Number of the Project	BV01
Name of the Project	Python Program for Ladder Iterative Load Flow
Date and Time	2021-11-12
Attendance	1. Abrar Ahsan 2. Parham Habibi 3. Muhammad Shirazi 4. Rehnuba Fairoj
Agenda for the Meeting	1. Understanding and implementing algorithm for longest path system or depth first for the calculation engine 2. Implementing 10 bus system calculation engine
Milestone to be completed this week	1. Read up on multiple research paper to understand load-flow approaches 2. Tested linear system calculation engine from GUI to calculation engine output upto 10 buses. 3. Studied and prepared pseudo-code for the calculation engine on tackling branched networks.

Description of Work Completed last Week

Member 1	Member 2	Member 3	Member 4
1. Set up Panda Power 2. Testing integration of software for linear calculation engine. 3. Prepared pseudo-code for branched networks	1. Researched on 33 bus branched network power and load-flow	1. Prepared pseudo-code for branched networks	1. Prepared pseudo-code for branched networks

Description of Work to be Completed next Week

Member 1	Member 2	Member 3	Member 4
1. Update flowchart with branched network changes. 2. Implement code for branched network. 3. Write code to sort the input CDF file's array to work with branched network	1. Write a python program and design a calculation engine for 10 bus system	1. Update flowchart with branched network changes. 2. Write code to sort the input CDF file's array to work with branched network	1. Write code to sort the input CDF file's array to work with branched network

Difficulties encountered	N/A
Mitigation Plan if any	N/A