

Ceng 492 Design Report Review Form

Project Topic: SmartHome
Reviewer Name/Id: Anıl Ulutürk/ 1746437
Company Reviewed: HomeSmartHome

Grading

Item	Grade (over 10)
Technical and Linguistic quality of the report	8
Problem definition	7
Design of data (classes, files, syntax)	9
Architectural design	7
Design of software interfaces	7
Design of modules in detail	8
Overall evaluation	7.5

Review Feedback

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1. What do you think about the quality of this design?

Construction of the system looks well managed and designed, properly divided into layers and subsystems. Also, document provides a good way of comprehending those design components in a clear and easy manner.

2. Are there any missing user features that you think necessary?

I don't think that any user would like to buy a home automation system with just power consumption data available in the interface with some on/off scheduling options. It seems quite useless.

3. If you were going to implement this design, what would be the problems?

Building a smart home system seems like impossible with such narrow features and not-valuable data flowing through. System is well defined and easy to manage, but it cannot provide the jobs it claims to take responsibility for, especially for handling house management tasks.

4. What do you like most about this design?

Construction of the system looks well managed and designed, properly divided into layers and subsystems. This features make the system easy to manage and highly generic.

5. What do you think about the report? Does it express the details of the design clearly and effectively?

Deployment of the system seems quite unclear; document addresses a prototype rather than a full working system. In general it is a good design report, but control requirements and the constraints are not explained clearly. Moreover, detailed system architecture description and traceability matrix are missing.