Design Documentation

Home Dork

Revision History

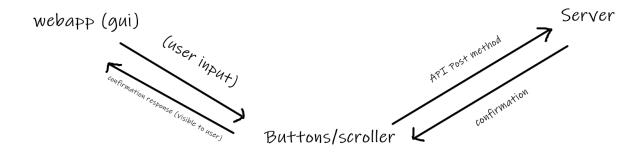| Date	Version	Description	Author
2021-09-15	1.0	Modifying Design documentation	Ali Habesh, Amr Al-shaaba, Stiv Abdulwahed, Hani Al-zir.

Design item List

Requirement Name	Priority
D1. Log in system	Essential
D2. Scrolls & On/Off button (API get/post)	Essential
D3.	Essential/Desirable/Optional
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Design Item Descriptions

D1

Log in system is used for user authentication to be able to access control of their home (smart house). The basic idea is to use the database with some form of security to identity the user before giving him access.

webapp (gui)   Server

(user input)   API Post method

confirmation response (visible to user)   confirmation

Buttons/scroller

D2

The user should be able to communicate to his smart house through his private profile using features such as scrollers and buttons. The scroller could be used for a more specific input such as light sensitivity, while the button can be used as more off a binary input (on/off). The buttons will give information and receive information using API's get/post methods, which essentially means the web/phone application will communicate with the server.

DB   User

Request
Authenticate

Authenticaion result

Log In