Stage 1

Our domain of choice was classrooms, classes, and the scheduling of classroom reservations. We plan to populate our database using real world data pulled from the school as well as generating random user accounts. We will use the entities of buildings, rooms, classes, department, and user. We will allow for searching based off of:

- o location of classroom (which building?)
- o type of desks
- o size of classroom
- o type of classroom (large lecture hall vs. smaller classroom)
- o whiteboard / blackboard
    - how much board space? (math professors like board space)
- o projector / projector quality
- o other factors

As an extra feature, we plan to create an automatic scheduling algorithm for use by administration to schedule classes in a more efficient way, as well as attempting to minimize schedule conflicts and other inconveniences between classes of the same major.