Visjo!

Carlos Rodriguez - PM & Frontend
Daniel Heger - Frontend
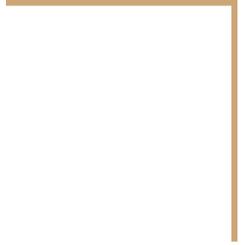**Matthias Reisacher** - Backend
Onur Gürcay - Co-PM & Frontend

Content

- Project idea
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- Open Data/Maps
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Project Idea

Project Idea

- Visual Journey
- Web application
- Using images and a map
- GeoTag in images $\rightarrow$ shown on a map via markers
- Visualize the locations of where the image was taken on a map
- OpenData provides the map content (Mapbox/OpenStreetMap)
- and is integrated with yet another OpenSource Library (Leaflet)

Goal of VisJo: to connect a location on a map to a certain place in one's mind
$\rightarrow$ useful for holidays, journeys, showing where you have been

Live Demo

Roadmap
&
Group Communication

29.11.2019 - Second Project Meeting

29.11.2019 - Basis of Backend functionalities

03.12.2019 - Team Meeting

10.12.2019 - Team Meeting (if necessary)

17.12.2019 - Team Meeting

09.01.2020 - Working "Must do" features

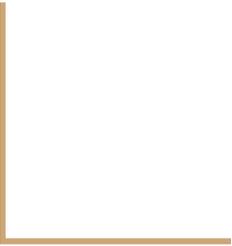10.01.2020 - Third and last Project Meeting

20.01.2020 - Finishing must-haves
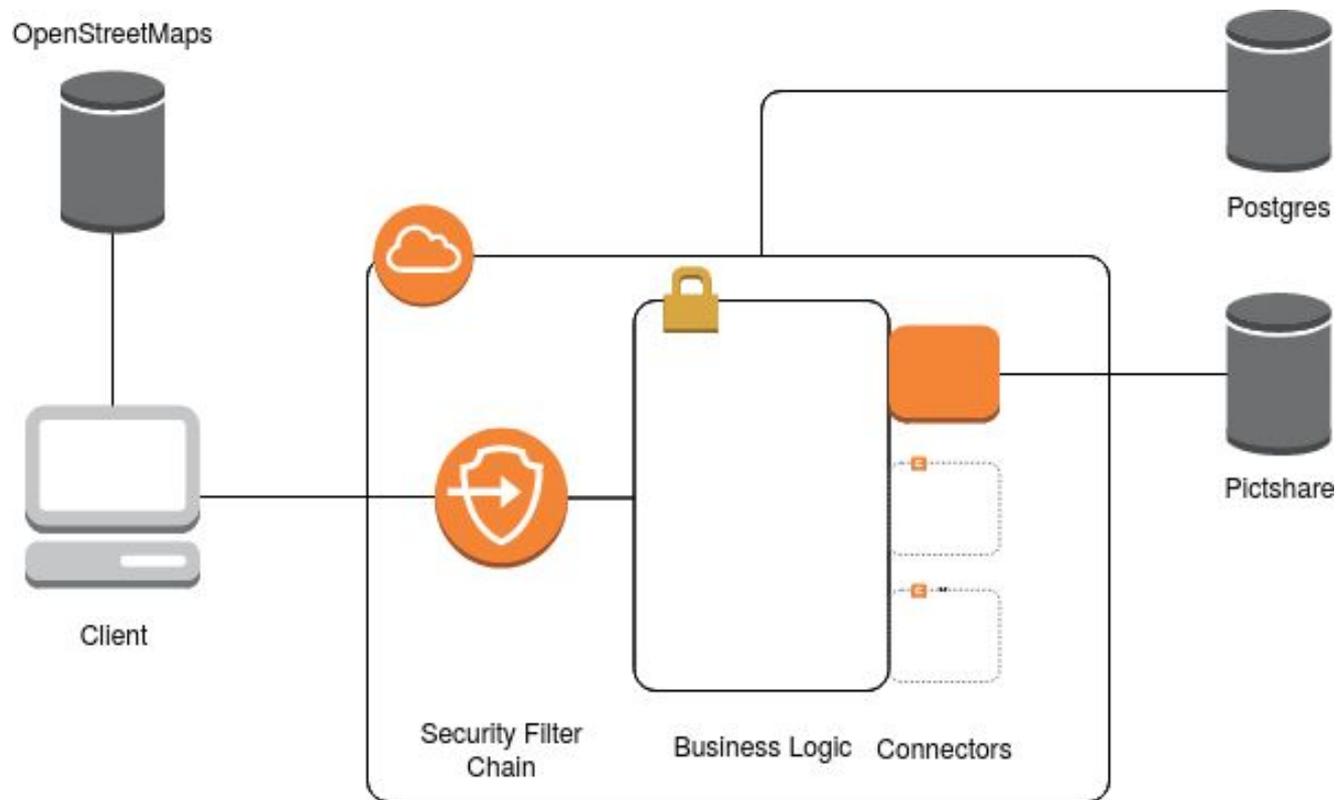
23.01.2020 - Finished presentation

24.01.2020 - End-presentation

Architecture

Architecture

OpenStreetMaps

Postgres

Pictshare

Client

Security Filter Chain

Business Logic

Connectors

Technologies & Recommended Environment
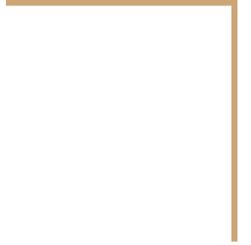
Technologies

- Angular
- Typescript
- Leaflet
- Spring
- Pictshare

Recommended Environment

- Docker
- UNIX OS

Setup instructions for UNIX and Windows 10 are available on Github.

About The Project

Project Plan vs Current State

Currently Available Features

- Map-based visualization
- Upload of images
- Show the images and their world coordinates on the map
- Share code for journeys
- and view a shared journey without any account
- Edit metadata of pictures

Excluded Features

- Journey description
- Image comments
- Filter (e.g. location, country, ...)
- Statistics (e.g. distance traveled during journey)
- Edit/Delete journey/image
- Validation

Lessons Learned

https://github.com/peybl/visjo