**CS-172 Final Project Proposal**

**Single Student Class Scheduler**

**Team Name:** *UAC TECH (random name)*

**Group Members:**

* Kostiantyn Makrasnov
* Yuriy Fedas

**Problem Definition:**

The software is supposed provide a visually organized, time-optimized time table of a student’s courses. More in depth, the program has to read information on course section data from an excel spreadsheet. Afterward it needs to collect information on the courses a student wants to take during a particulate semester. Finally, it would analyze the excel data and the user input to result in an efficient layout of the best section times for the selected courses.

In this project we assume that the student or administrator provides an excel spreadsheet of available courses and their section times. We also assume that the student knows which courses he/she already took and needs to take in the future.

**Timeline/Management:**

[November, 14]: Accessor/Mutator Fuctions for all private variable by **Yuriy**

[November, 14]: Filters for AddCourseForm by **Kostiantyn**

[November, 14]: UML Diagrams for all classes used and the rest of write ups by **both**

[November, 16]:

* Function to get all selected course times into a form that is analyzed by **Yuriy**
* Finish the layout and labeling of ResultsForm by **Yuriy**
* Research and create sample algorithm that would process section times by **Kostiantyn**

[November, 21]: Implement sample algorithm, debug results **both**

[November, 28]: Display results in some kind of table **both**

**DEBUG and Extra Features Implementation**

[December, 12]: Final presentation/demo by **both** team members