Vision Documentation

HomeDork

Revision History

Date	Version	Description	Author
2021-10-03	1.0	Started editing the vision example after meeting 1.	Ali habesh, Amr Al shaaba, Stiv Abdulwahed, Hani Alzir.
2021-10-10	1.1	Introduction has been edited.	Ali habesh, Amr Al shaaba, Stiv Abdulwahed, Hani Alzir.

Product Overview

1. Smart house concept

1.1 Stakeholders

Stakeholders are teachers, colleges and other users who will test the project. Possibly also future users such as a school in Sweden and other sections that take care of people with some sort of disabilities.

1.2 Introduction

The concept of this application is to provide to the user the ability to interact with their home digitally. Controlling lights, alarms, TVs and many more home utilities is a must in this day and age, what better way to have full access to all your utilities through one application.

2. Home Dork technicalities

Home dork is inspired by other smart house applications which generally aid people with disabilities with their needs in life, the application will act as the connecting between the user and the devices that they want to control, the user will be able to log in and have their custom menu to which they want to control with their preferences to have easy access, everything will be connected to the same database through api on both the mobile app and the website.

3. Basic requirements

The basic requirements of the project:

- Authentic and safe login

- Giving the user full control of his house

- Different kinds of input, either through voice of possibly hand commands.

- Providing access to:
  - Lights
  - Tv
  - Microwave

- AC
- Locks/Alarms
- And much more..