

About CS5394 Project

Smart PyControl

Overview

The purpose of this document is to describe Smart PyControl, a python based, desktop application that is intended to control a variety of smart home devices. Smart PyControl is intended to ease the use of smart devices for users by allowing the users to control all their smart home devices through one application on one controllable network for convenience. The Smart PyControl system will be based off a database system that will allow the users to view their logged data. Lighting, security systems, locks, thermostats, tvs, speakers laptops and smartphones can all be accessed and controlled under one network through our application.

System Requirement Specifications

Statement of Functional Requirements

Summarize

Non-functional Requirements

Summarize

Design and Implementation Constraints

Summarize

APIs

Add Text

Algorithms

Add Text

References

What should we include here?

Project Development Team

Morgan Langlais

Add Text

Carla Zacarias

Add Text

Philip Fitzgerald

Add Text

Anisa Yniesta

Add Text

Stephen C Gross

References, Class diagram, State Chart, About Page

Technology Resources

Coding Languages

Python

Add Text

Databases

MongoDb

Add Text

Version Control

GitHub

Serve as code storage and branching for our project.

Communication

GroupMe

Share daily status updates.

Project Evaluation

Successful Processes

Add Text

Processes to Improve

Add Text

Future Development

Features to Add Next Increment

Add Text

Code & Design Reuse Potential

Add Text

Team Professional Development

This is a nice way of saying what skills we could work on as engineers.