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**Computer Science 2212b**  
**Team 7**  
**Assignment #1**

February 14th, 2014

**Nick Delben**  
**Ben Dumais**  
**Alex Gyori**  
**Albert Van Santvoort**  
**Holly Voysey**

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**Personnel Snapshots**

*Nick* - I know very little about the field of computer science. I have some experience programming and have spent a lot of time working with data. I work in ITS doing support for OWL and small scale web / applications development. My main interests are artificial intelligence and robotics, as well as resource management.

*Ben* - I've been involved in computer science throughout my school career doing a lot of work with Java and C++. In the past I was the team leader for a group of students building a digital announcement system, which was completed successfully and implemented through our school. I haven't touched much on skills such as databases or GUI, but I've done a large spectrum of programs ranging from huge text-based dungeon crawlers to various robotics projects and the announcement system. Overall my strengths lie in algorithms, design, and managerial skills. I'm comfortable handling any tedious or more complex parts of the program.

*Alex* - I am a second year student studying at the University of Western Ontario for an Honours Specialization in Computer Science. My programming history (aside from university) begins in high school where I fooled around with an "RPG Maker"-like program as a hobby. In the second half of high school I took some Java courses which resulted in me creating a short text-based adventure game for a final project. Overall, my greatest strengths are that I am a hard-working student and that I take great care to ensure my work is of high quality.

*Albert* - My only computer experience is the courses required by the Computer Science courses at Western University. I've taken CS 2208, 2209, 2210, 2211, 2214 and stats for engineering. In the courses required for the Honors specialization in Computer Science (below 3000 level) i have a 73% average.

*Holly* - I have previously had experience programming in C#, creating small programs for individual assignments in my first year of University, with no programming experience prior to that. I also took a data structures and algorithms course in my first year, allowing me to develop my programming skills. In my first year I also covered many other aspects of computing, such as databases, web development and many others, although not in a lot of detail. Therefore I would say I was an all rounder, with no particular skills in a certain area. I can also bring soft skills to the group, such as project management and organization as well as being a hard working student.

## User Stories

Our team pivotaltracker project can be found here: <https://www.pivotaltracker.com/s/projects/1004174>

A snapshot is also provided below on the next page (sorry for the poor resolution/angle):

Team 7 Project (Public)

CURRENT BACKLOG ICEBOX EPICS MORE ▾ PROJECT ▾ STORIES ▾

ADD STORY +

CURRENT

1 10 Feb - Current

Pgs: 0 of 13 %

- user can manage courses User can create a course (BD) Finish
- user can manage active course User can edit a course (BD) Finish
- user can manage courses User can delete a course (BD) Finish
- user can manage active course User can add a deliverable to a course (HV) Finish
- user can manage active course User can edit a deliverable (HV) Finish
- user can manage active course User can remove a deliverable from a course (HV) Finish
- users can manage students. User can create a new student (ND) Finish
- user can manage active course, users can manage students. User can enroll a student in a course (ND) Finish
- users can manage students. User can edit a student's information (ND) Finish
- user can manage active course User can remove student from a course (ND) Finish
- users can manage students. User can delete a student (ND) Finish

BACKLOG

2 17 Feb

Pgs: 8 %

- user can manage courses User can change the active course (HV) Start
- user can manage active course User can view course data as a spreadsheet (BD) Start
- users can manage students. User can import a list of students from csv (BD) Start
- user can manage courses Users work should save automatically (BD) Start
- user can manage courses Users data should be persistent (ND) Start
- user can manage active course User can work with grades by clicking on cells in spreadsheet (BD) Start
- user can manage courses User can edit the program at anytime (HV) Start

ICEBOX

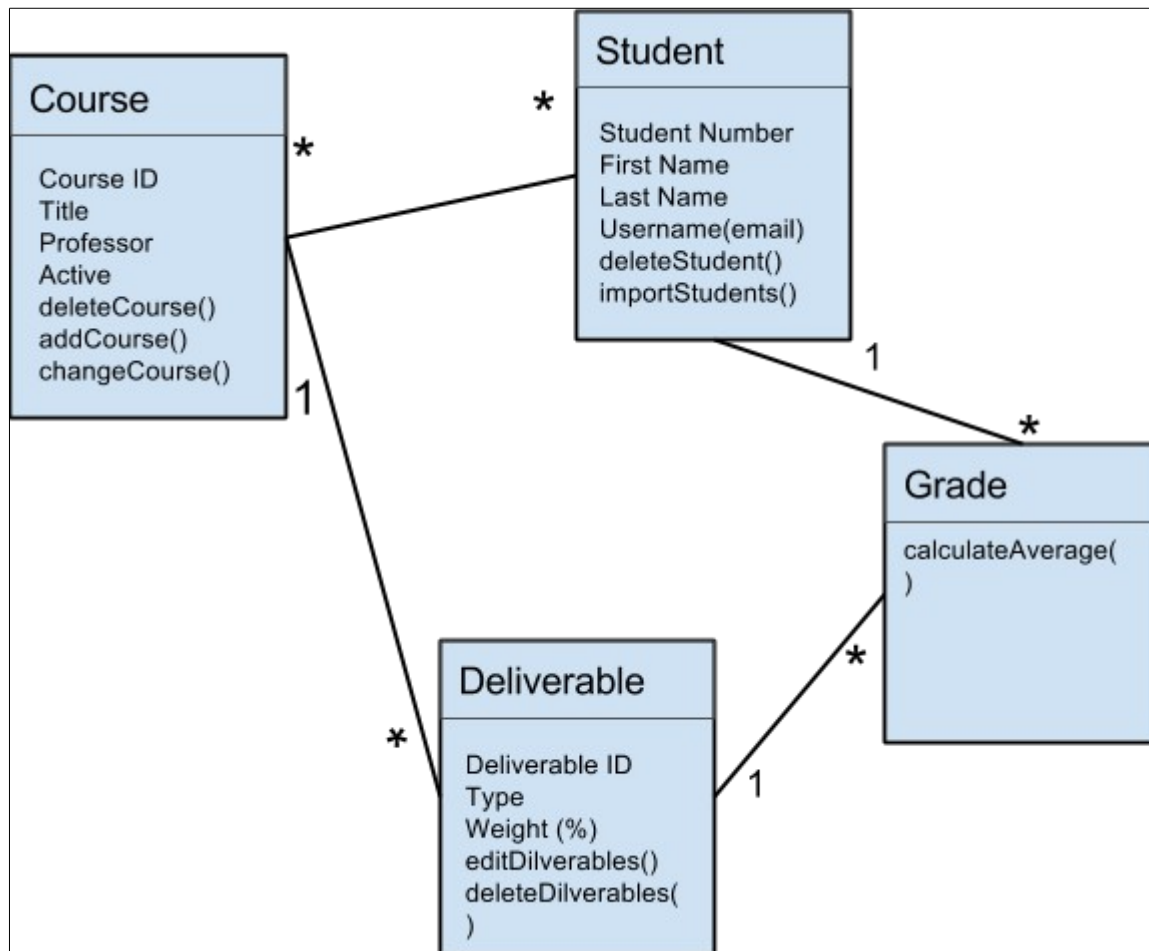
Select All

- user can manage courses [OPTIONAL] User can import course data from csv file (ND) Start
- user can manage courses [OPTIONAL] User can export course data to csv file (ND) Start
- user can manage active course [OPTIONAL] User can email one or more students in the active course a report (BD) Start
- user can manage active course [OPTIONAL] User can generate a PDF report for a student in the active course. (BD) Start
- user can manage active course [OPTIONAL] User can import grades into the active course from a csv file. (BD) Start
- user can manage active course [OPTIONAL] User can export grades from the active course to a CSV file. (ND) Start

EPICS

- User can manage active course
- Users can manage students.
- User can manage courses

## Class Diagram



## Project Plan

