**Management of Classrooms of an Institution using Real-time Cloud Database**

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**1. Introduction –**

**Problem description**

Large institutions don’t have a single classroom assigned to a particular group of students. It is difficult to manually manage and maintain a huge number of classroom and its booking records. Sometimes, the teachers and students cannot access classrooms due to poor management policies, manual errors and inability to process large amount of information. Even in IUT, we often face scenarios where CRs are struggling to find a classroom for a quiz or extra class at a particular time.

**Project Description**

Our project is a real-time **MANAGEMENT INFORMATION SYSTEM (MIS)** for classrooms that can be accessed, updated and administrated by multiple categories of users from anywhere.

**Potential Users**

Students, Teachers, Staff, Administration of an Institution

**2. Goals and objectives**

**Objectives:**

* Access and book classrooms at a particular time along with schedule-booking
* Search and book classrooms based on our requirements according to the classroom features
* Access and modify records booked by a user
* Access control for different category of users

**Scope of this project:**

* Real Time Cloud-based Database
* Graphical User Interface for Online access

We plan to achieve our objectives by utilizing principles taught in our System Analysis and Design class along with our own dedication and hard work.