universidade
de aveiro

# BEEGBRAIN

A multi-tenant system to manage EEG

## Elaboration phase

Projeto em Informática
2021/2022

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# REQUIREMENTS

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# Requirements elicitation

1. Brainstorming between the team
2. Gathering information from websites
3. Interviewing neurologists
4. Study analogous systems

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# Functional requirements

**Web Platform**

**Standardization of EDF**

**Shared Folder**

**Error Area**

**Report Generation**

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# Non-functional requirements

**Scalability**

**Temporary Cache**

**Institutional Login**

**File Lifecycle**

**Efficient Monotorization**

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# Actors

## Doctors

→ all doctors who need to view and report on EEG exams, regardless of the format

## Operator

→ operators perform the EEG exams

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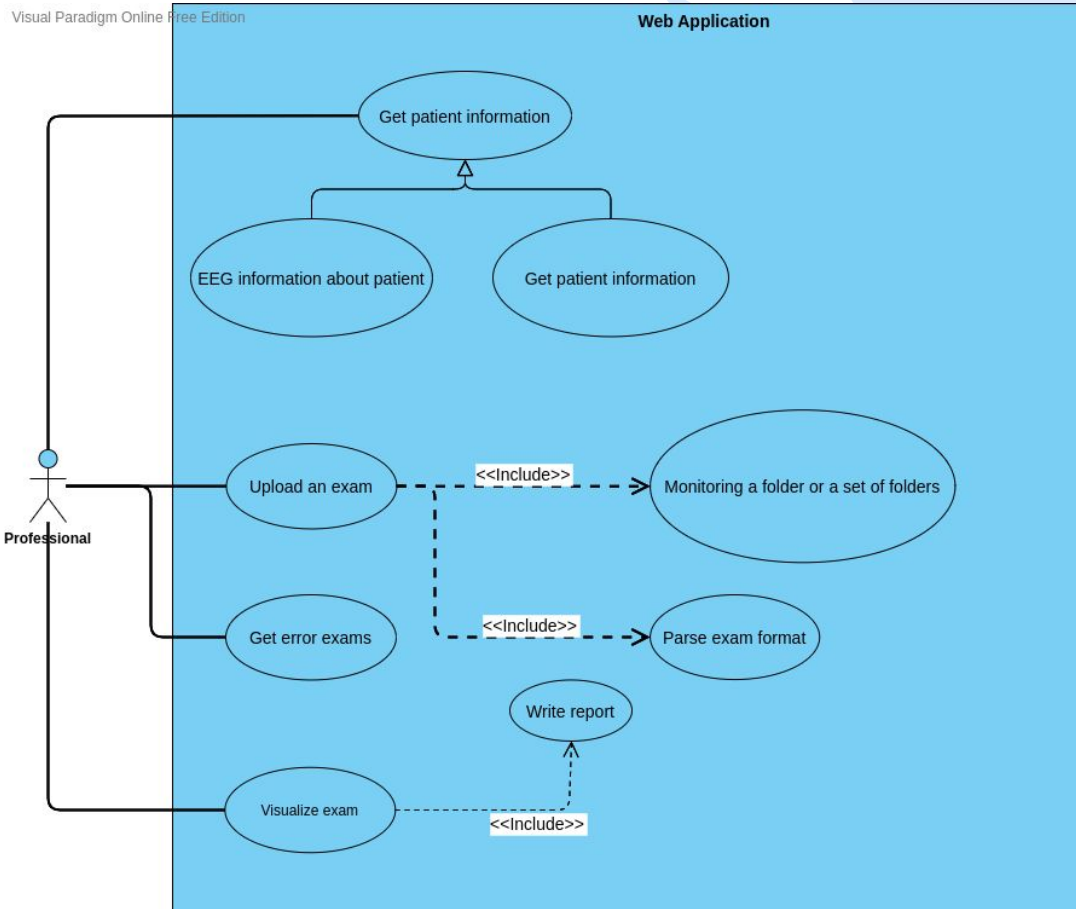
# Use Cases



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# SYSTEM ARCHITECTURE

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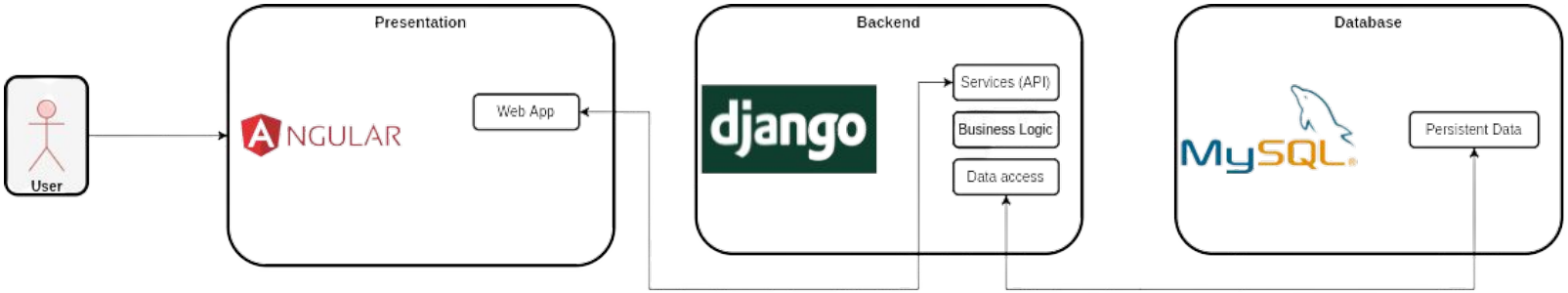
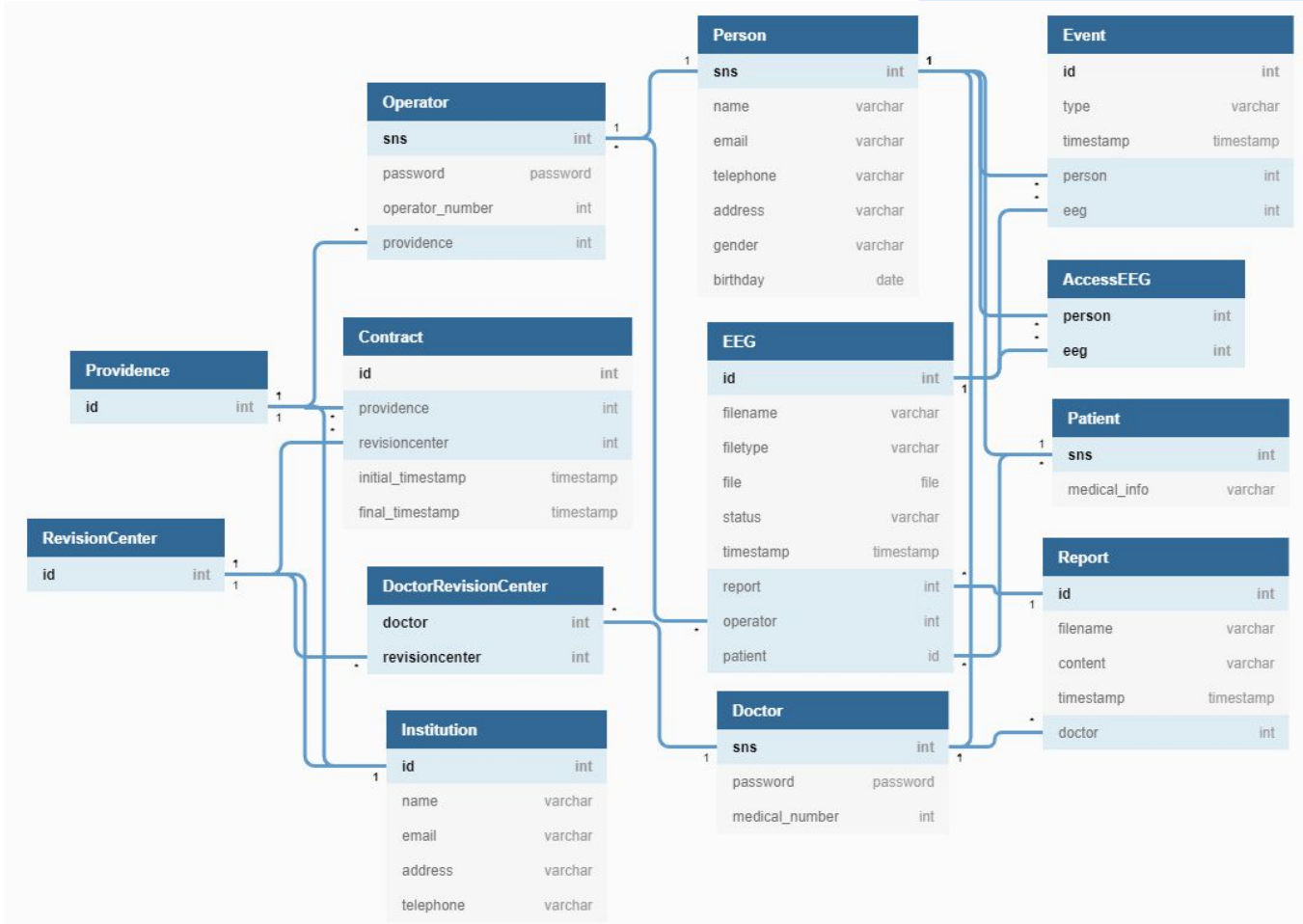
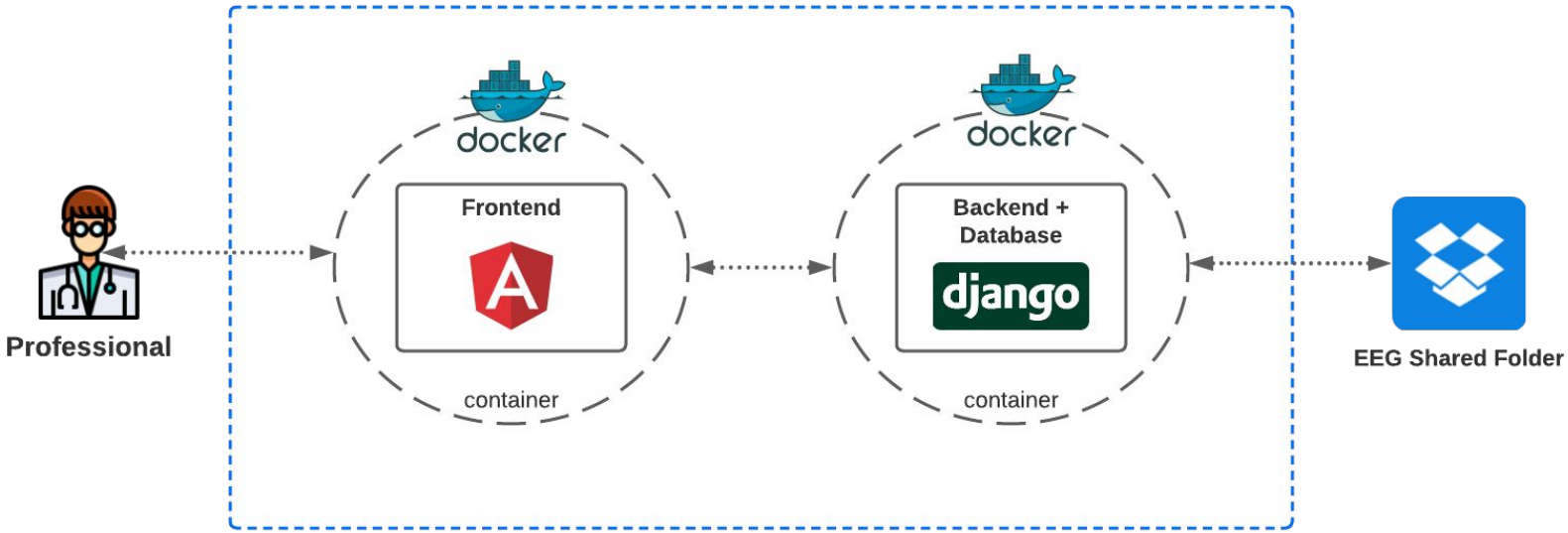
# 1. Architecture Diagram



## 2. Domain Model



## 3. Deployment Diagram



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# DESIGN MOCK-UPS

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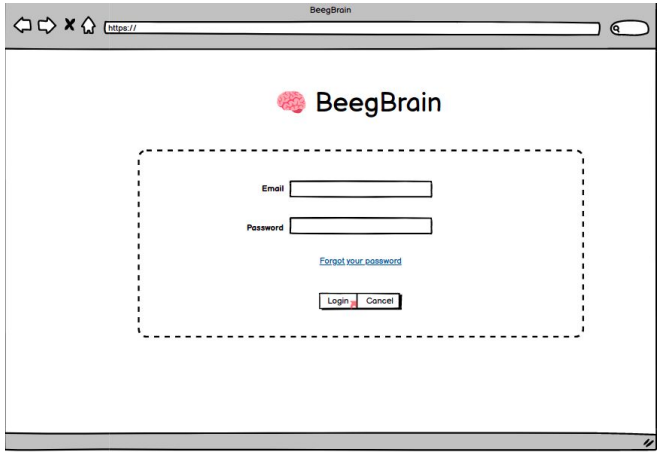
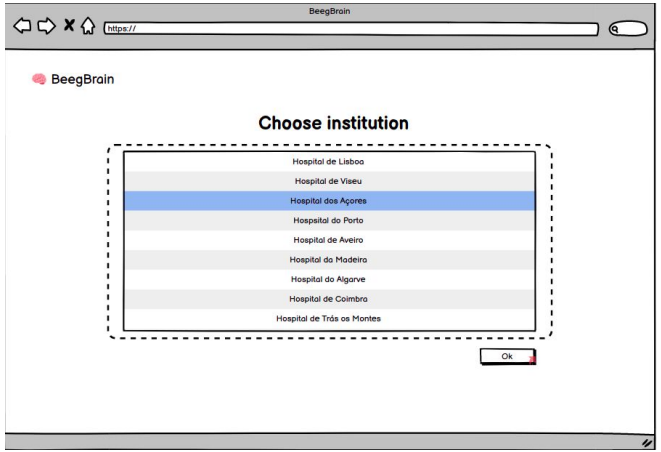
# Frontend Prototype




1) Login page




2) Institution choice

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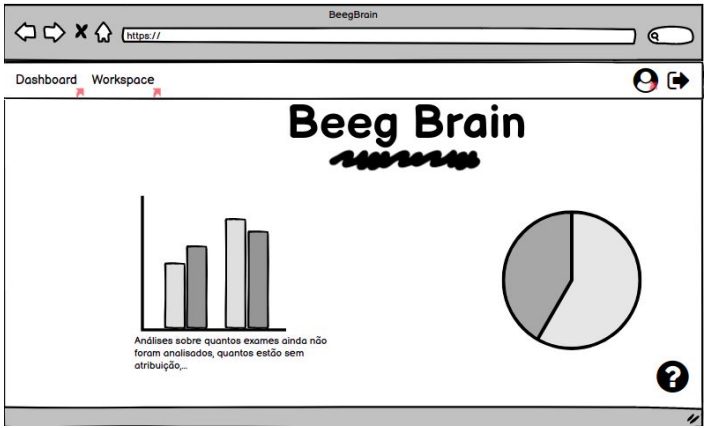
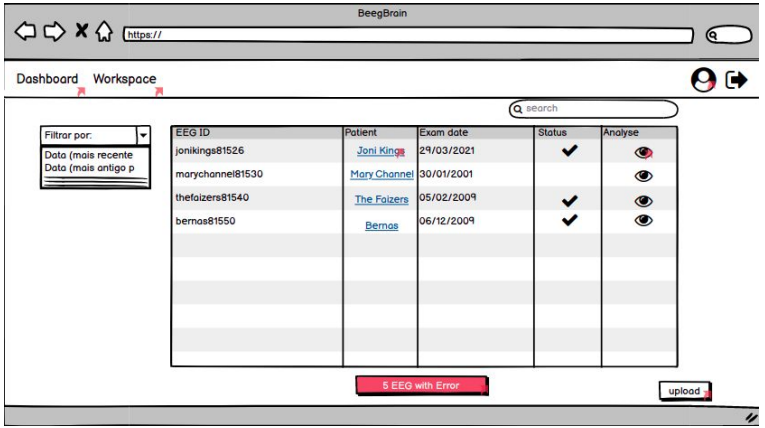
# Frontend Prototype




3) Dashboard page




4) Workspace page

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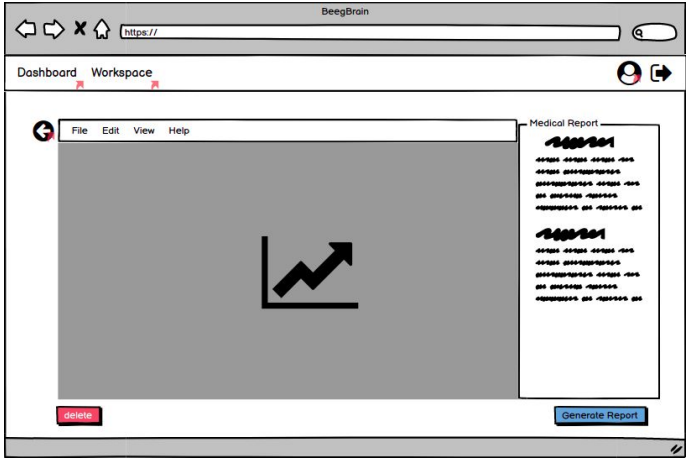
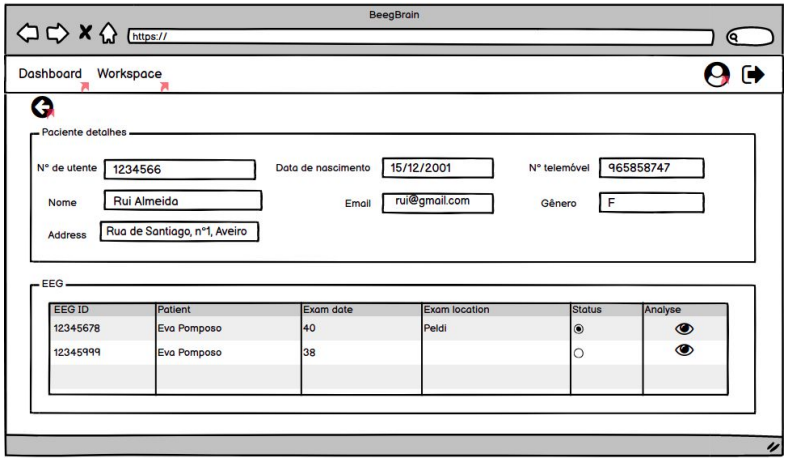
# Frontend Prototype




5) Exam details page




6) Pacient details page

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# Thank you!

Our first milestone deliverable - Project Specifications - is already in our website!

To get more info, check out our website
https://beegbrain.netlify.app/