Data Model

Tables:

- Department(id, name, short_name)
- Course(id, department_id, course_num, name)
- Class(id, course_id, description, term, difficulty, textbook_ids, prof_id)
- Professor(id, name, image, saltiness)
- ~~Student(student_id, first_name, last_name)~~
- ClassReview(id, class_id,student_id, text, term, rating)
- Post(id, course_id, student_id, title, body, price, imge, datetime)
- ~~SalePost(id, student_id, title, body, price, image, datetime)~~
- Comment(id, student_id, post_id, body, datetime)
- User(id, username, image, email, password, year, is_admin)
- StudentGrade(id, grade, student_id, class_id)
- ProfessorReview(id, professor_id, user_id, course_id, term, review, rating, datetime)
- Note(id, title, file, user_id, course_id, professor_id, note_type, datetime)
- Textbook(id, title, author, publication_year, isbn)

Ex:

- Department(1, “Computer Science”, “CMPS”)
- Course(3, “101”, “Algorithms & Abstract Data Types”, 1)
- Class(7,3,“f2014”, 3, “2”, 5)
- Professor(5,“Patrick Tantalo”)
- Textbook(2, “Introduction to Algorithms”, “Thomas H. Cormen, Charles E. Leiserson, Ronald L. Rivest, Clifford Stein”, 2009, 3, “9780262033848”)