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| Number of the Project | | BV01 | |
| Name of the Project | | Python Program for Ladder Iterative Load Flow | |
| Date and Time | | January 28, 2022 | |
| Attendance | | 1. Abrar Ahsan  2. Muhammad Shirazi  3. Parham Habibi  4. Rehnuba Fairoj | |
| Agenda for the Meeting | | 1. Updates to the GUI  2. Update on the Data Parser | |
| Milestone to be completed this week | | 1. Integrate the two functions and run combined tests.  2. Test for error cases for Calculation Engine  3. Create more test cases using rand function | |
| Description of Work Completed last Week | | | |
| Member 1 | Member 2 | Member 3 | Member 4 |
| 1. Testing for edge cases for data parser and implementing fixes  2. Completion of Data Parser along with tests | 1. Tolerance added on GUI  2. Finalizing GUI | 1. Testing for edge cases for data parser  2. Optimization of calculation engine  3. Started integration work | 1. Testing for edge cases  2. Implemented input box for tolerance |
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| Description of Work to be Completed next Week | | | |
| Member 1 | Member 2 | Member 3 | Member 4 |
| 1. Integration of code with calculator  2. Extract Sbase  3. Finding optimization methods for calculation engine. | 1. Integration of code with calculator  2. Finalize the user input  3. Implement the error message box | 1. Integration of code with calculator  2. Modifications needed for branch cases  3. Finding optimization methods for calculation engine. | 1. Set up PandaPower  2. Create test cases using Rand.py and checking on PandaPower |
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| Difficulties encountered | | Timezone issues, as team is not entirely in North America | |
| Mitigation Plan if any | | 1. Frequent communication over text channels.  2. Moving back to Canada | |