**Phase 1 Report**

1. **Code Organization :**

Our code is divided into 3 clusters:

1. HTML: which controls the main static printings of the frame of the page.
2. CSS: which is responsible for the stylish look of the web page. (Such as the Date Picker, table Styles, spans, etc.)
3. JavaScript & JQuery: it controls the dynamic actions in the web page. (Such as the showing of All Tasks tables and the form of submitting new Tasks)

**2. Main Functions:**

Functions in the code always come in 4, since we deal with 4 arrays and any change must be done, in the worst case, to all of them.

addTask(); // receives the input from the user and adds it to the arrays

DisplayInput(); // displays text boxes and date picker for the user to input the task information

DrawAllTasksTable(); // Draws the All Tasks Table when requested. This function is repeated for other tabs : DrawArchivedTable(); DrawDoneTable();DrawInProgressTable();

Deleted(id,index); // takes two parameters two remove the task from the arrays and the tables

SortXXXXByName();(XXXX for table Type) // these functions are meant to Sort Current Tabke by Name Lexicographically

SortXXXXByDate();(XXXX for table Type)//these function sort By Date

Arc\_XX\_checked(); // Archive tasks the user has checked

Delete\_XX\_checked();//removes tasks the user has checked

Doneee() ; //Marks current task as done

Archiveee(); // Marks the current task as Archived

Edit\_all(); // Displays the form of task info editing

Edittask(); // edits the stored info of the task requested

**3. How Work was divided:**

**Ahmed Ezzat : was responsible for the CSS and BootStrap usage and Shared work on the JavaScript and JQuery Codes**

**Ahmed El-Naggar : responsible for the main frame of the page as an HTML and focused mainly on the processing of Data and JavaScript Functions.**