

Thesis Proposal (MA/ BA/ IDP)

IoT Smart Space Service Management

Outline

Today we can install Apps on our smartphones. In the future, we will be able to install Apps into our IoT Smart Spaces.

In this thesis you will investigate, how the management of software Apps within Smart Spaces could work in the future. The challenge of this task is that Smart Spaces are distributed systems while smartphones are not...



Possible Structure

- Analysis
 - o Technology review
 - o Review of service management patterns
- Related work
 - o What do other projects do that answer related questions?
- Design
 - o Which components do you need?
 - o Security, dependability, scalability, ...
 - o Which are options for the design? Why are your choices good?
- Implementation
 - o Frameworks used, screenshots, etc.
- Evaluation
 - o How well does it work?
 - Metrics!

Requirements

Curiosity, Joy to work in a team, Knowledge in Java.

Ability to write good code (including unit tests and documentation).

Contact

If you are interested, please send an email briefly explaining why you think to be the right person for this thesis to:

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Image source:

https://pixabay.com/static/uploads/photo/2014/01/08/08/46/tree-240470_960_720.jpg

