RentAll

A goods sharing platform

by Romaneasca G7

What we want to introduce to the public

- A platform on which you can borrow what you want and need for a period of time and save yourself the money spent on buying that product. Especially when it eventually ends up in the corner of your bedroom.

- A way in which you can make some money by trading the objects you don't need now but you don't want to sell for good.

The team behind the keyboard

Branea Alexandru

Candet Andrei Gabriel

Ceausoglu George Eduard

Ceaca Mocan Mircea Radu

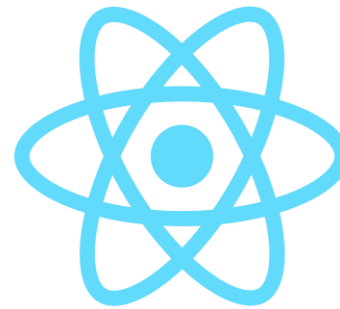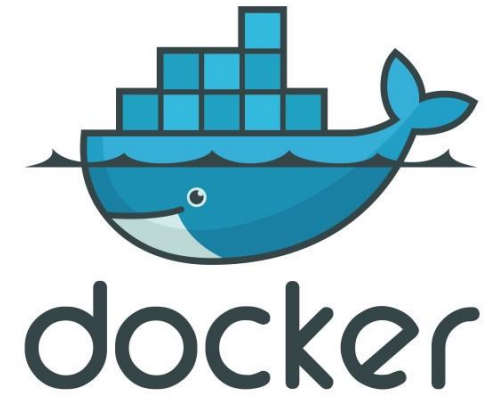Corlaci Andreea Maria

Pop Daniel Avram

Pop Vlad

Popa Alex Ovidiu

Radu Ana-Maria

Used technologies

React

HTTP REST

Docker container

RESTful API
Swagger UI

JUnit 5, Mockito

Testing

RentAll

Java 8, Spring, Hibernate

Login \ Register

JWT

Spring Data Jpa

SQL Server

TCP/IP

MSSQL

Microsoft
SQL Server
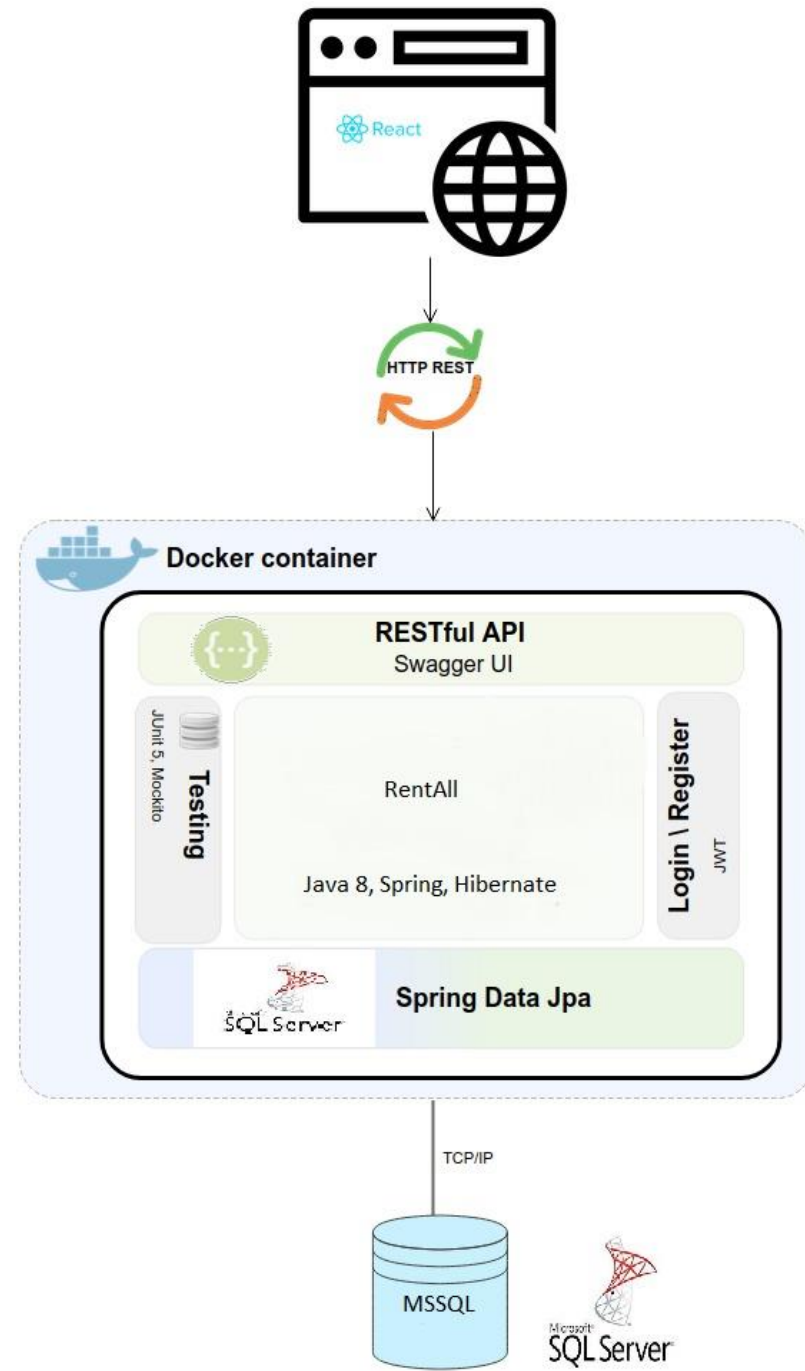
Main use cases

- Posting part:
    - Make yourself an account, go to the "Post Object " section and everything is described for you in an easy-to-follow manner.
    - Add photos, describe the object and set the time frame and the price for day
    - Now wait for people to contact you, and accept the request you feel suits you best.

Main use cases

- Borrowing part:
  - Make an account and start searching for your needed object
  - Filter based on your preferred categories, price range a.s.o.
  - If you like what you found go through the lending process that is very easy to understand.

Agile Development

- Worked in one week sprints, where at each end of the week we would have a review and planning session, the tasks of which would sometimes overlap the ones for the lab work.

- Weekly meetings lasted around 25-30 minutes, depending on how much we had to discuss.

Challenges

- Building the project skeleton, both on the backend and frontend

- Maintaining the API contract with every new issue

- Lack of experience for some team members with the Agile methodology

Monetization

- Take a percentage of the rental fee

- Offer ads

- Subscription system

- Vouchers

Business Model

- Customer Segments: anyone who wants to lend an item or is looking for one

- Value proposition: price flexibility

- Channels: external ads, social media

- Customer relationship: premium boosts, less fee % in time, feedback forms, call center/mail support

- Revenue streams: per-loan-fee, subscription, ads on the platform

- Key activities: user communication, item transparency

- Key resources: services

- Key partners: hosting/ advertising/ marketing firms

- Cost structure: host/maintenance, employees, rent/utilities, taxes, marketing

Future Features

- Admin section

- User chat

- User statistics

Thank you!
Questions?