

CONTRIBUTIONS

Joaquín Murcia Ballesta

User Management

- Creation of the UserManagement microservice's structure (set up models, repository, controller, service)

Continuous Integration & Deployment

- Containerization of the microservices through Docker and Docker Compose
- Scalability of the microservices through Docker Swarm and Docker Compose
- Continuous integration through Gitlab CI
- Continuous Deployment through Gitlab CI, and using AWS EC2 instances to deploy the microservices and make them publicly accessible by a web browser

Josef Kamysek

API Gateway & Service Discovery

- Added API gateway which serves as single entry point to the system
- Specified routes to the individual services e.g. /usermanagement/
- Configured eureka discovery service and added config for service discovery to every service

Delivery Management

- Creation of initial version of delivery management service
- Added initial version of CRUD Requests (Create deliveries, get filtered deliveries, get single delivery, update single delivery, delete single delivery)
- Added initial postman requests for delivery management
- Made adjustments to delivery model

Box Management

- Creation of initial version of box management service
- Added initial version of CRUD Requests (Create boxes, get boxes with filter condition, get single box, update single box, delete single box)
- Added initial postman requests for box management

User Management

- Added initial version of CRUD Requests (Create users, get users with filter condition, get single user, update single user, delete single user)
- Made adjustments to user model

Charles Donven

Delivery Management (UI service)

- Build the whole react-redux application. This includes the Login, User Management, Delivery Management and Box Management Components.
- Connected the App to the Backend using the CRUD requests.

Security Configuration

- Get CORS setup as needed

- Support JWT authentication
- Cookie handling

Backend

- Help fix bugs and adding functionality as needed

Jonas Lang

Delivery Management

- Implemented logic according to requirements (basic CRUD Operations and additional microservices for easier client handling)
- Extended Postman Collection for full functionality in DeliveryManagement.

Box Management

- Implemented logic according to requirements (basic CRUD Operations and additional microservices for easier client handling).
- Extended Postman Collection for full functionality in BoxManagement.

EmailNotification

- Implemented the service

User Management

- Implemented basic logic such that Delivery and Box Management can check with User Management if requests are allowed beyond PreAuthorize.

Erik Riedel

Delivery Management

- Added missing functionality as needed
- Fix bugs and authorization Logic
- Setup JWT support

User Management

- Introduce basic user roles and login
- Setup basic auth
- Setup JWT auth
- Get Authentication working
- Fix bugs and missing functionality as needed
- Setup Postman examples to get used to authentication and management API

Box Management

- Fix bugs and missing functionality as needed
- Setup JWT auth

Security Configuration

- CORS Configuration
- Get JWT authentication working
- Add filters and Spring Security Context support

Frontend

- Helped setup connection with backend and CORS configuration and debugging problems with JWT

Raspberry Pi

- Setup Hardware
- Setup network connection
- Box requests and internal logic