Assignment #1

Think of a project that you want to implement. Be original, be realistic (spelt simple and doable in 12weeks). Note that each assignment to follow (assignment2, 3, 4, etc) will be based off of this one. No pressure ;)

An example, would be a Teacher/Student application, that keeps track of Students, Teachers and their

TestScores.

Requirements:

1. In English (not Java yet), propose an application you want to build
2. This application must have \*at least\* 2 Classes which are related. i.e. Teachers and Student, TestScore
3. Describe (or define) the attributes you would have in each class

Example: Teacher

* 1. id
  2. firstName
  3. lastName
  4. coursesTeaching

Example: Student

* 1. id
  2. firstName
  3. lastName
  4. favoriteTeacher
  5. coursesTaking
  6. coursesWantingToTake

1. Think about at least 2 uses cases.
   1. Example, print report of all the students that belong to Henry
   2. Calculate the Final Grade for Student XXX
2. Remember, this is YOUR application. I want this to be practical and yet fun and doable in the timeframe of this course. In short we are at the DESIGN stage. This course is more than about learning Java. Programming is a huge part of development, but so is DESIGN.

Submit your written report (proposal.txt file) to me on GitHub

Expected Project path:

[https://github.com/<yourGitHubId>/<yourProjectName>.git](https://github.com/%3cyourGitHubId%3e/%3cyourProjectName%3e.git)

Your proposal.txt file:

Should be in the toplevel directory

Notify me of your Git URL via D2l (put a comment stating the location). I will not

Accept emails (especially if you are emailing me a zip file). Github will be where I will be

Importing your project from now on.

Another TODO is to add me (hchan) as a Collaborator to your Git project

<https://help.github.com/articles/how-do-i-add-a-collaborator>

OPTIONAL: but highly, recommended …

1. add a README file via Git (this is done via Github’s interface)

In your browser: [https://github.com/<yourGitHubId>/<yourProjectName>.git](https://github.com/%3cyourGitHubId%3e/%3cyourProjectName%3e.git)

Then click the “Add a README” button

Hints and food for thought. Don’t keep any personal information in your code, i.e. your real driver’s license, credit card info. Github is PUBLIC. Also note that, later in this course, we’ll be using Github Pages

<https://pages.github.com/> to upload your fully working application.

Finally, think of Github as your SHOWCASE of work for future employers or your own personal collection of work you can look at 5 or 10 years down the road

Egit tutorial: http://www.vogella.com/tutorials/EclipseGit/article.html