

IoT Product Pitch



Ergo Fridge

Ergo Fridge : Use Case

Problematic

- ▶ It's Saturday Morning and you have to go the Supermarket to do your weekly Shopping. But you don't remember anymore what is missing in your fridge.
- ▶ Most of us are too busy to note during the week what they need to buy.

Solution

- ▶ Ergo Fridge is a smart, connected product that detects the missing food in your fridge.
- ▶ It has a predictive and supervision system that can watch your behavior and store your purchase history.



How does it work?

- ▶ The fridge shelves has weight sensors to detect when the products are set or taken from the shelves.
- ▶ The fridge system sends data to the Mobile app to inform the user about the available products.
- ▶ Cameras able to distinguish the products types and name.

Ergo Fridge : Components

Product Infrastructure

1. The Fridge with a connected System
2. Mobile app to control the temperature, display products states inside the fridge and suggest a list of „products to buy“

Sensors

1. Digital thermometer connected to mobile app, able to send and right back control command to monitor the fridge temperature
2. Weight sensors to detect the existing products in the shelves
3. Cameras to extract the products names and shapes

Connectivity

Wifi connection to connect with mobile app.

Analytics

The information from sensors and cameras are sent to an analytic and predictive system to finally suggest a list of missing products and offer recommendations for an ergonomic and healthy customer user behavior.

Smart App

The Ergo Fridge is connected to its mobile app.
Using your phone, you can control the Fridge temperature, check what is inside and have a look at the generated list of your regular missing products and other recommendations.

Ergo Fridge : User Story

Lighting, security and entertainment are now part of the Smart House projects.

Ergo Fridge can be considered as an addition to this big project to give user more comfort.

Being a 3 children mother or a young man with busy professional life, you are not always available to think about what you need to buy next time you go to the supermarket. Or even sometimes, you open your fridge, but your favorite yogurt is out of stock.

Using Ergo Fridge, you can from your mobile phone:

- get a notification when your favorite food is not available in your fridge anymore.
- Check the full list of the mandatory products that you need to buy.
- get recommendations for better consumption.
- Monitor your fridge temperature.
- Lock the fridge.

