

Project #6
CS 3220

Due: in class

Convert the term project to use Ruby on Rails.

Specific guidelines:

- a. You should convert all your AJAX queries to hit the Rails controller and access data from a DB. This includes both the Plan data and the Search table data.
 - 1) Plans contain Terms (one-to-many), and Terms contain Courses (many-to-many). Alternatively, plans can contain Years which contain Terms which contain Courses.
- b. Your application must provide authentication and user management; recommend 'devise' gem. Users must have the ability to be assigned Roles, which would be Student, Faculty, and Admin. Although you don't need to implement anything but a blank page, the Admin role should have a page it can go to.
- c. A user should be able to manage a list of Plans (CRUD, plus duplicate). Faculty can see all students' plans, but a student can only see his/her plan.
- d. The user should be able to auto-generate Terms for a Plan, given a starting Term.
- e. You can demo straight from your laptop or lab computer using built-in Rails Server.

Required for turn-in:

- a. A demo will be required.
- b. A CS cover sheet describing your approach and any problems you ran into/lessons learned.