

UDC 004. 021

SMART HOUSE MANAGEMENT SYSTEM, USER INTERFACE

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Keywords: software, smart city, interface, React, AngularJS, MVC, Redux.

The aim of the work is to develop an intuitive interface for controlling the system of home devices capable of performing actions and solving certain everyday tasks without human intervention. All electrical appliances of the building, which can be controlled centrally - from the remote control, are functionally interconnected. The devices can be connected to a computer network, which allows you to control them with a PC and provide remote access to them via the Internet.

The web application will be written in the ReactJS programming language. ReactJS is an open JavaScript library for creating user interfaces, which is designed to solve the problems of partial updating of the content of a web page.

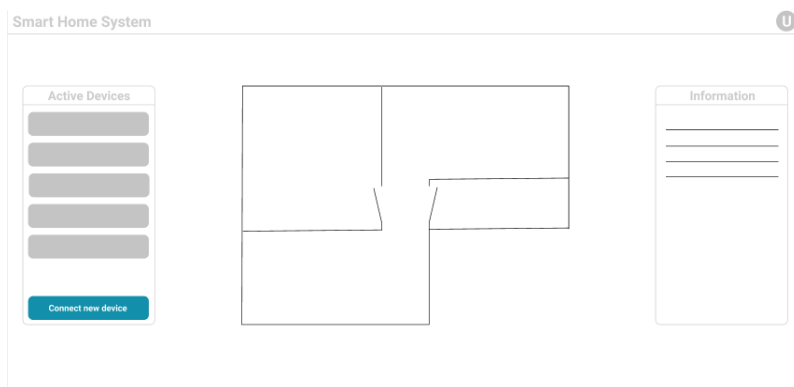


Figure 1 - User interface design

Figure 1 shows the design of the user interface of the web application "Smart Home System". In the left section of the interface there is a column of active devices, by means of the button "Connect new device" the dialog menu in which you connect a new device to the network is created. Design of the user interface.

References

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