Kayla Wheeler

CSCI 460

Project Proposal

November 1, 2019

Energy-Aware Apps

Battery life on devices is something everyone will research before buying a new device and even something people will complain about as their device gets older. Having applications and operating systems work together on an adaptation that has the application dynamically modify their activity to preserve energy, the operating system can then use the adaptation to have longer battery life on devices. I will write a technical report on why this is an important topic for operating systems and a way to implement this idea, and how well it would work or how well it already does work.

Currently, it is just me on this project, so there will be no division of work among group members. The current rough schedule for the project is having the proposal done before November 1st, and then having the technical report done by November 15th. The presentation for the technical report will be done by November 20th, so that I am potentially ready to present on November 22nd.