



# MEMORY BEAR

don't let your memories fade

# What is Memory Bear?

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**Memory Bear** is an Amazon Alexa skill designed to help its user keep track of people in their life.

It's an accessibility feature aimed at people facing memory loss, primarily dementia. However, it can be useful for anyone, for example as a tool for remembering important information.

# What can Memory Bear do?

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Memory Bear will keep a **database of people** curated by the user.

Stored information includes:

- the **name** of the person
- their **relationship** to the user
- their **birthday**
- a custom **note**
- a photo



# What can Memory Bear do?

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- **tells** the user information about their relatives
- with Echo Show, it is possible to **upload photos** to be displayed on the screen
- allows the user's relatives to **update information** about themselves
- **makes reminders** to take medicine



# How to use Memory Bear?

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To activate Memory Bear, say „**Alexa, open Memory Bear**”. Then ask Alexa to add someone to your list.

At that point, Memory Bear will lead the conversation asking for required information. Adding a new person is concluded by a confirmation message from Alexa.

# Extensions (Further ideas)

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- Information about relatives could be associated with their phone numbers to allow Alexa to summarize who is calling the user, i.e. „You have a call from Jane, your daughter.”
- There could be a Tracker feature, which notifies the caregiver whenever the user is at a certain distance from a defined location.

# What does Memory Bear help with?



- helps people suffering from memory disorders become **more independent**
- **increases safety** by keeping the caregiver updated
- strengthens the user's **ties** with their family
- **keeps track** of important dates and events
- **replaces** paper notes



# Designing natural interaction for a better customer experience

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- using **SSML tags** to design natural Alexa utterances: pitch, rate and emphasis
- **tone** and **style** adjustments for elderly people, speaking in casual language
- **avoidance** of stressful phrases such as „Do you remember ...?“
- using APL





# Benefits



- easier contact with the user for the family
- relief for the caregiver
- possibility of assistance over long distances
- improvement in the well-being





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an amazon skill by

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