

We met weekly online and helped each other throughout the project.

This list is not exhaustive, every team member worked on almost all the parts of the project when the need arised.

And we met up on the last day for a final test.

Kevin Nguyen:

- Set up React Starting Project
- Installed MUI
- Created UI mockups for the frontend
- Created login page
- Created mockup views with mock up data
- Implemented general functions in the frontend (e.g. create, delete etc.)
- Worked on issues regarding the frontend (e.g. bugs, errors)

Paul Schwind:

- Wired together Raspberry Pi
- Developed code for embedded system
 - LED blinking & darkness detection
 - automatic warning blinking when box is open for too long
 - a mock system just for easier testing (not used in the demo)
 - communication with backend
- backend
 - Added close endpoint
 - Worked on the CRUD operations for deliveries
 - Fixes a lot of issues we discovered (see issues list)
- frontend
 - created connection functions for API access
 - implemented CRUD frontend for users page
 - worked on more pages together with others
- general
 - Met with Ufuk for 2 day-long testing sessions

Osman Ufuk Yagmur

- backend
 - Box CRUD options created
 - User Authorization linked with Auth Service from Delivery Service
 - Authenticate RFID tokens to open box
 - Delivery Service bug and flow fixes
 - General bug fixing
- Frontend
 - General Bug fixes
 - show buttons, api call errors etc
- General
 - Met with Paul for 2 day-long testing sessions

Mohamed Bilel Besrour:

- Backend development for the following requirements:
 - Box Management
 - Box Unlock
 - User Management
 - Email Notification
- Authentication/Authorization
- CSRF Protection (Backend, frontend)
- Worked on several other issues in different parts of the project (Gitlab issue list)

Nour Bouzid:

- Set up pipeline
- Set up cloud platform (Linode)
- Set up database and database hosting (Atlas)
- set up Docker and dockerized all services
- worked on containers orchestration with docker compose
- set up project structure and env variables
- worked on api design
- created models for the architecture and the pipeline
- added CORS configurations
- setup hosting and https
- set up discovery server
- set up api gateway
- some frontend tasks
- some backend tasks
- worked on documentation (readme and wiki)