SE-Assignment 4

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Please draw the class diagram from the following description Assume that a system is developed for the booking of the rooms in a university.

–There are four kinds of rooms: classroom, lecture hall, activity and lab. All the rooms have a room no. Lecture halls, classrooms, and lab have a number of available seats while each activity room offers some services (e.g., stereo, beverage, coffee, and tea). The equipment and services can be inquired.

–Teacher can book any room while students can only book an activity room. When a student books a room, he should give the purpose and referee (i.e., the name of the teacher who supports the booking).

–A person can book at most three rooms at the same time.

–A teacher has a name, staff ID, office number, office phone number, and programme. Each student has a student name, student ID, mobile phone number and programme. All phone numbers can be updated.

–there are two kinds of labs: computer lab and chemistry lab. Each is equipmented with equipments for lab practices.

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