

Use Case Description Template

Adopted with some modifications: <https://www.projectmanagementdocs.com/>

| | | | |
|---------------------------|--|----------------------------|------------------|
| Name of Use Case: | Remind to take meds | | |
| Created By: | Nesa Nosrattalab | Last Updated By: | Nesa Nosrattalab |
| Date Created: | 24/03/2023 | Last Revision Date: | 01.03.2023 |
| | | | |
| Description: | The wearables alerts the user takes their med when its time. | | |
| Actors: | Primary: Elderly (who wears it) Secondary: Family member, Doctor | | |
| Preconditions: | 1. A plan has already been set about the specific med (the name and the time to take) 2. The information about a chosen family member and the doctor is set up on the device 3. The number and amount of meds are set on the device so the device keeps track of them | | |
| Postconditions: | 1. There should be a snooze button for elderly to choose in case they need to take it a bit later 2. The details of the med will be updated 3. The history of all meds will be recorded | | |
| Main Flow: | 1. When it's time for taking a med, the wearable's alarm goes on and starts vibrating 2. The elderly can see the name and amount of the med that they need to take on the screen of wearable 3. The alarm does not go off until the elderly confirms that they took the med (clicking on the done button) 4. After the alarm is off it updates the remaining amount of the taken med | | |
| Alternative Flows: | 5. In step 4 of the normal flow, if the med is running low <ol style="list-style-type: none"> Device sends a message to the set family member to remind them to buy new meds 6. In step 3 of the normal flow, if the alarm does not go off after an hour <ol style="list-style-type: none"> It will send an emergency message to doctor and family member to inform them | | |
| Exceptions: | 2. In step 4 of the normal flow, if they don't need to take that med anymore: <ul style="list-style-type: none"> They will click on cancel this med button The alarm goes off That med will be removed | | |

| | |
|-------------------------------------|---|
| | <ul style="list-style-type: none"> • A message will be send to the doctor |
| Non-Functional Requirements: | <p>The following requirements must be met before execution of the use case</p> <ol style="list-style-type: none"> 1. All the wearable functionalities must meet the requirements of a portable device. Alerting and messaging, ... 2. Device can alert in some ways (vibration and sound) |