Semester	Winter semester 2020/2021
Faculty	07; Mathematics and Computer Science
Lecturer	Prof. Dr. Johannes Ebke
Challenge Sponsor	German Alzheimer Society
Challenge	App to support dementia patients
Team	Group 3 - TG 1 (Pentagram)
Version	2.0
Date	31.01.2021

FAQ's

User questions

1. How does it work? How do I start "RingABell"?

The skill "RingABell" can be activated in the Alexa Skill Store. For more information, contact Amazon at https://www.amazon.de/gp/help/customer/display.html/?id=help.

As soon as the skill is installed, it can be activated with the words "RingABell".

2. Is my data secure?

The data is stored and managed by Amazon.

More information can be found at https://www.amazon.de/Datenschutzportal-für-Alexa/b?node=17084415031.

3. Does the skill also work without Amazon/Alexa?

"RingABell" can only be downloaded in the Alexa Store and can therefore only be used with an Alexa end device.

4. What does this cost me?

"RingABell" is completely free of charge.

5. Can "RingABell" give me weather specific reminders?

Yes, "RingABell" takes weather forecasts into account and can thus remind users to wear weather-specific clothing (e.g., an umbrella when it is raining or a hat and scarf when it's cold outside) when they ask for it.

For this, it is necessary that a location is set on the Alexa end device and that the use of location-specific services is allowed.

6. Do I need to set any preferences?

At the moment, the skill does not require the setting of preferences. However, to further personalize "RingABell" Alexa needs to be taught what to additionally remind the user

about. By default, the skill only reminds the user of weather-oriented things, such as taking an umbrella when it is supposed to rain. Everything else has to be told to Alexa specifically.

7. Can "RingABell" integrate online calendars?

No, any reminders must be communicated to the skill itself. "RingABell" cannot remind you of upcoming appointments because the skill cannot activate itself, it is only activated by a call with Alexa.

However, it is possible to set up specific reminders for a specific day and/or times of the day. Furthermore, regularly recurring reminders, such as a Wednesday evening reminder to take the gym bag for regular sports lessons, can be included.

8. Does the skill give me a graphical output?

If the Alexa system has a display, all requested reminders can be shown on it. For this, it must be ensured that the end device supports APL outputs. This can be set in the settings of the device.

However, the display is not optimized for round screens.

9. Can the skill be integrated into my SmartHome system?

Currently, this function does not exist.

10. Is Alexa listening in all the time?

No. Alexa is only activated by the code word "Alexa".

Stakeholder questions

1. What problems can this skill solve?

The stakeholder will be reminded of various things, such as taking keys and cell phone, as soon as he/she leaves home.

2. What technologies do users need?

"RingABell" requires an Amazon Alexa device with internet connection. Furthermore, for the weather feature to be included, location-specific services must be allowed and the Alexa device's location must be set correctly.

3. What is special about "RingABell"? Why can't the default applications be used?

"RingABell" reminds the user of various details when leaving home and can also remind him/her of personalized things. The skill only requires **one** activation when leaving home. "RingABell" thus reminds the user with only one request of all set details, through linguistic and graphical renditions.

4. Which people would use it? At what stage of the Alzheimer's disease would it make sense to use it?

"RingABell" can help affected people to leave their home in an organized way in the later course of their Alzheimer's disease. Early sufferers in particular can benefit from this skill, as they can get into the habit of activating "RingABell" when leaving through the front door and of saving reminders throughout the day.

5. Can Alexa also be activated by leaving through the front door without having to say anything?

This is currently not possible with our skill.

6. Can "RingABell" be integrated into a SmartHome system?

Currently, this function does not exist.