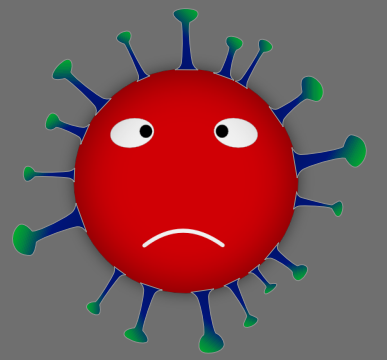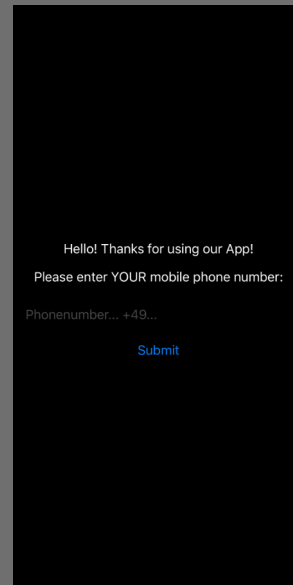# Uncoronainfectify

Prevention starts with your friends

Multiple measures against the Coronavirus have been agreed upon already, by the government. By that the reproduction rate should be lowered to <= 1 and infection chains should be avoided. An effective measure is to keep track of meetings, e.g. visits of restaurants, where multiple people meet. In case one person gets infected he would inform the restaurant owner, so that he could inform all other guests that visited the restaurant in this time period. While there is a tracking for persons at public places, this is not the case for private meetings. The app Uncoronainfectify solves that problem. Every user has his unique barcode that represents him. Other users such as friends can scan this barcode to register a meeting at a certain location for a given date. In the unfortunate case that one of both is tested COVID-19 positive, he can inform all other app users that he met with, so that they would get a notification including an anonymous warning. All persons that are informed then, should take responsibility and stay at home to isolate themselves for ideally two weeks.
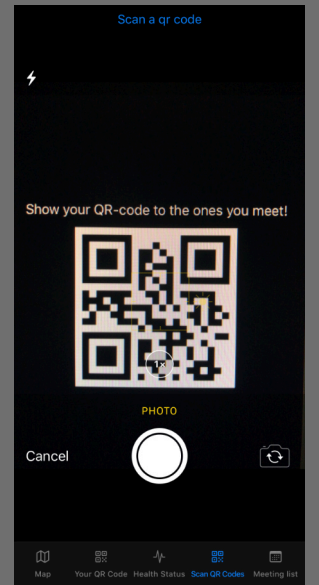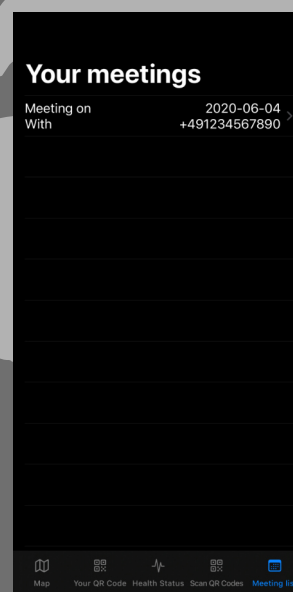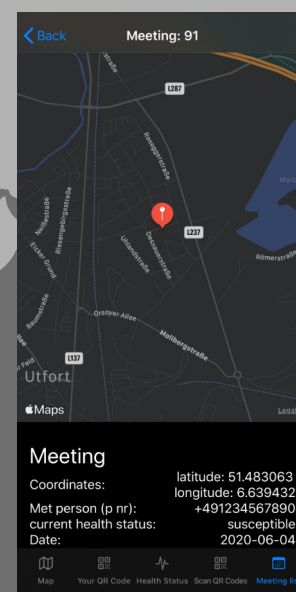
Sign Up!

Hello! Thanks for using our App!
Please enter YOUR mobile phone number:

Phonenumber... +49...

Submit

Get a code!

Show your QR-code to the ones you meet!

Scan Codes

Scan a qr code

Show your QR-code to the ones you meet!

PHOTO

Cancel

Track your meetings

Your meetings

Meeting on   2020-06-04
With   +491234567890

View details

Back   Meeting: 91

Maps

Meeting

Coordinates: latitude: 51.483063
                     longitude: 6.639432
Met person (p nr):   +491234567890
current health status: susceptible
Date: 2020-06-04

Tell everyone you are sick!

Select your current health status

susceptible

ill

immune
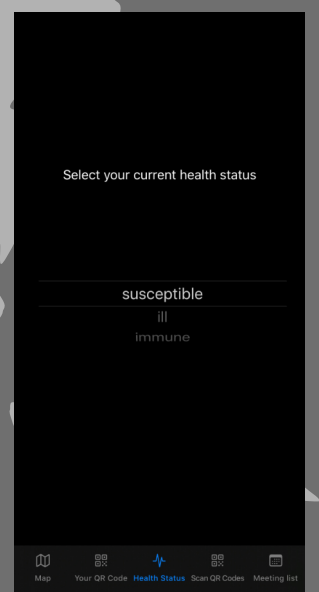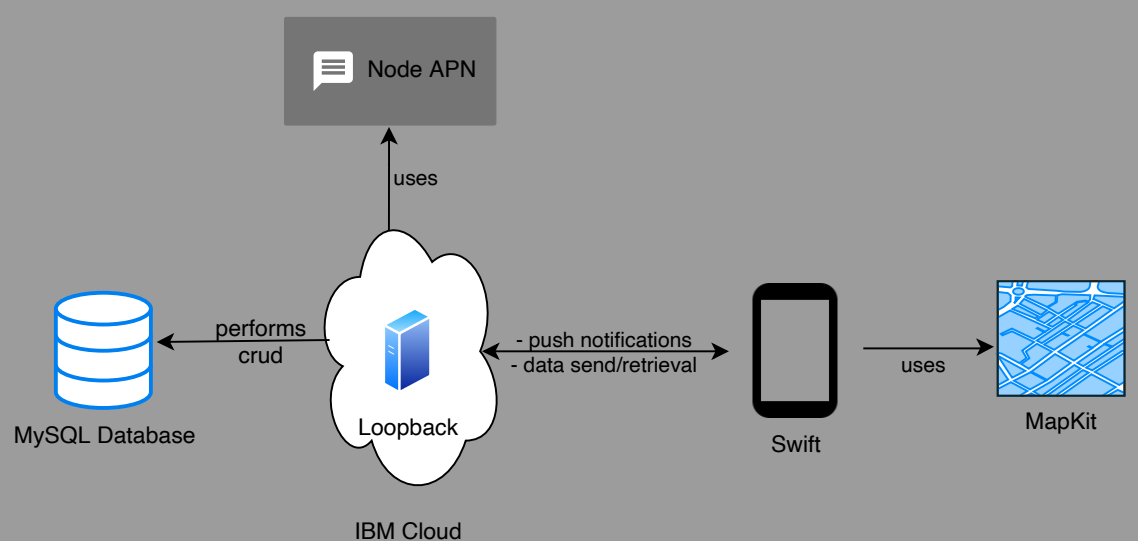
App Architecture

The app is available for all IOS devices and is purely based on Swift. MapKit is used as a location service. Crud Operations are provided by Loopback that is deployed in cloud IBM. Data is stored in a MySQL database that is hosted by remotemyslq.com. Push notifications are sent by node APM which is as well integrated in the loopback application.

Node APN

uses

MySQL Database ← performs crud — Loopback — - push notifications / - data send/retrieval → Swift → uses → MapKit

IBM Cloud

STOP THE PANDEMIC!