

# **PROJECT PROPOSAL**

[Room Management System]

Course:CSE427

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# 1. Summary

By using this project, admin will be able to book room for different faculties of different courses or for seminar or for any club of the institution. Admin will be able to check if there are any empty rooms or the list of booked rooms. At the very beginning of the project, a login page will be appeared for the admin thus no one else will be able to access to the project.

## 2. Introduction

It is always difficult to keep record of reserved rooms in such a large institution. So in order to keep track of such information, we can use a system where all the information related to rooms of the institutions will be available. These information will include the faculty by which the rooms is reserved or the club or seminar team by whom the following room or rooms are reserved. Thus the user will be able to reserve any room at any time by checking if there is any empty room or not. So the time will be saved and it will be easier to find one to reserve.

### 3. Procedures

At first, User have to login in the system by using the accurate username and password. Every time the user will input wrong username or password, it will give alert to use right one. After successfully logging in, user will get access the access to reserve room for different purpose like for faculties for courses, for clubs or for seminar held the institutions. Also, the user will be able to check if there is any room empty or not. The whole thing will be done by using JAVA and the unit test will be done using JUnit.