

Video Script

Introduction:

Hello and welcome to our video introduction into the smart home system we have created, this video is provided to better help you to understand what our application has to offer for all your home service needs.

Log in System

The first screen you will come across when downloading our application is the log in screen, for first time users an account will need to be created for all future use, to create an account insert your details into the corresponding boxes, once this is done hit the registration button, upon doing this you will be asked to create a unique pin, this pin will be used from now on to enter your account and as such it is recommended to create one you will remember, after your pin you are now inside our application.

Temperature Control

The first function we shall look at will be temperature control which can be selected through the temperature icon as seen here, this page will allow you to both display and control the temperature of your house, at the bottom is our weather API which allows you to see current weather forecasts of your area, above you can see the current temperature of the room and to change temperature you can manipulate this bar in the center to better suit your needs, notice the temperature change over time as you manipulate this bar.

Lock & Light Control

Our application is equipped with the ability to control door locks, to use this feature select the lock icon as shown, upon entering you will be able to lock and unlock your attached locks by selecting the corresponding button, this page will also allow you to turn lights on and off also by using the corresponding button.

Alarm System

The next function we will look at is the intrusion alarm system, it can be selected by pressing the alarm icon as shown, our home system has sensors equipped that can register movement within a good range and as such is perfect for when you are not at home, once toggled on the sensors will search for movement within your room and if detected will inform you and ask if you would like to call the authorities.

Air Quality Control

Another function our system is equipped with is the air quality control system, this can be selected by the selecting the air quality tab as shown, from this page you can read the current air quality, if air quality is unacceptable to you, by pressing the fan button here you can start the fan which will help increase air quality.

Voice Control

Our application is equipped with a form of voice detection control, this allows you to control the application via specific voice commands, to do this select the voice command icon as shown here and then press the voice command button, once pressed, speak into your phone with the specific voice command you want, a good example is “lock” upon registering this you will immediately be taken to your requested control interface, use this for faster movement of the application.

Data Mining

This final function is not exactly controllable for the user, however, is worth mentioning, to help you better understand the application, our application uses data mining via data collection to improve accuracy, this means that as the application is used, the device will become more and more accurate due to this data mining algorithm.

End Credits

That concludes this introduction, please enjoy our home system.