How to work together

First of all, there was coordination and understanding among the team members, which made it interesting to accomplish this work.

Sarah Omar:

I started opening the project with an abstract class called a person that have a virtual function which will have a different implementation in the sub classes, then I created four classes that inherit from the abstract class and they are called employee, instructor, student and a singleton class called manager, then we created two classes. department and course class the department class have two functions named details and add(class name) we pass the course class for this two functions.

Hadeer Badr:

I had already started working on my part of the project, so I created a faculty class that contains a vector from the previous classes, and also contains the same two functions details and add(class name) the details function. It reads from the file, and the add function is written in the file, and we repeated This function with four classes, student, employee, investor and department class. I also created the university class and it contains both functions for faculty. In the end, we worked together on the main function, so we created an object from each class and a set of choices. Each class represents a number from 1 to 6 that calls the function. for each class