

**Conference Hall Booking System Using Android**

booking use android development

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**Abstract** —Conference hall booking in need for any company or big business for important meeting purpose or some multinational companies may need this for on-line meetings. So for this need of Conference hall at the time of meetings is very necessary. And is not available every time that on time you will get the Conference hall available. so for user we creating the Android app. The Conference hall Manager is responsible for day-to-day management of conference hall. This many included the following: accepting and declining meetings, relocating hall, approving conference hall and set-up request. Meeting Organizers are responsible to creating and deleting meetings request through the scheduling system. They are also required to contact the CHM with special requirements. Meeting Participants are required to attend the meetings during the scheduled time allotted, leave the Conference hall in good condition, and notify CHM of any issues found in the Conference hall.

**Keywords**- Conference hall Manager (CHM), Android Development, SMS gateway, Bootstrap.

**I. INTRODUCTION**

The **Conference** Booking System (CBS) is an platform for booking Conference in the co-operate. It aims to provide an efficient and convenient way for booking Conference hall for all the individual persons are involved. Who managing the service, the entire flow of the booking system will not be greatly affected by the absence of important individuals. (Example: Suppose that the building administrator or the Department Chair of the building, whose approval is needed for the Conference hall booking, is out of the country then they can still fulfill their duties.) It also aims to prevent issues caused by human error can easily be avoided by the admin, like preventing conflicting booking. This project also aims to be extended to a bigger scope being deployed throughout the College of Engineering and providing a uniform booking system for the entire college in future.

CHB categorizes by its capacity, equipment in Conference hall, and location. There are two conference hall types: Meeting hall (MH), Conference hall (CH), Video Teleconference hall (VTC). These Conference hall types should be requested based on varying capacity, equipment, and set-up styles. In each case, users should consider their needs and ensure the Conference hall will support their requirements.

**II. GOAL AND OBJECTIVES**

- Conference are indispensable events in every organization where people can simply share knowledge and information or discuss for important decisions. To facilitate those activities we purpose Android app, "Conference hall Booking System".
- The management and booking of Conference hall in large co-operate buildings is a complicated task. The combination of different Conference hall with different sizes and equipment, the possibility to choose between different dates and times is the reason why a good booking system is needed to make this task as easy as possible. The basic functionality of the system is to keep track of Conference hall in single co-operate buildings, Conference hall and their equipment, booking of Conference hall and different types of users. Booking of the Conference hall should be visualized to the user in a simple way. There should be a simple way of getting an overview of the booking. A booker should be able to book and cancel his/her own bookings and should be able to search for a Conference hall with a certain property. One type of user should only be able to look at existing booking and not be able to book Conference hall. The system should be a complete content conference management system for handling the booking of Conference hall, buildings, equipment and users.

**III. EXISTING SYSTEM**

In previous existing system person should have to wait to Conference hall and booking and if Conference hall is book then that person have to go another hall for booking. In case of emergency many time Conference hall is not available and also waste of time & money. After this many websites are developed to overcome this problem. Now previous system goes hotel and check Conference hall then capacity this are time wasting.

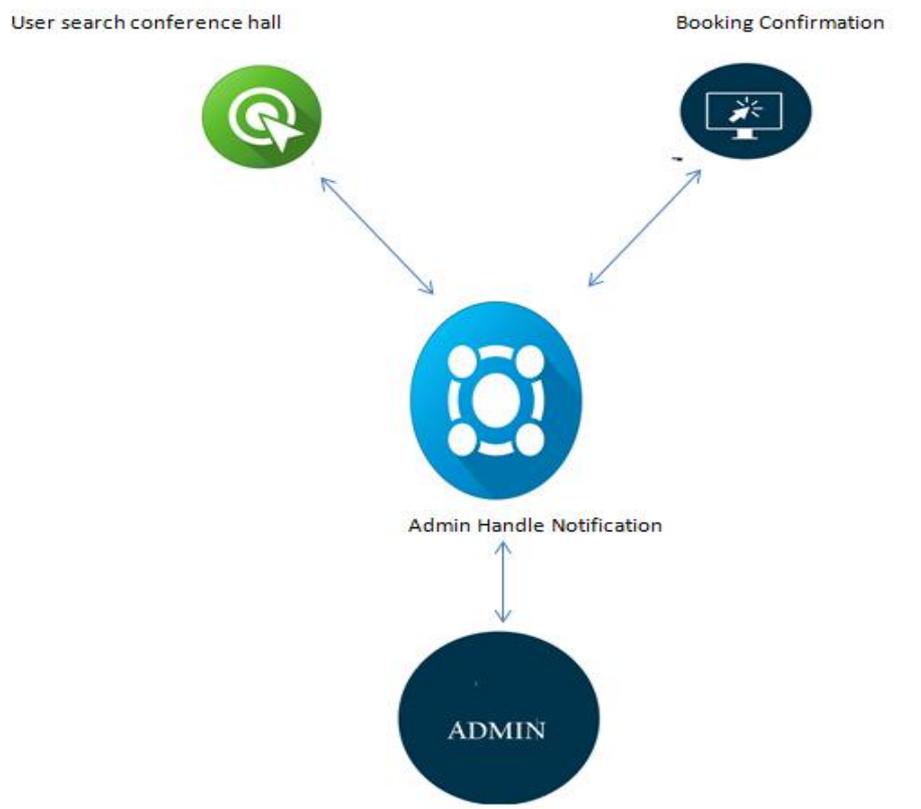
#### **IV. PROPOSED SYSTEM**

To improve existing system we will create a new system to book Conference hall with customer requirement. We will create the Android app that is Conference hall Booking System with video and audio options. Tele conferencing Hall Capacity and setup. Also add a virtual calendar to show booked dates and time. Change the color after Conference hall booking. This technology we are use sms booking and time to time notification. In this app also online check all internal co-operate Conference hall available or not. This technology choice criteria more than more and this technology time saving.

The system that has been created is a very good prototype, almost a complete Conference hall booking system. It has functions for handling users with different permissions, it shows the reservation of Conference hall s in an intuitive way and has a fully administrative web-based. The schedule over the booking (week-view) which is an easy to use for managing Conference hall booking. The basic idea is that a gray color is shown when a Conference hall is occupied and an red color is shown if the booking is made by the current logged on user. And to make a reservation the user just fills in the check boxes for the actual time and date to book and then pushes the book button to confirm the booking. A user that don't know which Conference hall to book can use the Conference hall search function. This search function for Conference hall's in all buildings or in a specific location. The user then specifies what requirements he/she has on the Conference hall. The resulting Conference hall s from the search can then directly be connected to the week-view making it easy for the user to make a booking on that Conference hall . The system has an complete administrative interface. The administrator can manipulate the whole database from the web-based. Functions for adding, deleting and editing existing or new topless for each table exists. These functions makes it easy for an administrator to manage the system. The administrator can also book and cancel booking for any user that has the privilege to book Conference hall. As an administrator it is also possible to get information about the booking done by other users through the booking search function. One limitation of this search function is that it is not possible to search for booking over a period of days, only on a specific day. This limitation is due to lack of time and could easily be fixed.

#### **4.1 ARCHITECTURE**

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Architecture Diagram Conference hall System

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## **V. ADVANTAGES**

- Easy to booking Conference hall booking.
- Save time of user to book conference hall.
- Android App provides the provides the user friendly screens for Data Entry.
- Online Check Fast Conference hall Available are not.

## **VI. CONCLUSION AND FUTURE SCOPES**

The conference room booking system allows people to book the Conference hall Across multiple departments or other resources. The goal of this project is to book Conference room seats for auditors and providing the response to user by sending the notifications through mail. This includes shared calendar management, unlimited users, remote device management etc. Booking is done on the bases of time or period. It can flexible for repeating booking It is cost effective project and can be used in many organizations.

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