Project Title: A database design to keep track of the **Campus Housing System**.

Problem Statement:

The Campus Housing System wants to create a database to keep track of the Management system which consists of **five** major entities viz. Dorms, Residents, Management Admin, Proctors, and Police Department. The Campus Housing System **helps** schools to **manage** on-campus housing and regulates the management hierarchy in a properly aligned fashion.

Objectives:

In the Campus Housing System, Admin can allocate students to specific dorms based on the availability of the student. Also, the proctor allocation takes place automatically at the first instance of every week.

The **hierarchy** goes as follows:

- Dorms are supervised by Proctors.
- Management Admin supervises Proctor and Dorms.
- The Police Department manages Residents, Dorms, Proctors, and Admins in case of emergencies.
- Residents' entries are handled by Proctors.
- Also, Proctors manage Guests in Dormitories.
- Utilities like Laundry, Gym, Kitchen, Break Rooms, Study Rooms are supervised by Proctors.

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