**Assignment 1**

Create a RoR application that keeps track of courses and sections for a university.

A course has many sections, and a section belongs to a single course.

Course data should include the following.

* Name
* Department
* Number
* Credit hours

Section data should include the following.

* Semester
* Number
* Course
* Room number

In the form for a section, have a drop-down with a list of possible courses. For extra credit, modify the CSS for your application to make it look better.

Please write a paper about what you did. The form of your paper *must* be the following.

* Abstract
  + What the paper is about in a few sentences.
* Motivation
  + Why should someone read your paper? What will they learn?
* Introduction
  + Problem statement and your approach to the problem.
* Method/measurement
  + What did you do to find the answer?
  + Include screen shots and git diffs here.
* Results
  + What is the answer?
* Conclusion
  + What are the major points from the paper?
* â€¢ Bibliography
  + Formal (peer-reviewed: books, journals, etc.)
  + Informal (non-peer-reviewed: wikipedia, blogs, etc.)
* Reflection
  + What did I learn?
  + What was easy and difficult?

Please have headings for each of the sections. Spelling and grammar count: if I catch it, it must be pretty bad.