**Project Proposal** [15 pts]  
Write up a proposal file (in the file proposal.txt, or .docx, or .pdf) which should include the following components:

* **Project Description** [2.5 pts]: The name of the term project and a short description of what it will be.
  + Name: All the Write Moves (pun on “All the Right Moves”)
  + Description: This is a journaling app that uses a game-like design to encourage users to journal more frequently. It also collates and analyzes all entries in a week in order to create a weekly summary. There is a ‘day’ mode where the users can type an entry for each day, a ‘main’ mode where the interface looks like a road heading towards the horizon, and a ‘year’ mode where the user can see his/her year at a glance.

* **Competitive Analysis** [2.5 pts]: A 1-2 paragraph analysis of similar projects you've seen online, and how your project will be similar or different to those.

My project is similar to journaling websites/apps in a sense that its purpose is to store journal entries written by users every day. However, one key difference is that my project’s design actively encourages users to journal frequently instead of just providing them with the tool and leaving it up to them to decide when they want to add an entry. Also, any journaling websites/apps I’m seen online focus on how to make the organisation of the entries simple and easy to understand, but I found that that they lack a sense of progress in a sense that you don’t feel how much time has passed since you started. So my project is about creating an online journal that can convey a sense of progress visually and also add in game-like qualities to encourage users to write more entries.

* **Structural Plan** [2.5 pts]: A structural plan for how the finalized project will be organized in different functions, files and/or objects.

Code is stored in a python file. Not yet certain about the rest.

* **Algorithmic Plan** [2.5 pts]: A detailed algorithmic plan for how you will approach the trickiest part of the project. Be sure to clearly highlight which part(s) of your project are algorithmically most complex, and include details of the algorithm(s) you are using in those cases.
  + Write an algorithm to do text analysis of all entries in a week to generate a weekly summary (complex)
  + Write an algorithm that grows a tree in ‘main’ mode, where extent of growth depends on how many entries were written that week – can using recursion
* **Timeline Plan** [2.5 pts]: A timeline for when you intend to complete the major features of the project.

2 Dec: Year mode is complete and functional

4 Dec: Successful generation of weekly summary

5 Dec: Month mode is complete, where path/trees/horizon/sun/etc are all drawn and clickable

* **Version Control Plan** [1.5 pts]: A short description **and image** demonstrating how you are using version control to back up your code. Notes: **You must back up your code somehow!! Your backups must not be on your computer** (ideally, store them in the cloud)
  + Code is backed-up on GitHub, where I commit the changes whenever I want to save the code at a particular stage of progress  
    Graphical user interface, text, application

    Description automatically generated
* **Module List** [1 pts]: A list of all external modules/hardware/technologies you are planning to use in your project. Note that any such modules must be approved by a tech demo. If you are not planning to use any additional modules, that's okay, just say so!
  + No additional modules planned