**Assignment Two**

Add a many-to-many relationship between students and sections. Add validations to all your models. For the show methods courses, students, and sections, make sure you display all the related data. For each foriegn key, make sure you have the appropriate drop-down or checkbox selectors. Add a search in each index function. Write unit tests for all code you create. For extra credit, make the searches dynamic using Ajax.

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 screenshots and git diffs here.
* Results
  + What is the answer?
* Conclusion
  + What are the major points from the paper?
* 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.