**Tune Squad Meeting Minutes**

**Begin Time** -- 3:00pm

**End Time** -- 4:30pm

**Members Present :** Scott Smoke, Riley Smith, Jordan Beck, Joshua Ford, Jeffrey Allen

**Members Absent :** N/A

*Topics*

* Questions regarding the specifications
  + User interface
  + Backend
* Coding standards
* Possible programming languages
* Possible meeting time with Dr. Roden
* Possible UI toolkits

*Decisions/Actions*

Began meeting with Scott allowing members to have open discussion/questioning while recording thoughts on a whiteboard. A formal write up of all questions discussed by the group are to be presented to the group for review by Jeffrey at the next meeting.

Coding standards are to be developed by Riley and Jordan. Standards for function headers will be developed with the help of Jeffrey. This is in the interest of designing headers in such a way that allows automatic documentation software to be run upon source code. Standards that were made concrete included tab spaces of size 4, and line lengths of under 50.

The group decided that each member will propose candidate programming languages to be used for the project at the next meeting. The programming domain has been classified as spanning both artificial intelligence and business applications.

The Tune Squad has elected Monday, 2/2/2015, to be the scheduled meeting day with Dr. Roden. Availability sheet says 3:00 pm is the optimal time.

Possible UI toolkits discussed at the meeting included Visual Studio’s C# and Delphi. The team has decided to wait until more detail regarding how the 2nd input file is structured.

Questions Recorded:

**UI**

1. Who exactly are the target users of this software? Educational background if possible
2. Add/remove classes from input file?
   1. exclusions
3. Should the schedule be displayed in program? Or be exported to another file?

**Backend**

1. Is 1st input file the existing exam schedule?
2. Swap finals?
3. Is there a method in which classes should be prioritized?
   1. Freshmen vs Senior
   2. Number of students in class
   3. By class level (400 first, then 300...etc)
   4. 25% of each class level a day
4. What format would you like the output?
   1. xml
   2. text
   3. pdf
5. What is the process they currently use?
6. Is there a limit on the amount of popular classes on one day?
   1. 32 popular classes
7. Min/max number of days for files?
8. Will popular classes be marked on input?
9. Will there be different modes of users? such as general user and an administrator?
10. Desktop application or web application?
11. Which operating system will the product be run on?

How to make algorithm get close to class times?