

2020-11-3 Sprint Review & Planning - "Abstract Connoisseurs"

Date & Time

3.11.2020, 9:45 - 13:00 Uhr
Berlin, HTW, via Teams

Participants

- Trzewik, Torsten
- Magnus , Robert
- Mhiri, Mohamed Youssef
- Jaziri, Mohamed Lazhar
- Schönknecht, Erick

Dates of the Sprint

21.10.2020 - 04.11.2020

Review

General part

- Basic understanding of the MEAN stack acquired
- First Implementation of Frontend and Backend
- Basic understanding of HTML acquired
- Better handling of GitLab after working more with it

UI part

- Map was implemented in Angular (OpenStreetMap)
- UX-design not done yet
- Basic understanding of CSS acquired

Database part

- Database access dates: Tue, 03 Nov 2020 21:01:58 GMT
Tue, 03 Nov 2020 22:12:43 GMT
- Number of documents in the MongoDB can be viewed in the browser via Get-request

Backend part

- Important dependencies were included (Mongoose, Nodemon, Express)
- Json file alongside with the main app file were created
- Connection between MongoDB and backend established

Planned Issues

- Connect backend to frontend and show the data from database in frontend
- Show locations of wind turbines
- Write some test queries to better understand MongoDB
- Green Jenkins job (which builds project)
- Analyse required statistics

Sprint Goal

UI part

- Look up how data can be received from backend
- Draw points for the wind turbine locations on the map based on received data
- Make UX-Design
- Show data from MongoDB in web UI

Database part

- Write query to get the longitude and latitude of every wind turbine
- Analyse quality of data

Backend part

- Look up how to send data to the frontend

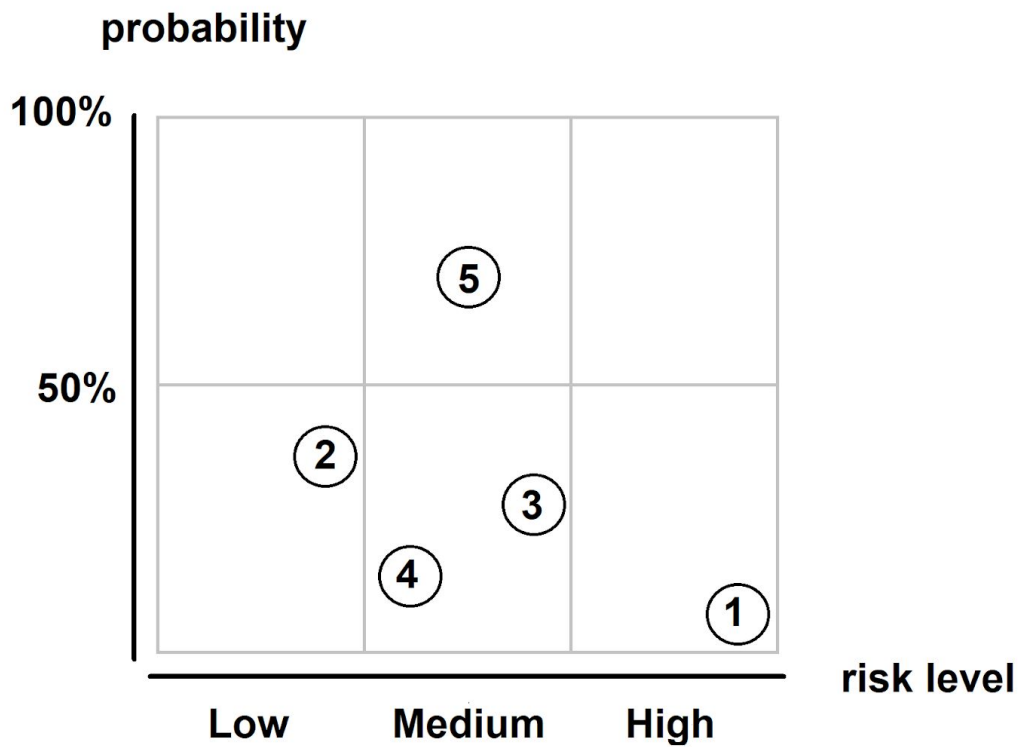
Need help with

- Jenkins and Sonar setup and use

Risks (problems with 100% probability)

- MongoDB format new for us
- No knowledge of Jenkins and Sonar

Risk matrix



1 data loss

2 communication problems

3 time problems because of other projects

4 illness

5 no prior web development knowledge -> delays