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Project: SmartHome Gesture Control Application Part 1 - Instructions

Purpose

Gesture-based SmartHome devices have the ability to increase convenience, but also create more accessible SmartHome devices for the elderly and those with disabilities. In this project, you will develop an application service that will control SmartHome devices with gestures, and then develop a RESTful application service for classifying the SmartHome gestures. This project provides hands-on experience developing a mobile application and provides an excellent opportunity to gain further exposure to topics and applications in the areas of mobile computing and machine learning.

Description

To complete Part 1 of this project, you will develop an application service that will control SmartHome devices with gestures. You will gain hands-on experience developing a mobile application using Android Studio.

This part of the project is peer-graded and reviewed by the course team for fairness and accuracy.

Objectives

At the completion of this individual project, learners should be able to:

- Develop an application service that will control SmartHome devices with gestures
- Develop a mobile application using Android Studio

Technology Requirements

- Android Studio