Project Part I

Group Number 13

*Residential Assistant Database*

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A Residential Assistant, or RA, are a cornerstone of the residence hall experience, and is one of the most rewarding jobs to have during a college career. There are cons however to the experience, and one being resident management. There is no real “system” to keep track of the student residents you are responsible for, and this can add stress to an already stressful position. Developing a simple, clean, easy to use database can help keep track of a multitude of students all while being able to effectively help all Residential Assistants, but even the Administration.

Things to track:

Student name –

Keeping track of the student name is essential, knowing who is living on the floor, and building, is important. (need more)

Student ID –

This will also help identify all students living in the building/floor.

Student Floor and Room Number –

Floor and Room in which student occupies.

Student Organizations

Organizations and clubs’ students belong too.

Requirements

* For each student:
  + - studentID (unique)
    - studentName(composed of first and last name)
    - studentOrg
    - buildingID(fk)
    - roomID(FK)
    - year
    - major?
* for each RA:
  + - raID(unique)
    - studentID(FK)
* For each dorm:
  + - buildingID(unique)
    - roomID(unique)
    - roomcount
    - floorcount
* Organization:
  + - orgID(unique)
    - studentID(fk)
* Each Dorm has one or more floors.
* Each floor has many rooms.
* Each room is either full, has one student, or no students.
* Each Dorm has many rooms.
* Each student has one room.
* Each student has one or many organizations
* Each Dorm has one or many RA?
* Each floor has on RA?
* RA oversees one or many students
* Student overseen by one RA