## **Accepted Manuscript**

Simulation framework of ubiquitous network environments for designing diverse network robots

Seoungjae Cho, Simon Fong, Yong Woon Park, Kyungeun Cho

PII: S0167-739X(16)30060-7

DOI: http://dx.doi.org/10.1016/j.future.2016.03.016

Reference: FUTURE 2990

To appear in: Future Generation Computer Systems

Received date: 4 October 2015 Revised date: 29 February 2016 Accepted date: 23 March 2016



Please cite this article as: S. Cho, S. Fong, Y.W. Park, K. Cho, Simulation framework of ubiquitous network environments for designing diverse network robots, *Future Generation Computer Systems* (2016), http://dx.doi.org/10.1016/j.future.2016.03.016

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

#### **ACCEPTED MANUSCRIPT**

## Highlights

- We proposed a framework to simulate a network robot in a virtual smart home.
- A network robot agent identifies daily routines of a resident and executes service.
- The framework shows a network robot could help and reduce tasks of a human agent.
- The simulator verified the framework reduces costs of developing network robots.

E-mail addresses: {cke, sjcho}@dongguk.edu (K. Cho, S. Cho), ccfong@umac.mo (S. Fong).

<sup>\*</sup> Corresponding author.

### Download English Version:

# https://daneshyari.com/en/article/4950336

Download Persian Version:

https://daneshyari.com/article/4950336

Daneshyari.com