Each group of students needs to choose any of the programming languages and DBMS they prefer and write a program to enable project managers to plan their project, at least this program can do the following functions:

1. Ask the PM to give a **name to the project**, insert the team members with their titles, working conditions (number of hrs. everyone works / day), cost, starting date, due date, and expected deliverables (list of expected deliverables, and can be updated whenever the user needs).)
2. Enable the PMto set up the plan configuration (number of working hrs/day, the start day of the week (either Sunday or Monday))
3. Enable the PMto plan the project as follows:
   * 1. Ask for the task, no. of working days needed (number of working days should be converted to working hrs.), its start date, its due date and its dependent tasks.
     2. Who can be involved in this task from the team members with number of working hrs. The program should not leave any chance for the inconsistencies.
     3. User can ask for adding sub-tasks for each task with its own start date (cannot be less than the parent task’s start date), due date (cannot exceed the due date of its parent task) and the sum of the time required to complete the sub-tasks cannot exceed the time needed for the parent tasks).
     4. Define milestones.
4. Enable the PMto record the **actual** working hrs. Taken for each major task after it has been completed. And then the program should show an analysis report for which tasks have been finished on time, and which have not been.
5. Show a chart for the full plan (before starting the project)
6. Show a chart for the full plan after completing the project, where each task has two time paths (the planned one and the actually taken one).