<u>**COE/ELE 70B : Group and Individual Milestones & Deliverables**</u>

Group Members:
      Student A: Abrar Ahsan
      Student B: Parham Habibi
      Student C: Rehnuba Fairoj
      Student D: Muhammad Shirazi
Project Title: BV01: Python Program for Ladder Iterative Load Flow

Note: Please refer to the GANTT chart posted on D2L for all Due Dates.

Phase: I

Project Manager: Abrar Ahsan

  * "Initials" under "individual tasks" means you put your initials (first letter of your firstname . first letter of your lastname), the assignment of tasks **should match** your COE/ELE70A.

  * Note: The below milestones template is subjected to modifications by your respective FLCs.

Week	Group Tasks	Individual Tasks: Student A: (Initials*)	Individual Tasks: Student B: (Initials*)	Individual Tasks: Student C: (Initials*)	Individual Tasks: Student D: (Initials*)
1	**Phase I Milestones and Deliverables Submission by Project Manager** **Submission Due: Jan 11th, Tuesday by 11:59PM**	AA	PH	RF	MS

1

2	1. Test for error cases for Python GUI 2. Test for error cases in Data Parser 3. Integrate the two functions and run combined tests.	AA	PH	RF	MS
3	1. Create the main.py 2. Combine the Data Parser along with the Python GUI and test for edge cases	AA	PH	RF	MS
Phase I **Deliverables**	1. Complete the integration of the Data Parser and the Python GUI 2. Demonstrate the functionalities of the GUI 3. Demonstrate the data parser extracting the data using debugger mode. Demonstrate that the data parser is extracting the only information that is required into a separate array.	AA	PH	RF	MS

2

Phase: II

Project Manager: Rehnuba Fairoj

4	**Phase II Milestones Submission & Project Manager** **Submission Due: Jan 31st , Monday by 11:59pm** 1. Upgrade GUI and Calculation Engine	AA	PH	RF	MS

5	**Feb 11th, Friday by 11:59pm, Theory and Design Sections Submission** 1. Test for error cases for Calculation Engine 2. Test for error cases in Data Parser 3. Integrate the two functions and run combined tests.	AA	PH	RF	MS
6	1. Test for errors in Calculation Engine 2. Generate excel output	AA	PH	RF	MS

Phase II Deliverables	1. Complete the integration of the Data Parser and the Calculation Engine 2. Demonstrate the functionalities of the Calculation Engine 3. Demonstrate the calculation engine output. Demonstrate that the data parser is extracting the only information that is required into a separate array and depositing it into the calculation engine 4. Confirm that an output Excel was produced	AA	PH	RF	MS

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Milestones Compliance Report 2 (Project Manager:)   Submission Date (Due: Friday by 11:59pm of week 6):

Minutes of Meetings weeks 4, 5, and 6 (Project Manager:)   Submission Date (Due: Friday by 11:59pm of respective weeks):

Notes:

Phase: III

Project Manager:

7	**Phase III Milestones Submission & Project Manager** **Submission Due: Feb 28th, Monday by 11:59pm**				
8					

9				
Phase III **Deliverables**				

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Milestones Compliance Report 3 (Project Manager:)   Submission Date (Due: Friday by 11:59pm of week 9):

Minutes of Meetings weeks 7, 8, and 9 (Project Manager:)   Submission Date (Due: Friday by 11:59pm of respective weeks):

Notes:

Phase: IV

Project Manager:

10	**Phase IV Milestones Submission & Project Manager** **Submission Due: Mar 21st, Monday by 11:59pm**				
11					

8

12				
	Apr 7th, Thursday by 11:59pm, Submission of Individual Contribution Summary (Your FLC may choose to conduct your project oral exam in week 12 and/or week 13)			
Phase IV **Deliverables & ** **Final Demo**				

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Milestones Compliance Report 4 (Project Manager:)   Submission Date (Due: Friday by 11:59pm of week 12):

Minutes of Meetings weeks 10, 11, and 12 (Project Manager:)   Submission Date (Due: Friday by 11:59pm of respective weeks):

Notes:

13	**Mandatory Tasks** (both as Group and Individual)**:** - **Project Oral Exam and** - **Final Report Submission (Apr 14th).**			