Home Buddy App

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Story

• The app „Home Buddy“ is meant to start an emergency call to relatives or a doctor or a selected person from the contact list if a self defined keyword like „help“ or „heart attack“ is spoken out loud or if no movement has been detected by the movement sensor after a self defined amount of time.

• The app will communicate with movement and sound sensors. In settings a person can define how much time goes by without movement before an emergency call is issued, if the dream watcher is activated.

• If the dream watcher is on, and it detects no movement after the predefined time, then an alarm is set off. If the alarm is not deactivated by the user, an emergency call will be triggered. During the call, the Home Buddy sends the users data via SMS as well as the triggering event.
### Persona

#### Needs
- I need a way to notify people that care for me in case of an emergency while I’m alone
- I need to feel safe while I’m alone
- At my age it is possible I just don’t wake up and need to inform my family

#### Responsibilities
- Keep family informed regarding well being & health
- Keep doctor informed regarding well being & health

#### Pain points
- Don’t want to stress my family
- Can’t afford a full time nurse at home

#### About Mimi
- 75-year-old widow
- Mobile, healthy & energetic
- Beloved grandmother
- Likes being independent and living alone

#### Main goals
- Stay independent and feel safe
- Be able to notify someone in case of an emergency
- Be able to notify someone in case an emergency occurs while sleeping

“I like being independent and feeling safe”
Point of view

• As an elder person living alone I need a way to notify my relatives or my doc if I’m having health issues so that nobody has to worry while everything is fine.
## User Experience Journey

<table>
<thead>
<tr>
<th>ACTIONS</th>
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</thead>
<tbody>
<tr>
<td>Enter home</td>
<td>Activate emergency home sensors with home buddy app</td>
<td>Test home buddy by shouting help</td>
<td>Interrupt emergency call by pressing cancel on app</td>
<td>Get ready to sleep</td>
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<tr>
<th>MINDSET</th>
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<tr>
<td>“Home, sweet home”</td>
<td>“If only this pain in the chest weren’t there. I think I danced too much”</td>
<td>“Hmm, I hope nothing happens, but I should activate the app. If I don’t feel well, at least I can ask for help”</td>
<td>“I’ll rather test if the app works. I’ll shout for help and see what happens”</td>
<td>“Yees! It works”</td>
<td>“Oh, I should press cancel quickly before someone gets worried”</td>
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<tr>
<td>“Ou, it’s quite late. I should go to sleep.”</td>
<td>“But first I should activate the dream watcher in the app”</td>
<td>“With the app watching over me, I feel really safe and can have a nice long sleep”</td>
<td></td>
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Prototype – define settings

Define contact to call

Define keywords for sound sensor

Define timer for movement sensor / dream watcher
Prototype – use Home Buddy app

Activate Home Buddy (dream watcher and emergency notifier)

Movement and sound sensors activated

Keyword detected by sound sensor or no movement detected by dream watcher

Screen changes

Count down for emergency call is started. If „Cancel“ is not pressed, the call is executed

Cancel was not pressed, so an emergency call to the designated contact is started. The app sends simultaneously the users data via SMS as well as the triggering event.