

Team Name: sdmay21-23

Team Members: Karthik Prakash, Justin Merkel, Abir Mojumder, Patrick Wenzel, Zhi Wang, Abhilash Tripathy

Report Period: Oct 26-Nov 8

Summary of Progress in this Period

During the past two weeks, the frontend team has started to look into implementing a [Material UI Dashboard](#). It seems like this is a theme for a WordPress site so we would have to look into getting a site set up on there and then making a child theme of it so that we aren't actually editing the source code.

Researching for options into what database we will use, we've decided to implement Redis database for caching logs and was recommended to use neo4j graph database for the real time data. Some work was done to set up an independent Redis server and we are learning the commands used to store and retrieve data.

Pending Issues

- Possibly getting a WordPress site set up
 - Setting up a child theme
 - Configure databases
 - Redis
 - Neo4j
 - Write docker-compose file to launch all modules
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Plans for Upcoming Reporting Period

- Get a [Material UI Dashboard](#) implemented.
- Adapt machine learning algorithm to fit our needs
- Configure database servers to use with the flask backend