NIKOS MISOFIS

WEB DEVELOPER







HACKATHON PRESENTATION





Project analysis and further implementation

Sacchon - A Diabetes Management Web Application

- Analysed current project
- Created requirements
- Specific changes of the project (github.com/nikomiso/codehub-sacchon)

TODO

- Basic Validation (unique usernames and emails)
- Correct exception/error messages
- Reduce endpoints & make them simpler
- GDPR compliance

BUG

- Patient can add data to a different patient
- Same password can't be added to another user

AWS Deployment

Sacchon - A Diabetes Management Web Application







AWS Deployment

Sacchon - A Diabetes Management Web Application

- AWS Public DNS ec2-13-59-3-121.us-east-2.compute.amazonaws.com
- Amazon RDS SQL Server Endpoint pfizersacchon.c3fw7ocmqcmk.us-east-2.rds.amazonaws.com

Sacchon - A Diabetes Management Web Application



Public and Protected endpoints

PUBLIC

- /ping
- /register

PROTECTED

- Patient
- Doctor
- Chief Doctor

Public and Protected endpoints

- GET Method
- POST Method

PATIENT

- /patientSettings/{id}
- /patient/{patientId}/carb/{carbId}
- /patient/{patientId}/carb/
- /patient/{patientId}/glucose/{glucoseId}
- /patient/{patientId}/glucose/
- /patient/{patientId}/consultation/{consultationId}
- /patient/{patientId}/consultation/
- /patientCarbDailyAverage/{patientId}
- /patientCarbAverage/{patientId}
- /patientGlucoseAverage/{patientId}

DOCTOR

- /doctor/{doctorId}/patient/
- /doctor/{doctorId}/patient/{patientId}
- /doctor/{patientId}/carb/
- /doctor/{patientId}/glucose/
- /doctorPatient/{patientId}/consultation/
- /doctorPatient/{patientId}/consultation/{consultationId}
- /doctor/{doctorId}/unconsultedPatients/
- /doctor/{doctorId}/unconsultedPatient/{unconsultedPatientId}
- /doctor/{doctorId}/needConsultationPatients/
- /doctor/{doctorId}/needConsultationPatient/{needConsultationPatientId}
- /doctor/{doctorId}/consultation/
- /doctor/{doctorId}/consultation/{consultationId}

Public and Protected endpoints

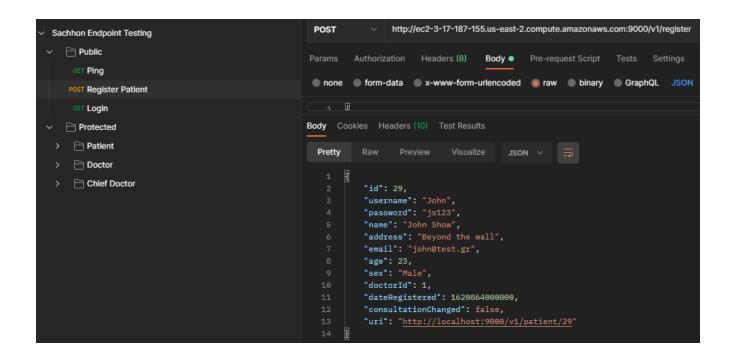
- GET Method
- POST Method

CHIEF DOCTOR

- /chiefDoctor
- /chiefDoctor/{id}
- /patient
- /patient/{id}
- /doctor
- /doctor/{id}
- /carb
- /carb/{id}
- /glucose
- /glucose/{id}

- /consultation
- /consultation/{id}
- /reportPatientCarb/{patientId}
- /reportPatientGlucose/{patientId}
- /reportDoctorConsultation/{doctorId}
- /reportUnconsultedPatient/
- /reportUnconsultedPatientDiff/
- /patientInactive
- /doctorInactive

Creation of a Patient



Chief Doctors' list of all the consultations

```
http://ec2-3-17-187-155.us-east-2.compute.amazonaws.com:9000/v1/consultation
Sachhon Endpoint Testing
                                                         Params Authorization Headers (7) Body Pre-request Script Tests Settings

∨ Protected

                                                        Body Cookies Headers (10) Test Results
> Patient
> P Doctor

∨ ☐ Chief Doctor

     POST Register Doctor
                                                                         "id": 1,
     POST Register Chief Doctor
                                                                         "date": 1623628800000,
                                                                         "medicationName": "flu shot",
         View Chief Doctor data
                                                                         "dosage": 2.0,
      GET View Patient list
                                                                         "comment": "This is the second dosage",
                                                                         "patientId": 23,
         View specific Doctor
                                                                         "doctorId": 1,
       GET View Carb list
         View specific Carb
         View Glucose list
                                                                        "date": 1615680000000,
         View specific Glucose
                                                                         "medicationName": "flu shot",
         Veiw Consultation list
                                                                         "comment": "Need of another dosage",
         View specific Consultation
                                                                         "patientId": 23,
                                                                         "doctorId": 1,
         View Patient needing consultation
                                                                         "uri": "http://localhost:9000/v1/consultation/2"
         View Patient's Carb
```

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THANK YOU!

ANY QUESTIONS?



