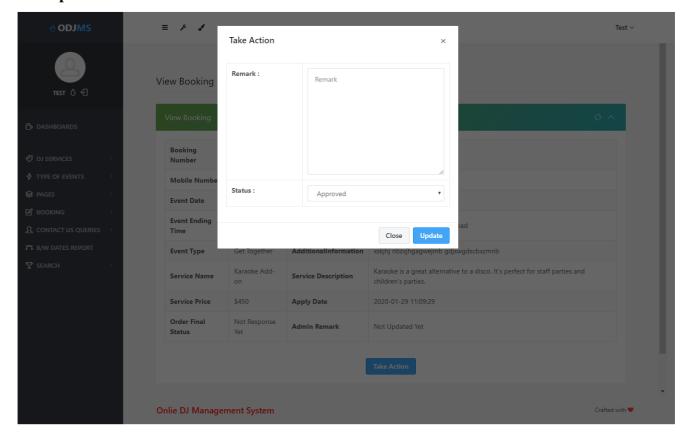


Fig 5.13:Update Remark

5.14 Approved Booking

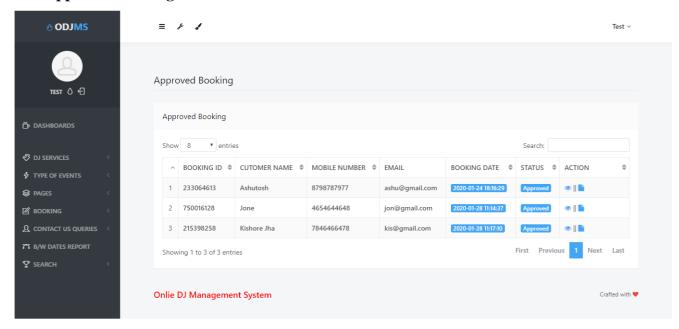


Fig 5.14:Approved Booking

5.14 View Approved Booking

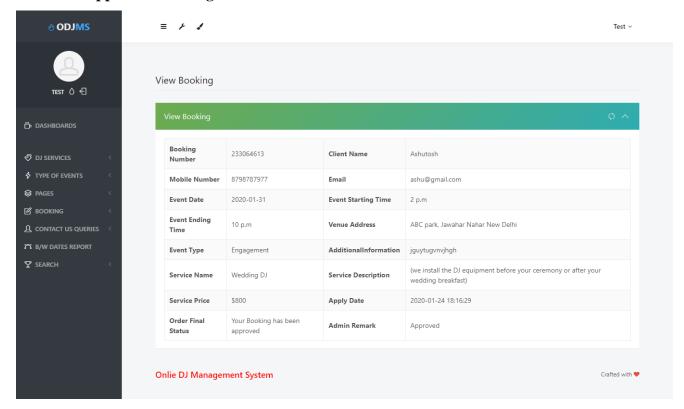


Fig 5.14: View Approved Booking

5.15 View Invoice

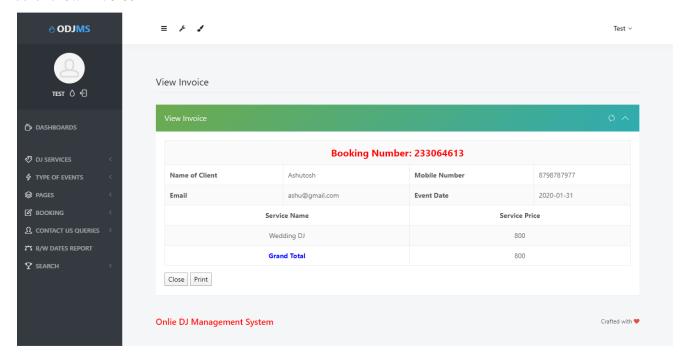


Fig 5.15:View Invoice

5.16 Cancelled Booking

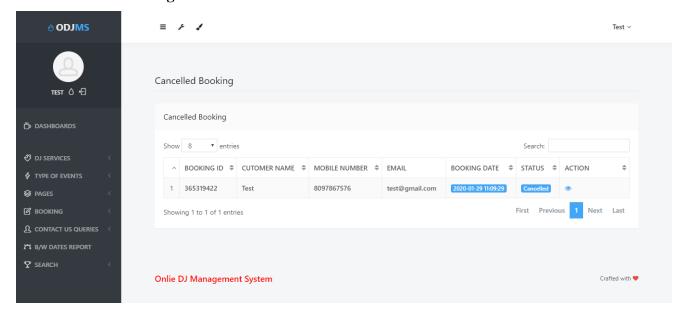


Fig 5.16:Cancelled Boking

5.17 View Cancelled Booking

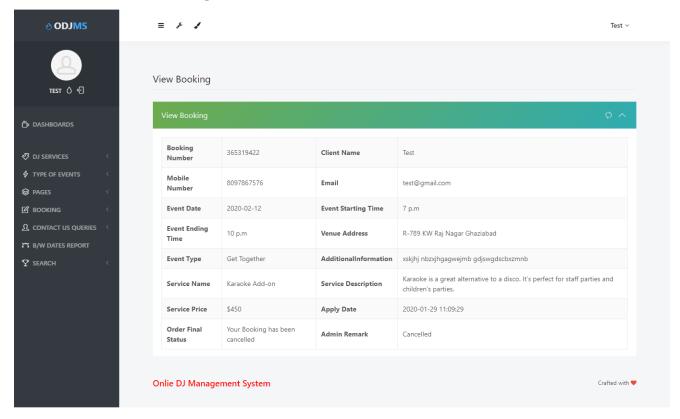


Fig 5.17:View cancelled Booking

5.18 All Booking

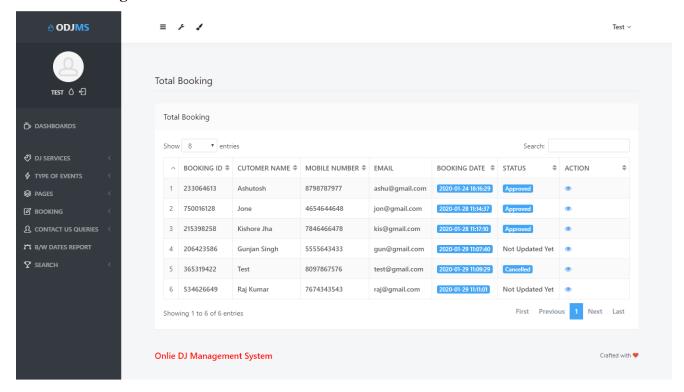


Fig 5.18:All Booking

5.19 Unread Queries

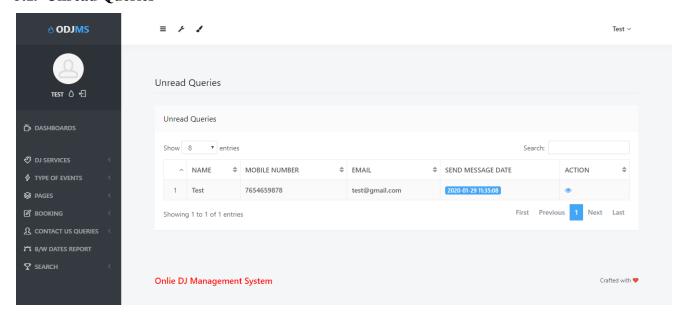


Fig 5.19:Unread Queries

5.20 Read Queries

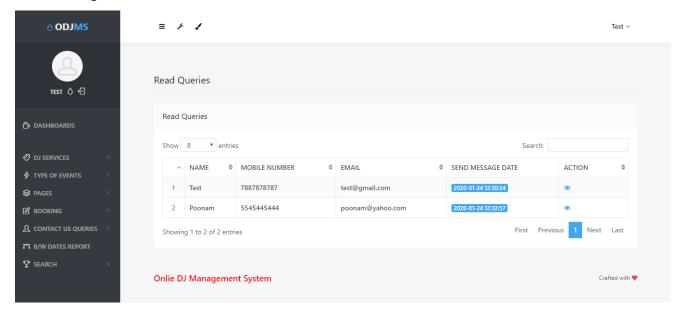


Fig 5.20:Read queries

5.21 View Queries

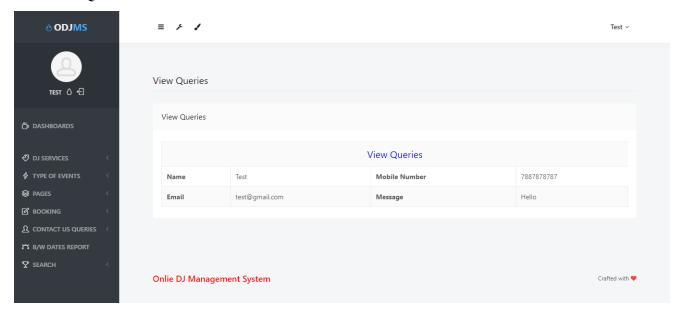


Fig 5.21:View Queries

5.22 Between Dates Report

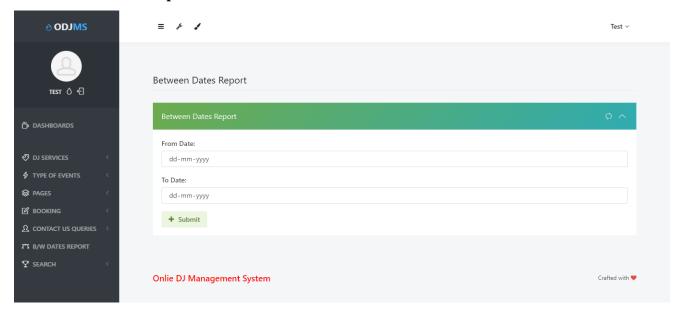


Fig 5.22:Between Dates Report

5.23 Between Dates Report Details

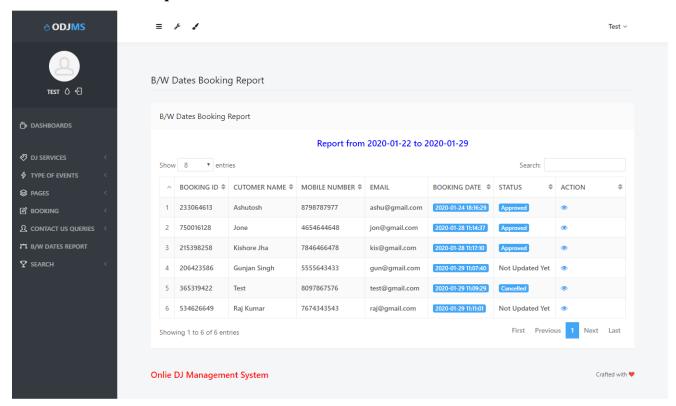


Fig 5.23:Between Dates Report Details

CONCLUSION AND FUTURE ENHANCEMENT

The "Online DJ Management System" was successfully designed and is tested for accuracy and quality. During this project we have accomplished all the objectives and this project meets the needs of the organization. The developed will be used in searching, retrieving and generating information for the concerned requests.

GOALS ACHIVIED

- ✓ Reduced entry work
- ✓ Easy retrieval of information
- ✓ Reduced errors due to human intervention
- ✓ User friendly screens to enter the data
- ✓ Portable and flexible for further enhancement
- ✓ Web enabled
- ✓ Fast finding of information request

REFERENCES

www.w3schools.com

- [1]*php.net*
- $[2] {\it en. wikipedia.org/wiki/PHP}$
- [3] www.hotscripts.com/category/php/
- [4] www.apache.org