

NIKOS MISOFIS

WEB DEVELOPER

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 @nikomiso

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

Frontend Testing – Postman

Sacchon – A Diabetes Management Web Application



POSTMAN



Frontend Testing – Postman

Public and Protected endpoints

PUBLIC

- /ping
- /register

PROTECTED

- Patient
- Doctor
- Chief Doctor

Frontend Testing – Postman

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}

Frontend Testing – Postman

Public and Protected endpoints

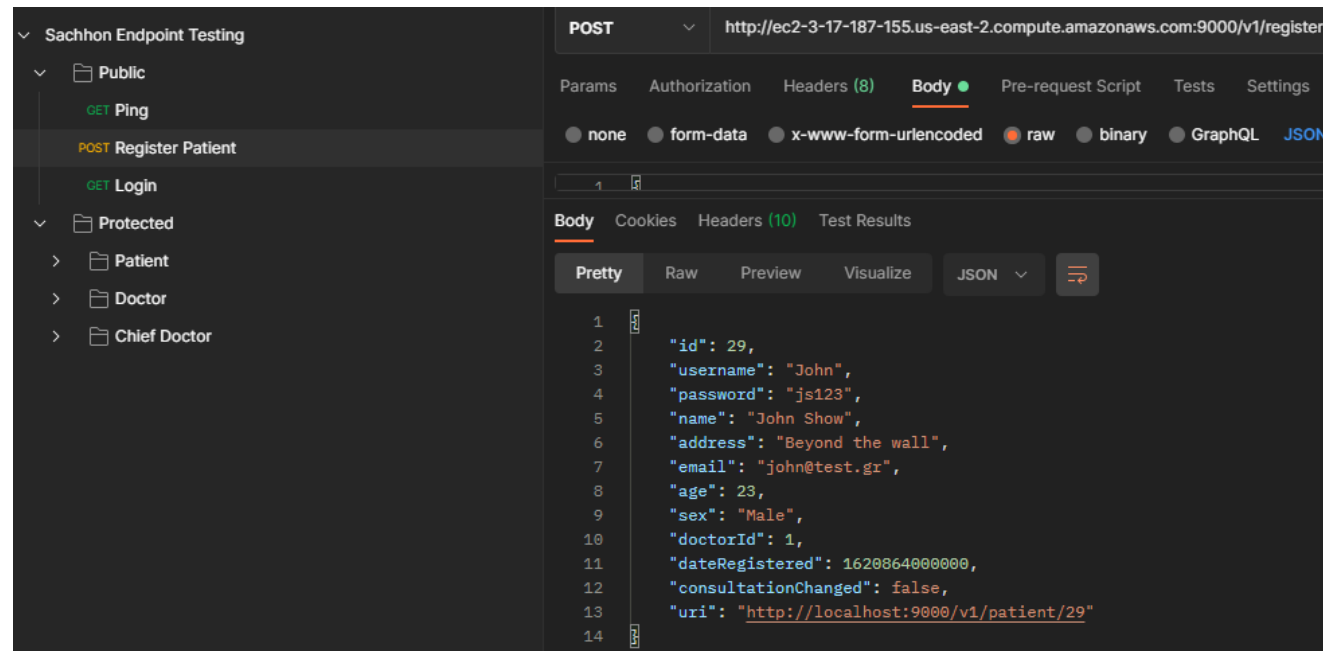
- GET Method
- POST Method

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`

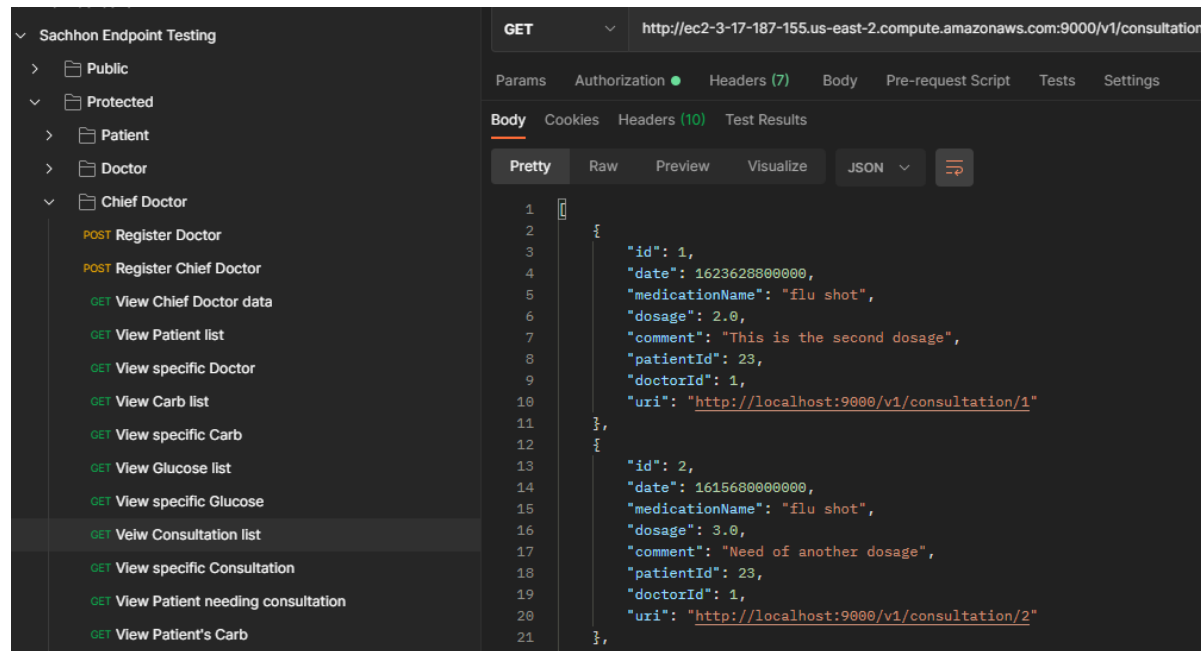
Frontend Testing – Postman

Creation of a Patient



Frontend Testing – Postman


Chief Doctors' list of all the consultations



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THANK YOU!

ANY QUESTIONS?

