

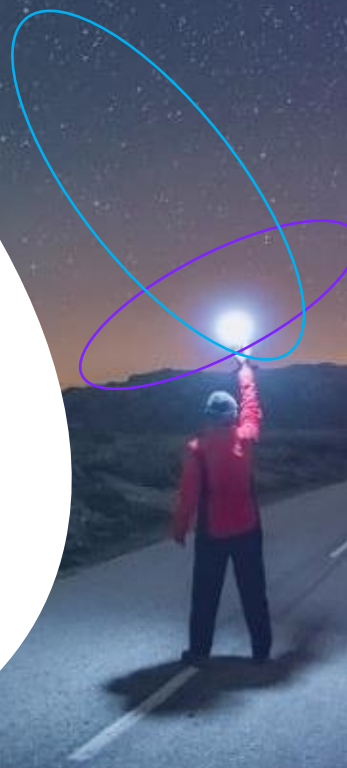


by **HELIOT**  
EUROPE

# IoT Food Delivery Monitoring

TUM Hackathon

Munich, 11.10.2021



# Motivation

Today, food delivery is more common than ever. There is now a higher demand for convenience, which is why food delivery apps are so popular these days.

With such an increasing demand, the apps need to respect 3 criteria:

Time

Quality of the food

Efficient delivery

# Challenge

- **Current Process of Food delivery:**



Customer orders on mobile app



The order is prepared



Delivery is picked up



Delivery is brought to the customer

- **Your goal: How the IoT can optimize the existing food delivery chain?**

We provide a smart label (IoT Tag) and your goal is to integrate it to the current food delivery process to optimize it

# Smart label information

- Temperature Monitoring
- Notification when Food Box is opened
- Localization

1

Scan QR code and link device ID to application



2

Cut selected temperature setting with normal scissors



3

Attach to stock (self-adhesive)



4

Receive notification if temperature is exceeded or seal is broken



# Your profile



- Interest in IoT technologies
- Data Science



- Basic coding knowledge
- Radio knowledge
- Plus: Sigfox Protocol



- Teamwork
- Creative
- Curious



**sigfox**  
germany

by **HELIOT**  
EUROPE

## More information:

<https://sigfox.de/>

<https://support.sigfox.com/>

