Computer Science 340 Project

Ideas:

* Maze Solving Application
  + Create maze that was created from a text file
  + Parse through each character and correspond it to a designated to a certain objects / shapes in order to create this map / maze
  + What makes this app created is the graphical user interface to solve this map / maze with a the colorful theme behind it chosen by the user
  + Computer could generate a solution
  + Maybe have the user create the maze using the interface we create
* Possible Sport Idea (Golf in particular)
  + Keep up to date of your handicap
    - Will need the course slope and rating
    - App will have to keep database of previous scores
  + Keep track of your current set of clubs
    - Lofts
    - Lies
    - Shafts
    - Grips
    - Distance ( yards / meters )
  + Keep track the paces hence calories burned ( if mobile )
  + News feed on different tours where user specify ( PGA Tour, Web.com Tour, LPGA Tour, Golf Channel, etc. )
  + Nearby course located around your locations ( 15, 25, 50 miles )
  + Pro Tips for each hole on each course
    - According to your handicap, lets you know how you should play this hole ( shot link tutorial )
    - Could possibly change this when user inputs a target score

Requirements:

- Member

* + Diana Roberts
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* Project Description ~ 2 pages
* Goal of project
* Tools / Libraries ( Networking, Databases, Graphics )
  + Qt Creator
  + Doxygen
  + Lucidchart
  + Possible database needs
* Workload for each member
* Diagrams / Sketches
  + Lucidchart will create diagrams and/or sketches when needed