North South University

CSE115, Spring 2021

Project Requirements

1) Your project should reflect the use of structures, array, strings, files, functions, pointers (if possible) loops and conditional statements.

2) It is highly recommended that you have a **user login system.**

3) The project must be **menu driven**. You can implement it as an infinite loop in main () or you may create a function for main menu and call it from every other function.

4) It would be great to see you implement a record system that will allow the user to **populate** the record system, **display** the information already stored, **append** records, **delete** records from the system given a certain name/id or other criteria, **search for record** given a certain name/id or other criteria, **modify** record given a certain name/id or other criteria. After the changes, the files in which you will store the information need to be updated so that the display function always shows the updated version of the record system.

5) Make sure that you have conditions that check array bounds, for example if you have array bounds for name, email address, if you want to insert new elements etc.

6) Divide the work among the team members so that no single student gets overburdened. All members must be involved in the implementation. Cooperate with each other so that you learn from the implementation process. You may study online material for your better understanding but the work you submit must be yours. Plagiarism of any form is highly discouraged. Although a single student will not develop the entire project but you must have a clear understanding of how code in each section of the project contribute and coordinate in the overall development of the project. At the end, submit a write up where you should specifically mention the part that individual team member has implemented.

7) During viva you will be asked questions on the sections you have implemented as well as on the entire project in general. So it is recommended that you have a clear understanding of the entire project.

8) Feel free to reach out to your lab instructor if you need any help. She has given you her office hours where you might ask her about any problem that you may face.

Best of Luck