Chris Li

CS 342

Prof. Vanderlinden

2/10/17

Homework 01

a. The columns in that database that would need to be updated would be Course\_number in Section, Course, and Prerequisites. The prerequisite number would have to change to the merging departments as well. Finally, the Department column in course and Major in student would also change to CSSE

b. I do not think it would be possible to restructure it in a way to only update one column due to Prerequisite having a Prerequisite field as well. If the courses were to have their names changed then this column must be updated as well.

c. No I do not think it would be possible to have a schema that would only require an update on one field. Due to having multiple CS courses and other fields such as prerequisites that are very relevant to a school curriculum, that would add up to be way more than just a single field.