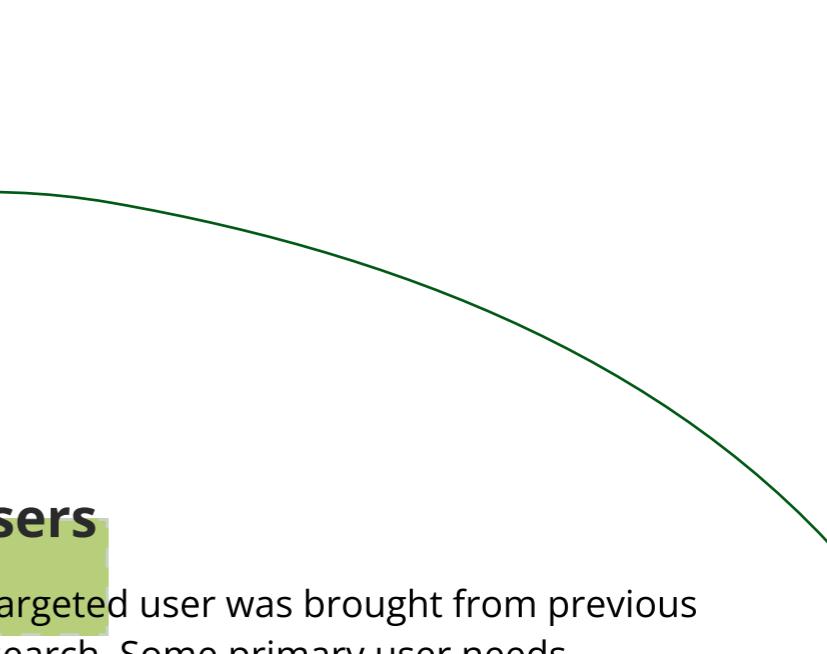


# Case study

Julia Bohlin

## Project description

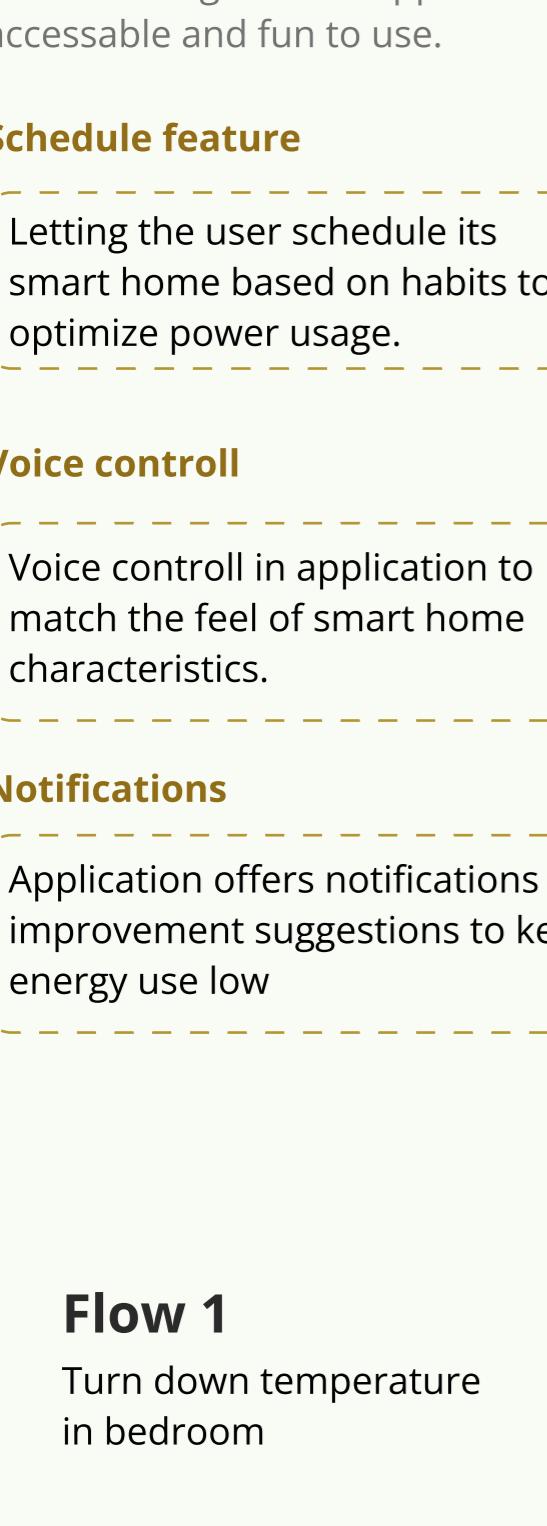
- User profiles and user needs
- Process
  - Wireframes
  - Typography and color
  - Hi-Fi



## Project description

- 1** Homegy want to be seen as a company in the forefront of sustainability. They want to help users monitor their appliances energy use, with automated alerts, and making the smart home scheduled to the user's life.

## The user



- 60% male 40% female
- Most popular among ages 30-50
- Home owners and renters

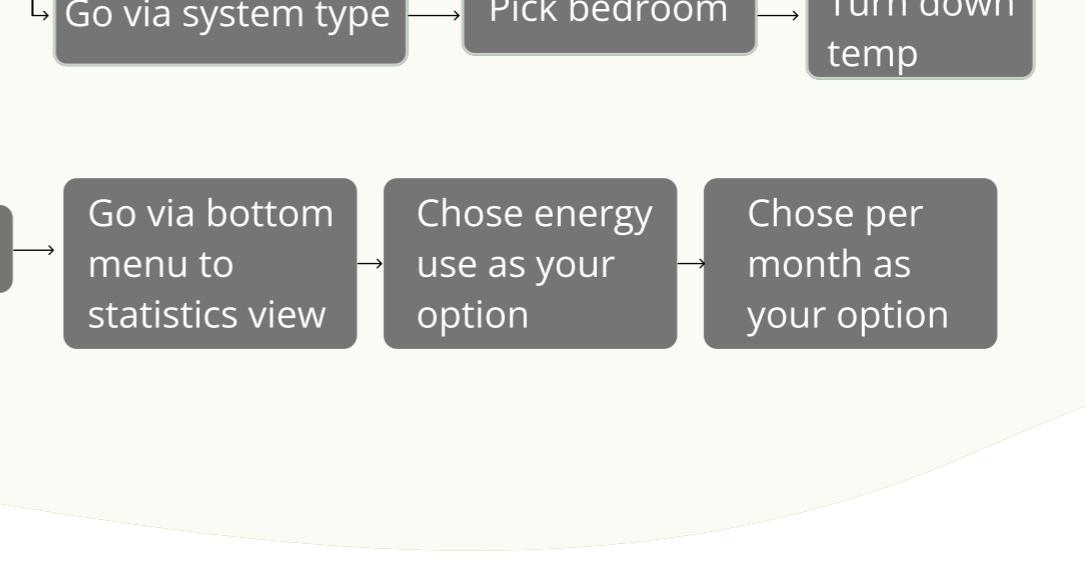
## Process

- 3** The user needs were then used to generate possible solutions through a bit of brainstorming to determining goals, and later user flows.

## Users

- 2** A targeted user was brought from previous research. Some primary user needs were singled out based on user comments.

## User needs



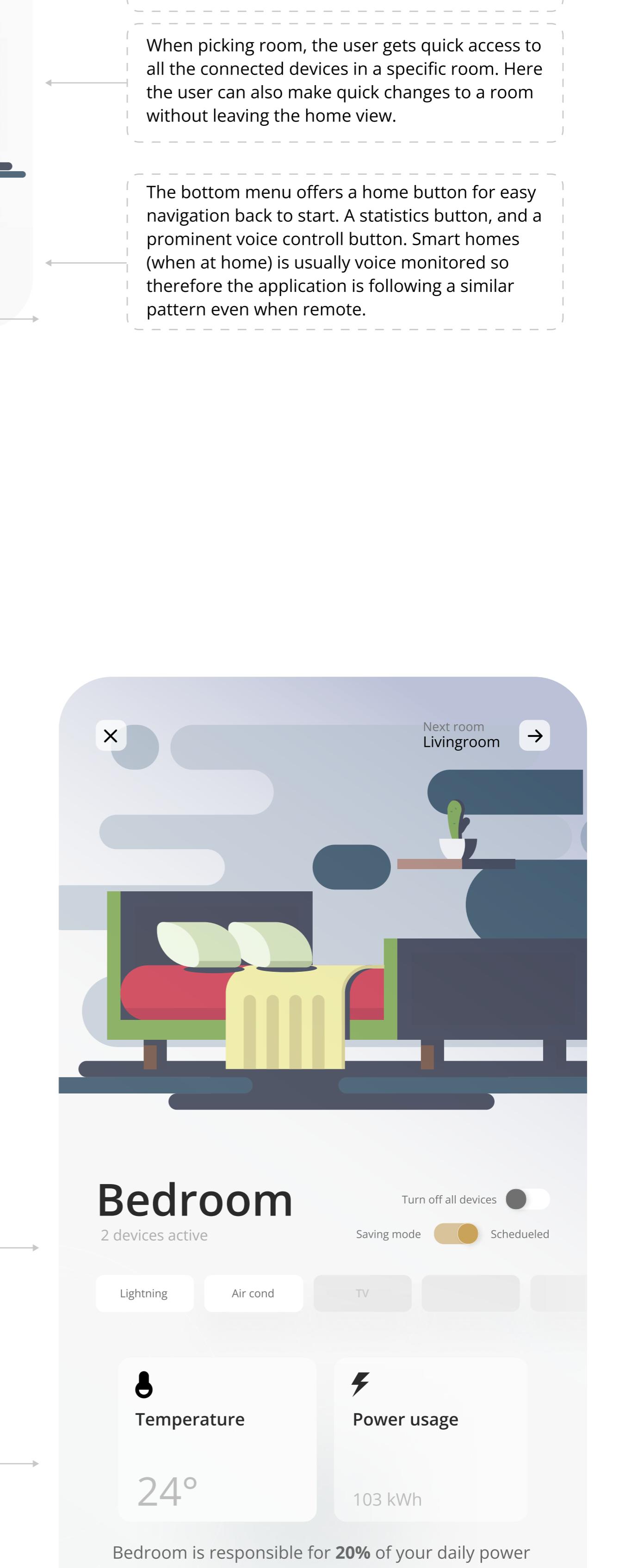
## Goals for the design

The main angle of the application is to provide users with tools to live more sustainable and therefore save money, while being accessible and fun to use.

## 4 Wireframes

Wireframes were made to establish main features and navigation of application.

Statistics on energy consumption and possible money expenses throughout day, week, month, and year.



## 5 Typography and color

Open Sans Light Open Sans Regular Open Sans Medium Open Sans Bold

Primary brand colors

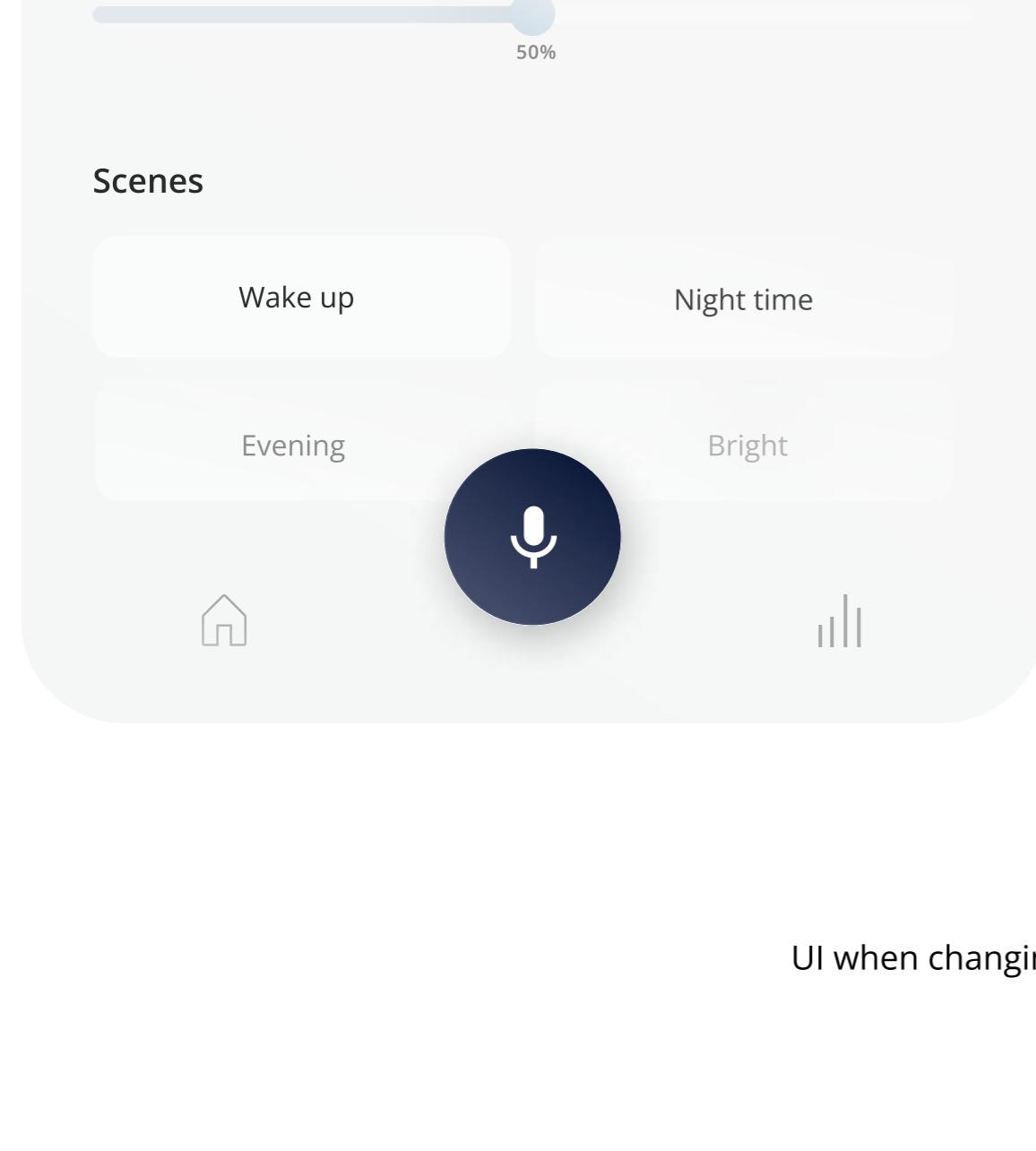
Secondary brand colors

## 6 Hi-Fi

- Resulting Hi-Fi's based on previous user needs exploration and project description.

## The home-/landing view

The aim for this view is to have crucial content visible and easy to reach for the user from the start. Making it easy to monitor your smart home and make changes quickly.



## The settings icon

Here you can detect, add, remove or edit devices, control what content you want visible, set schedule, find out more about functions, support and similar.

The application will send out notifications on suggestions for changes that can be made for saving energy. Say, a temperature is set to an unnecessary high and is causing power drain when the outside temperature rises.

One way the smart home system is meant out to save energy is through the user setting an app schedule on their day. Devices then respond to when the user is expected to be home. The saving feature is when all devices are put into the lowest form of energy use while still being relevant.

A quick showing of temperature outside as well as inside.

The application offers a display of the current energy consumption through measuring the energy saved compared to other days (energy saving). Instead of consumption to keep a positive tone. A decision was made not to directly show money expenses in the home view for that same reason.

## Room view

Through this view, a user is able to monitor and control a specific room.



When monitoring and making changes to connected devices, the user can reach them via a specific device system or room. When picking system, the user can easily make big changes for the whole home e.g. turn off all the lights.

When picking room, the user gets quick access to all the connected devices in a specific room. Here the user can also make quick changes to a room without leaving the home view.

The bottom menu offers a home button for easy navigation back to start, a statistics button, and a prominent voice control icon. Smart homes (when at home) are usually voice monitored so therefore the application is following a similar pattern even when remote.

You can leave this view or move on to another device system.

The user picks what room, or all rooms, they want affected by the changes made to the devices.

The user can choose to turn on/off all devices within this system at once, and set mode.

Offers for changes depending on what type of device. Here the user can set hue and amount of brightness wanted.

The user can set scenes as a complement to mode. E.g. if a day shifts away from your expected schedule, you can easily make changes that matches that occasion.

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