User Stories

1. Appointment reminder

   As an Alzheimer's patient, I want to be reminded of my appointments on a regular basis.

   Acceptance criteria:

   - Voice output through Alexa
   - Display of reminder as push notification on smartphone
   - Appointment reminder consisting of date, time & name of appointment

2. Individual reminder notification

   As an Alzheimer's patient, I want to be reminded of tasks/appointments with individual reminder tones.

   Acceptance Criteria:

   - Classification of appointments into categories
   - Each category has its own individual reminder notification tone
   - Category specific reminder tone is played at the beginning of the appointment reminder by Alexa/smartphone

3. Entry of appointments by the Alzheimer patient (via app)

   As an Alzheimer's patient, I want to be able to enter appointments through my smartphone.

   Acceptance criteria:

   - Entry of date, time & name of appointment

4. Entry of appointments by the Alzheimer patient (via Alexa)

   As an Alzheimer's patient, I want to be able to enter appointments via Alexa voice input.

   Acceptance Criteria:

   - Alexa asks for date, time & name of appointment

5. Assign appointments to categories (Alzheimer patient)

As an Alzheimer patient I want to be able to create different appointment types.

Acceptance criteria:

- Alexa asks for an appointment category when creating an appointment
- Selection of an appointment category in the app

6. Entry of appointments by relatives of the Alzheimer patient (via app)

As a relative of the Alzheimer's patient, I want to be able to enter appointments for the Alzheimer's patient via my smartphone.

Acceptance Criteria:

- Entry of date, time & name of appointment

7. Entry of appointments by relatives of the Alzheimer patient (via Alexa)

As a relative of the Alzheimer's patient, I want to be able to enter appointments for the Alzheimer's patient via Alexa voice input.

Acceptance Criteria:

- Alexa asks for date, time & name of appointment

8. Assigning appointments to categories done by relatives of the Alzheimer patient

As a relative of the Alzheimer's patient, I want to be able to create different appointment types.

Acceptance criteria:

- Alexa asks for an appointment category when creating an appointment
- Selection of an appointment category in the app

9. Setting reminder tones

As a relative of the Alzheimer's patient, I want to be able to create reminder tones for the different appointment types.

Acceptance criteria:

- Selection of an individual reminder tone for appointment category & individual appointments via Alexa

- Setting an individual reminder tone for appointment category & individual appointments in the app

10. New appointment notification

As an Alzheimer's patient, I want to know when a new appointment is entered for me.

Acceptance criteria:

- Push message on Alzheimer's patient's smartphone if a new appointment has been entered

- Alexa informs Alzheimer patients if a new appointment has been entered

11. Information about the appointment creator

As an Alzheimer patient, I want to know who entered the respective appointment.

Acceptance criteria:

- Additional information about the appointment creator is found in the appointment notification

12. Confirmation/rejection of appointments

As an Alzheimer's patient, I want to be able to confirm/reject appointments entered for me

Acceptance criteria:

- Alexa asks whether an appointment (entered by another person) is to be confirmed or rejected

13. Setting an appointment reminder

As a relative of the Alzheimer's patient, I want to define how often/when the Alzheimer's patient should be reminded of his appointments

Acceptance criteria:

- Setting the reminder times in the app/via Alexa

14. Editing/deleting appointments by Alzheimer patients

As an Alzheimer's patient, I want to be able to edit/delete appointments afterwards.

Acceptance criteria:

- Instructing Alexa to select an appointment for deletion/editing

- Access to properties of an appointment to edit it

15. Editing/deleting appointments by relatives

As a relative of the Alzheimer's patient, I want to be able to delete appointments.

Acceptance criteria:

- Instructing Alexa to select an appointment for deletion/editing

- Accessing properties of an appointment to edit it

16. Notification of relatives when an appointment is changed/deleted.

As a relative of the Alzheimer's patient, I want to be notified when the Alzheimer's patient rejects, deletes or edits an appointment

Acceptance Criteria:

- Notification of the change through Alexa/push notification on smartphone

- Ability to request a new appointment suggestion

17. Reminder quiz

As an Alzheimer's patient, I want to be asked the time of upcoming appointments through a daily quiz to train my memory

Acceptance Criteria:

- Alexa asks Alzheimer's patient for the time of upcoming appointments

- Alexa praises Alzheimer's patient if the time correct

- Alexa reminds Alzheimer's patient of the correct time if the named time is not correct

18. Print an appointment overview

As an Alzheimer's patient, I want to be able to easily print a daily/weekly overview of my appointments

Acceptance Criteria:

- Calendar application needs PDF conversion
- Calendar application needs printer interface

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