

## ***Home Appliances & Entertainment (HAE) Service Framework***

### ***Weekly Technical Meeting – February 4, 2015***

#### ***Agenda***

1. Approve Minutes from Previous Meeting
2. Use Cases General Structure
3. Device Model Contributions
4. Discussion on HGI Meeting

#### ***Attendees***

<b><i>Name</i></b>	<b><i>Company</i></b>
Inhwan Choi	LGE
Seungchul Han	LGE
Chanhun Jeon	LGE
Dongwon Kim	LGE
Hwanseok Choi	LGE
Wonchul Choi	LGE
Hwantae Kim	LGE
Giovanni Tiano	Electrolux
Stefano Toppan	Electrolux
Mauro Taiariol	Electrolux
Milton Wang	Haier
Jun Zhang	Haier
Yoshinori Nagai	Sharp
Tomoki Ogawa	Panasonic
Hiroo Ishikawa	Panasonic
Tomonori Nakamura	Panasonic
David Kaufman	Honeywell

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## **Meeting Notes**

### **1. Approve Minutes from Previous Meeting**

- A. All members approved the minutes from previous meeting.

### **2. Use Cases General Structure**

Giovanni Tiano proposed a draft of the Use Cases General Structure

#### **A. Interaction Types**

- i. Tomogi Ogawa commented that we have two kinds of remote interaction. One is remote interaction inside home and the other is remote interaction to/from outside home.
- ii. Mauro Taiariol explained that the remote interaction outside home is supported by a home gateway.
- iii. Inhwan Choi suggested focusing on remote interaction in the proximal network.

#### **B. Use Cases Categories – 5. Concurrency of Controls**

- i. Yoshinori Nagai commented that the use cases on Concurrency of Controls are distinguished from other use cases because it can be occurred by the operation of other use cases.
- ii. Milton Wang commented that the concurrency should not be solved by HAE Service Framework. It maybe depends on upper application or firmware program in appliances.
- iii. Mauro Taiariol explained that the Concurrency of Controls can impact our interfaces.
- iv. Inhwan Choi suggested that we don't need to delete irrelevant use cases at the early stage of developing use cases. After defining the device models and interfaces clearly, we can revisit use cases to determine if it is better to delete any irrelevant use cases or not.

### **3. Device Model Contributions**

Hiroo Ishikawa presented the Device Models from Panasonic.

Inhwan Choi presented the Device Models from LGE.

- A. Tomogi Ogawa commented that we should define a meaning of Mandatory.
- B. Mauro Taiariol suggested that if there is any attribute or operation that a device doesn't support, it just returns error code such as 'Features are not supported' without defining mandatory/optional.
- C. Inhwan Choi expressed a concern that if we allow devices to return error code for the unsupported mandatory features, our effort to standardize common device models might be meaningless.
- D. Inhwan Choi suggested that we keep discussing this mandatory/optional issue until next call via email.

### **4. Discussion on HGI Meeting**

- A. Inhwan Choi suggested that he will ask Danny Lousberg and a member of our Alliance Board share our work progress briefly in the HGI meeting
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***Action Items***

1. Share the Device Models from Electrolux by 2/11. (Electrolux)
2. Share the Device Models from Haier until this Friday. (Haier)
3. Discuss how to reach a consensus for device model developments by an email. (All Members)
4. Submit names and the number of participants for F2F meeting to Electrolux team. (All Members)

***Next Meeting Agenda***

1. Discussion on path to reach a consensus on common device models
  2. F2F Meeting Agenda
  3. Discussion on definition of atomic device
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