Target Setting Project

In pairs you will work on creating a target setting program. This program will be used for both students and teachers to set and track targets. This is aimed to be an improvement of the current target setting system of manual target setting.

**Time:**

You have 3 days to work on this (Tuesday 01/02/22 to Thursday 03/02/22).

**GUI target:**

The program should have sections to:

* Include an area for the student's name and a section explaining what a SMART target is and how this can be achieved with your program.
* Rank each progress area, allow a target to be generated for the lowest ranked one
  + Progress areas are:
    - Maths
    - English
    - Attendance
    - Punctuality
    - Assignment completion
    - Work Experience
    - PPD
* Add the main target
* Set an end date for the target
* Set a target type (based on progress areas – can be automatically populated)
* Add a description(s) for the target
  + This will be in the form of breakdown of various options that can be applied to the target. For example, ask teacher for help, recap class notes, start exam revision early etc.)
* A review section with pre-determined options and a box for additional information to be added:
  + Target completed
  + Target not complete, still in progress.
  + Target unachievable.

Include 2 additional features you feel would be useful for target setting.

**Planning**

As part of your planning produce:

* Rationale for the project and requirements
* Your understanding of the requirements of the project
  + Identify which are desirable requirements and which are essential requirements
  + Are there any supplementary requirements you think might be useful?
* GANTT chart
* Pseudo code and Flow Chart (using correct symbols)

**Submission requirements:**

1. Rationale and requirements for the project
2. Effective GANTT chart showing tasks to be completed by each team member
3. Pseudo code.
4. Flow chart.
5. Completed program with comments from each team member
6. A variety of Testing to show the programme is complete.
7. An evaluation of your programme to discuss what went well and what didn’t.

**Grading will be as follows:**

10% - Rationale and requirements for the project

15% - Effective GANTT chart showing tasks to be completed by each team member

20% - Accuracy and quality of Pseudo code and Flow chart (including correct symbols)

30% - Completed program with comments from each team member

15% - A variety of Testing to show the programme is complete.

10% - An evaluation of your programme to discuss what went well and what didn’t.