

# Conference room booking system

## Problem statement:

In every organization there is a need for meeting and conference rooms, to conduct various events. With the bookings being one-time or periodic by multiple users it is very difficult to manage concurrency.

## Objective:

An efficient, user-friendly and real time system is required to reserve the hall beforehand and make the information available to others to check the status of the hall before booking.

## Abstract:

The conference room web portal allows users to book conference rooms across multiple organizations and establishments. It is a web based system, available from any workstation through a browser. It is simple to follow with flexible repetitive bookings based on a First-Come-First-Serve model and authentication with the existing user database. Ensures that conflicting

entries cannot be entered. Multiple authentication levels (user, admin).

The system also supports ad hoc meetings by providing real-time availability of meeting rooms to users.

As an extra feature that can be added in the future releases, there can be a priority based booking included that will allow the user with a higher priority to book the room instead of the lower priority user if they try to book at the same time.

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