

Team Name: sdmay21-23

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Report Period: Oct 5-Oct 18

### **Summary of Progress in this Period**

In the past two weeks, our team has met to go over professional areas of responsibility and to compare the importance levels of those areas of responsibility in respect to our project currently and in the future. During our meetings with our faculty adviser, we were able to see an example of an analytics display for a simulated power grid. With this, our advisor also showed us where to access the code for that display so that we can familiarize ourselves with Docker containers and the interdependence of different containers. Additionally, our faculty advisor briefly demonstrated the use of Sphinx to auto-generate documentation for our code.

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### **Pending Issues**

- Devise a more in-depth system diagram for our project .
  - Understanding how the machine learning algorithm can train from a given power grid data.
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### **Plans for Upcoming Reporting Period**

- Frontend members making a 'Hello World' application in their VMs
- Backend members make a 'Hello World' application with Flask and try out communicating with Frontend.
- Finish Design Document v2