



**Quaefacta Health**  
EMPOWER. SECURE. CONNECT.



# Capstone SS-184

## Quaefacta Digital Health Wallet

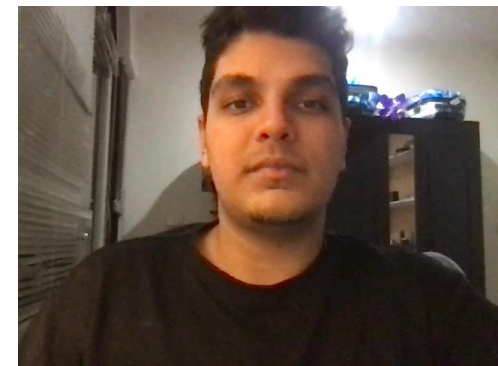
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# Project Goals

- ▶ Rebuild an app from the ground up.
- ▶ In this rebuilding, write high quality code that is reliable, extendable and elegant.
- ▶ Implement features in the full stack.
- ▶ Implement DevOps to improve collaboration and automate deployment



# Implementation

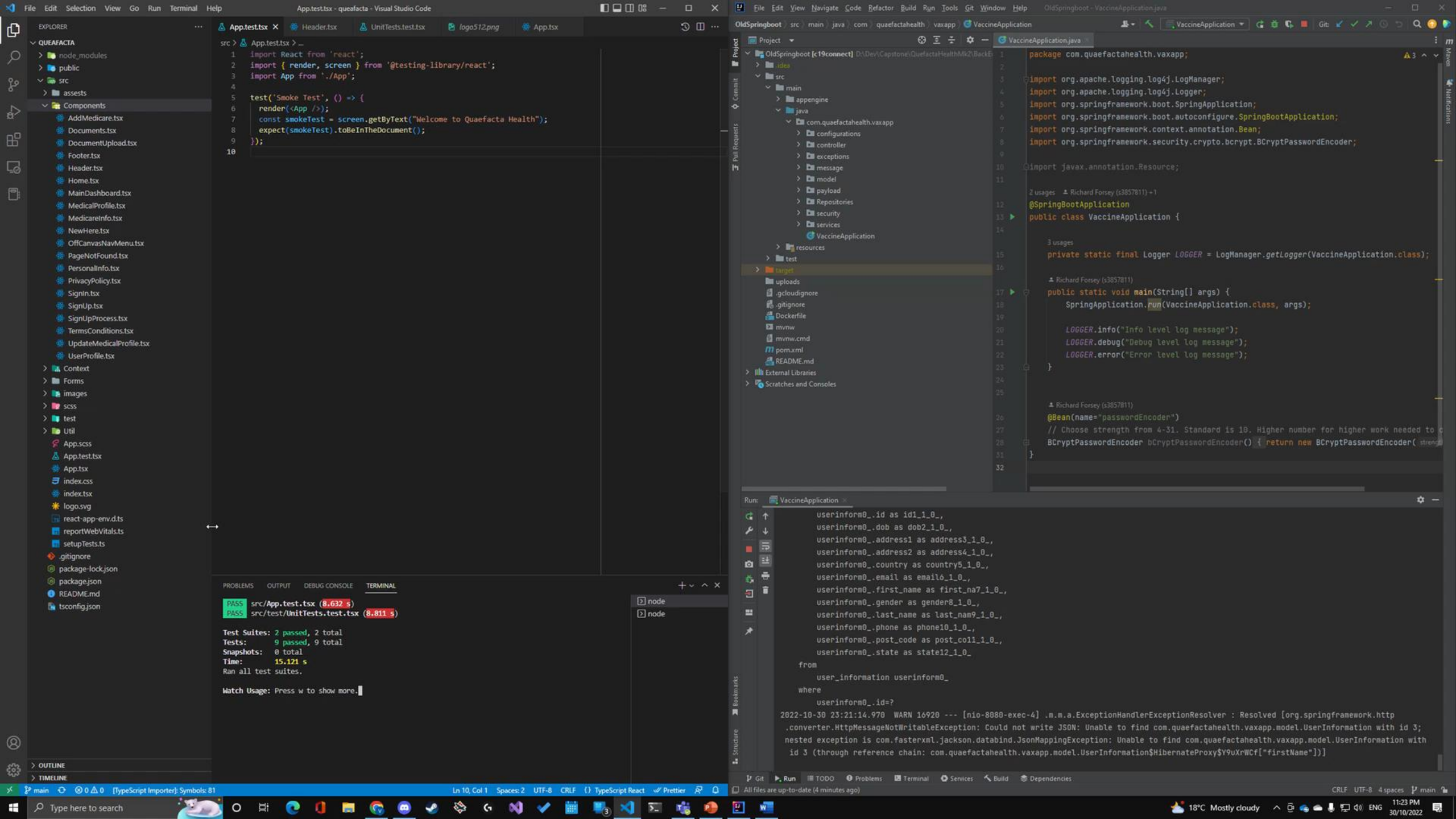
- ▶ Frontend (React)
  - ▶ Reusable components
  - ▶ Bootstrap CSS + custom CSS
- ▶ Backend (Java Springboot)
  - ▶ MySQL database
  - ▶ Springboot ORM for table creation
  - ▶ RDS database
  - ▶ S3 bucket for file storage
- ▶ AWS (Ansible)
  - ▶ Scripted infrastructure creation of AWS environment
  - ▶ Scripted tear down of AWS environment



# Demonstration

- ▶ Home
- ▶ Sign in
- ▶ Sign up
- ▶ Information forms





# Evaluation

- ▶ Good Communication
- ▶ Good cooperation
- ▶ Actively connect with customers
- ▶ A clear division of responsibilities



# Highlights

- ▶ PROBLEM SOLVING
- ▶ CREATIVE THINKING
- ▶ CRITICAL THINKING
- ▶ TEAMWORK
- ▶ NEGOTIATIONS WITH THE CLIENT

