Project Proposal

ECEN 5033 Devops

Armando Pinales

2021

# What’s the Problem?

In many embedded device applications, knowing the location of a device is of high value. However, seeing raw coordinates in a text file is not very useful and requires extra effort on behalf of the operator to extract meaning and value. Current solutions only work on locally hosted web servers and are therefore inaccessible or rely heavily on third party application software which comes at a hefty price.

# Why It is Important

# What’s the Solution?

In this project, a web server is proposed which allows a user to visualize the last logged location of a device in a web browser. The webpage can be accessed from any device with an internet connection. This solution will serve as a foundation in the sense that other device metrics can be logged, such as temperature, humidity, pressure, sound, ambient light, etc. (depends on sensors used in embedded device).