HousingInHUNTS

Group 9 project

Project name: HousingInHunts

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Apartment Homes

For our project we will create a website for apartment housings in Huntsville. The area that this website will only cover housing locally. Our database will include Student information, supervisor information, floor plans, apartment units, prices, ETC. Majority of the apartments that will be listed will be available to students as well as civilians of Huntsville. Upon loading into the website there will be a survey option that will ask the student what he/she prefers in an apartment complex. After the survey is filled out the website will continue searching for the best options around the area.

The following tables include
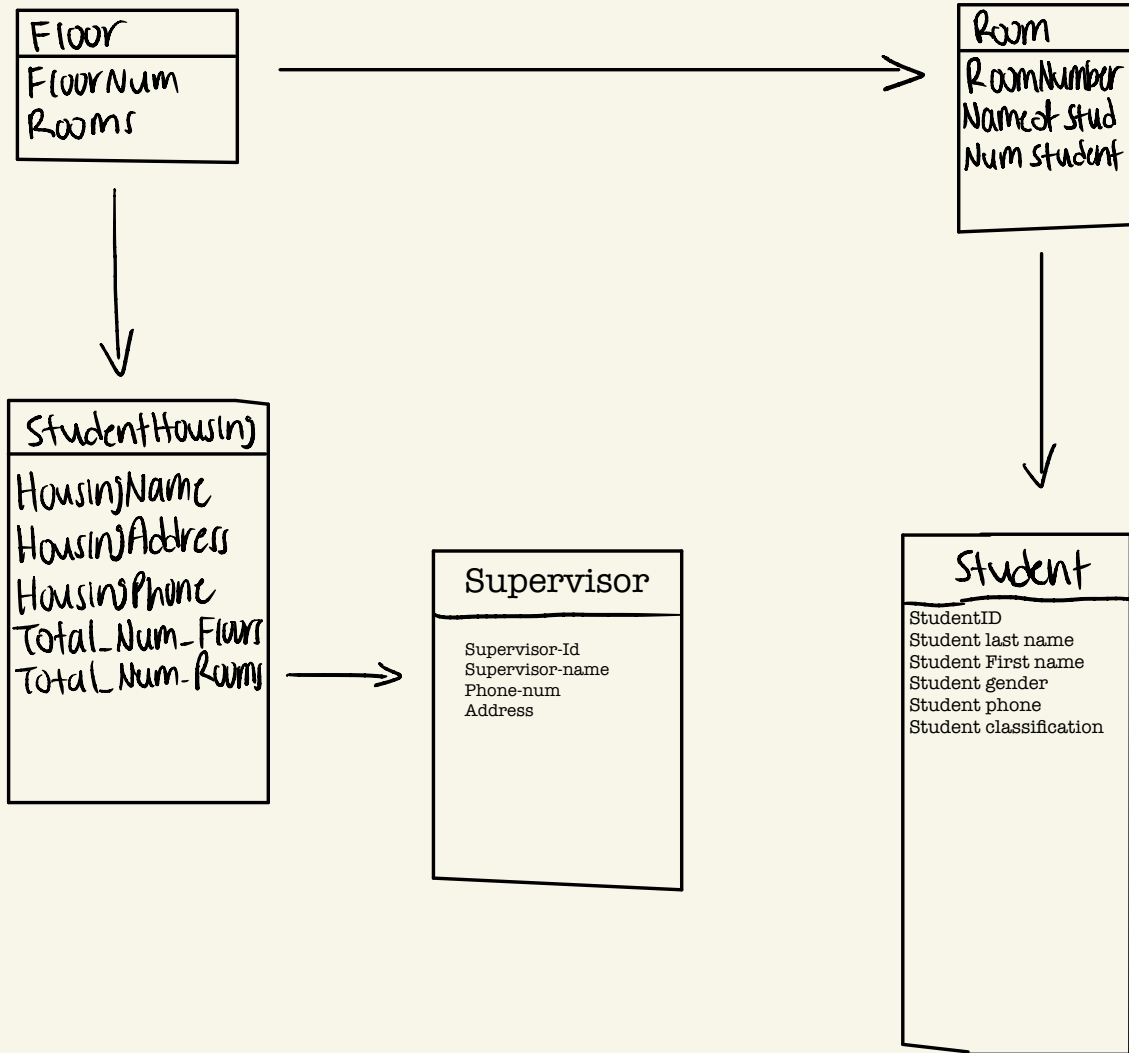Floor_table(floorNum, Room_number)
Room_table(room_number, name_of_student, studentID)
student_table(studentID, student_fname, student_lname, gender, phone, house_ID)
supervisor_table(sID, name, phone, address, house_ID)
student_housing_table(house_id, address, phone, num_of_floors, total_rooms)

Use-case diagram

Floor

FloorNum
Rooms

Room

RoomNumber
Name of Stud
Num student

Student Housing

HousingName
HousingAddress
HousingPhone
Total_Num-Floors
Total_Num-Rooms

Supervisor

Supervisor-Id
Supervisor-name
Phone-num
Address

Student

StudentID
Student last name
Student First name
Student gender
Student phone
Student classification

2. For our database management system we will use MySQL

3. Majority of the group knows how to use Java so we will be using that for our language. For now we will use Apache but that may change in the future

4. In our group we will have a server manager that will be able to manage all of our servers. A web application developer that will design the servers HUD. A researcher that will look through all available housing in Huntsville