

FUNCTION HALL BOOKING

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Abstract: The Project entitled as “MOBILE APPLICATION DEVELOPMENT” at NLC India Ltd Neyveli. A Mobile application for Function Hall Booking provides the searching facilities based on various factors. Employee from various units working around Neyveli Township avail Leave/Permission for Booking/Viewing function hall Booking Status. It is used to develop application for searching the availability of Function halls. This is used to check the availability of hall hence we need not go and visit the place. The user should have wasted his/her time and the money to search for hall. Information of each and every hall is stored in database. The application which is developed will access the function hall booking system database and fetch the status instantly whenever the user want to view the booking status. The main objective of the Function hall booking management system is to manage the detail of payment, booking customers and viewing hall.

Keywords: Application base, individual's hall, inventory, administrative end.

I. INTRODUCTION

We can easily get the list of function halls in Neyveli. We have a detailed information for some particular hall but we cannot get the availability about hall .So background behind this application is that it gives a block wise listing

of hall with the detailed information and also display for particular date of each and every hall is available or not, Hence the user can directly access to the payment from the bank account. In previous they cannot able to book the halls online, now this hall booking application is designed to overcome the disadvantage of previous system.

This is a special type of app to easily get the information of all Wedding Halls in Neyveli which display separate calendar for separate Hall. For particular date we can see the availability of Hall as well as Lawns detailed information about individuals Hall in our App. To understanding there quirements and new generation capabilities we have chosen “HTML & CSS” as front-end and “PYTHON” as back-end. Python is an interpreter, high-level, general-purpose programming language. Python has a design philosophy that emphasizes code readability, notably using significant whitespace. It provides constructs that enable clear programming on both small and large scales.

Benefits- User can view the availability status of Function Hall. They need not avail Leave/Permission to check availability of Function hall in Township administrative Office. We can update any details whenever it has been changed.

II. EXISTING SYSTEM

Employee from various units working around Neyveli Township avail Leave/Permission for Booking/Viewing Function Hall Booking Status. Currently Online (INTRANET) Function Hall Booking Status, Viewing facility is available in Township Administrative (TA) Office Web Portal. Employee/Non-Employee can view the Function hall status only by the Intranet available in TA.

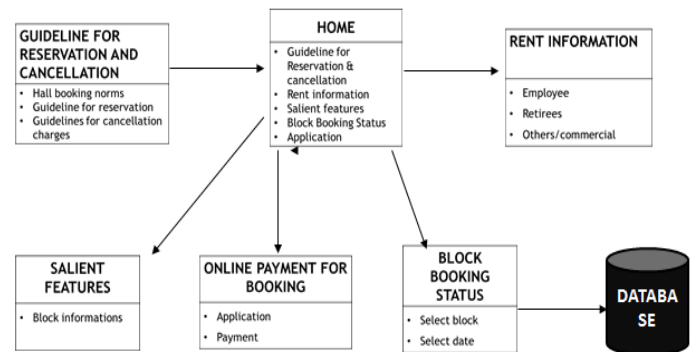


Fig.2. Data Flow Diagram

III. PROPOSED SYSTEM

The main objective of the hall booking management Application system is to manage the detail of payment, booking customers and viewing hall. User can view the detailed information about each and every function hall, then they want to go for hall booking by selecting the Hall and date in calendar it will fetch the information about hall and describe whether the hall is available or not in that particular date from Database and the User will directly do the payment on online to the bank account.

IV. IMPLEMENTATION

The implementation of this project contains the following modules:

- Home
- Guideline for reservation and cancellation
- Rent Information
- Salient Features
- Booking Status
- Online Payment

Home:

In Home Module it contain information about NLC India Limited Township administrative office. In Home Menu we have Sub Menus.

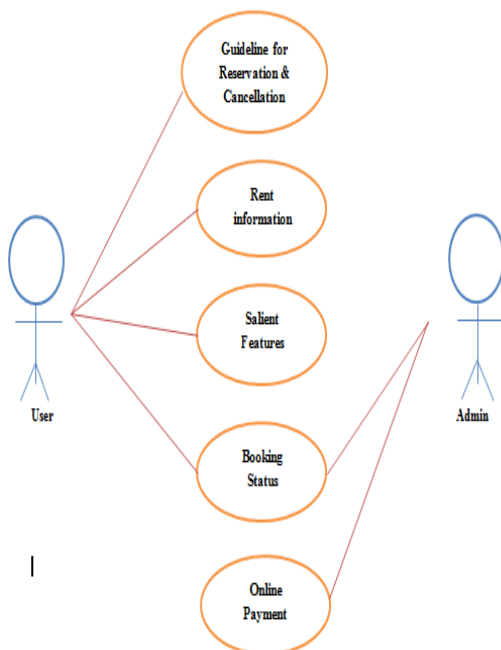


Fig.1. Use Case Diagram



Fig.3. Home Page

Guideline for Reservation and Cancellation:

People can view the Instruction about Function Hall booking Norms, Guideline for Reservation, and Guideline for Cancellation Charges.

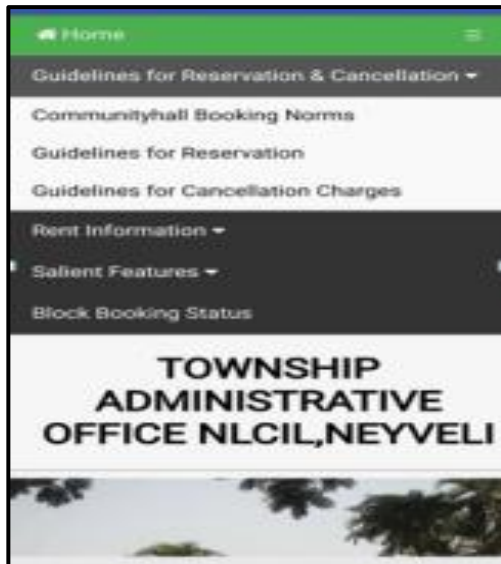


Fig.4. Guideline for Reservation Status

Rent Information:

It is categorized in 3 ways such as Employee, Non-employee & Retires. Each has rent information for separate function halls.

For Employees		
Community Hall Name	Rent *	Deposit
Block 8	₹ 4000	₹ 4000
Block 10	₹ 4000	₹ 4000
Block 10 Mini	₹ 1000	₹ 1000
Block 16	₹ 7000	₹ 7000
Block 20 EGH	₹ 1000	₹ 1000
Block 24	₹ 15000	₹ 15000
Block 27	₹ 2000	₹ 2000
Block 29	₹ 2000	₹ 2000

* denotes rent plus applicable taxes

Back

Fig.5. Rent information

Salient Features:

Details about the seating capacity and features of each and every Halls. It can be classified into 8 Blocks they are.

- Block-8
- Block-10
- Block- 10 Mini
- Block-16
- Block- 20 EGH
- Block- 24
- Block- 27
- Block-29

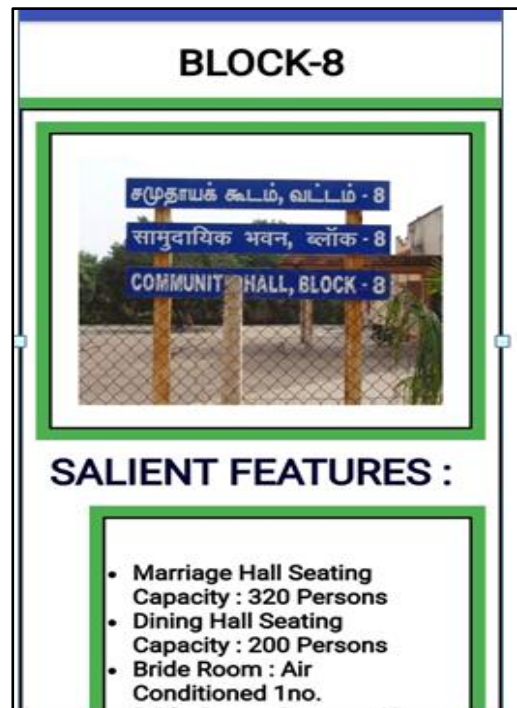


Fig.6. Salient Feature

Block Booking Status:

People can be able to view the vacancy of the Hall and select the date they need. If they confirmed their Hall and Date, then they can proceed for Application.

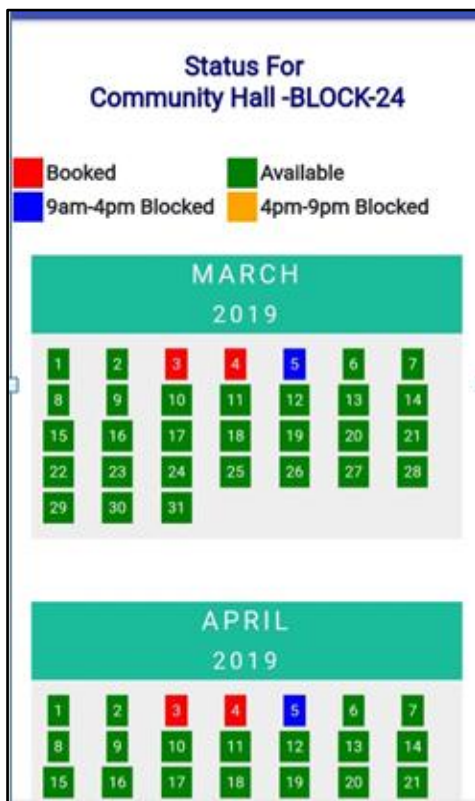


Fig.7. Block Booking Status

After the Application Process is Completed, The user can directly access to the payment from the bank account.

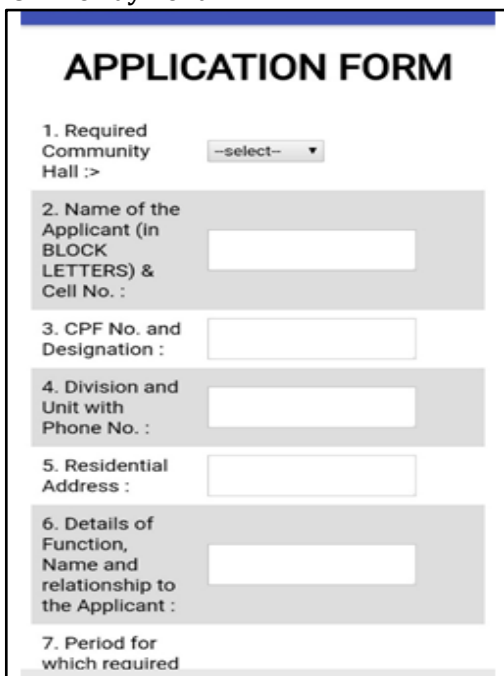
V. CONCLUSION

After Completion of the Project, The Application Which is Developed will access the Function Hall Booking System Database and fetch the Status Instantly Whenever the user Wants to view the booking Status. The user can directly access to the Payment from the bank Account.

VI. REFERENCE

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Online Payment:



The screenshot shows an 'APPLICATION FORM' with the following fields:

- Required Community Hall :-
- Name of the Applicant (in BLOCK LETTERS) & Cell No. :
- CPF No. and Designation :
- Division and Unit with Phone No. :
- Residential Address :
- Details of Function, Name and relationship to the Applicant :
- Period for which required

Fig.8. Online Payment