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:

https://github.com/<yourGitHubId>/<yourProjectName>/blob/master/proposal.txt

For more information on Git see the index.html file @

https://github.com/hchan/playGit/blob/master/index.html

To notify me of the URL you are going to publish your Git work at, put this on D2L’s dropbox

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

1. Add me (hchan) as a Collaborator <https://help.github.com/articles/how-do-i-add-a-collaborator>