

### BEEGBR IN A multi-tenant system to manage EEG

**Elaboration phase** 

#### Projeto em Informática 2021/2022

João Reis, 98474 João Farias, 98679 Mariana Rosa, 98390 Ricardo Rodriguez, 98388





# REQUIREMENTS

#### **BEEGBR U**IN

### **Requirements elicitation**



Brainstorming between the team

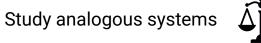


2. Gathering information from websites

3. Interviewing neurologists



€B



### **Functional requirements**



**Web Platform** 



Standardization of EDF



**Shared Folder** 



**Error Area** 



**Report Generation** 

### **Non-functional requirements**



Scalability



**Temporary Cache** 



Institutional Login



**File Lifecycle** 





#### **Doctors**

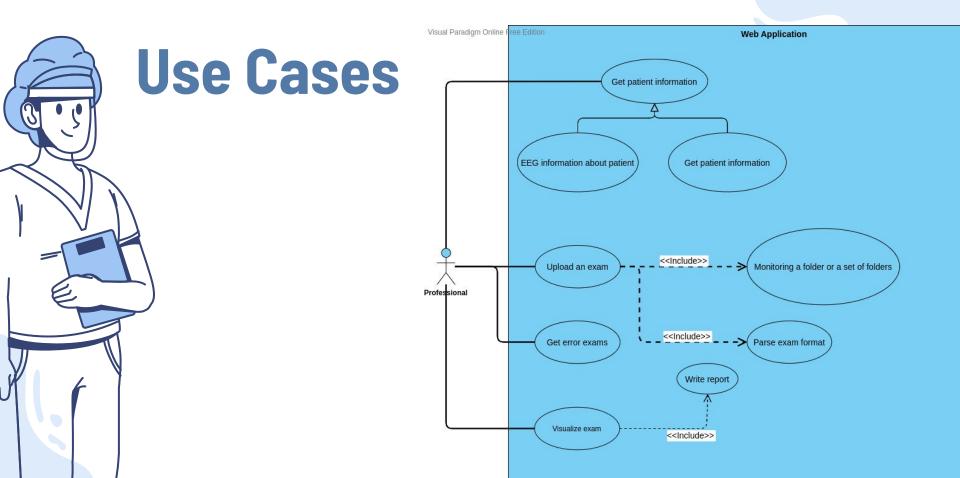
 $\rightarrow$  all doctors who need to view and report on EEG exams, regardless of the format

#### **Operator**

 $\rightarrow$  operators perform the EEG exams



#### BEEGBR®IN

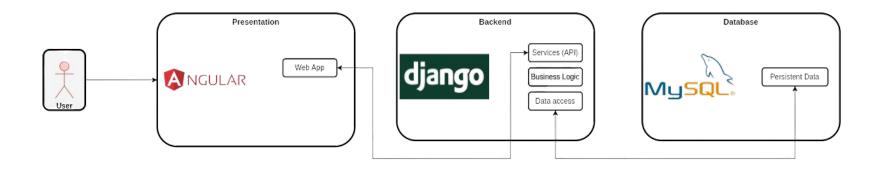




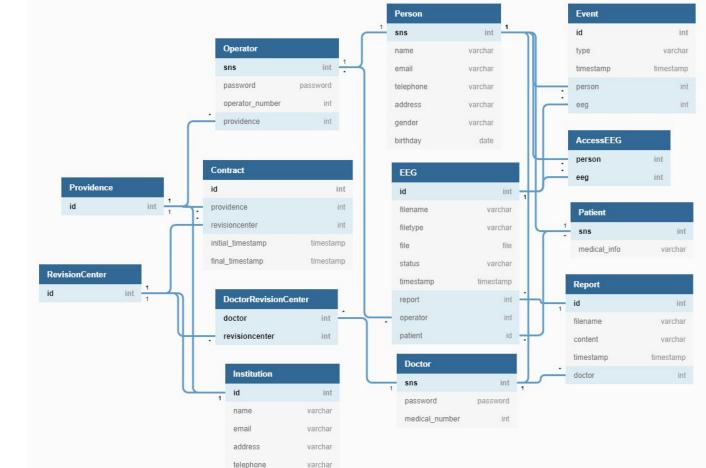
### **SYSTEM ARCHITECTURE**



#### 1. Architecture Diagram



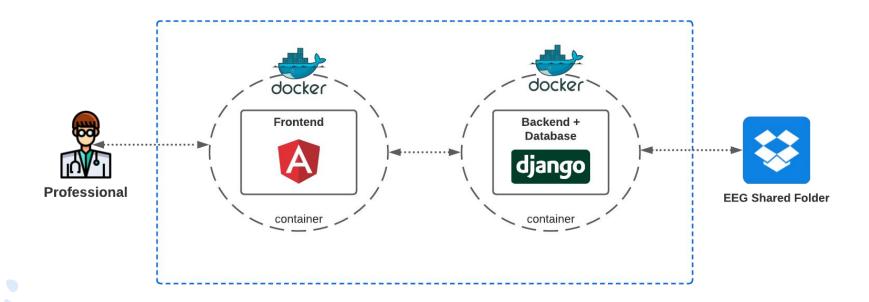
#### **BEEGBR** IN



#### 2. Domain Model



#### **3. Deployment Diagram**





## **DESIGN MOCK-UPS**

### **Frontend Prototype**

BeegBrain   Email   Freesend   Expend toxic casenad   Loging Concer   (Mapping de Maders) <th>BeegBrain</th> <th>C C X () [https://</th>	BeegBrain	C C X () [https://
Email     Hospital de Vieu       Passend     Hospital de Note       Enrolt tour contented     Hospital de Note       Loging Cancel     Hospital de Note       Hospital de Note     Hospital de Note       Hospital de Combre     Hospital de Combre	🧠 BeegBrain	
	Password	Hespital de Viseu Hespital de Ayores Hespital de Ayores Hespital de Avero Hespital de Avero Hespital de Ayore Hespital de Coimbro Hespital de Trás os Montes

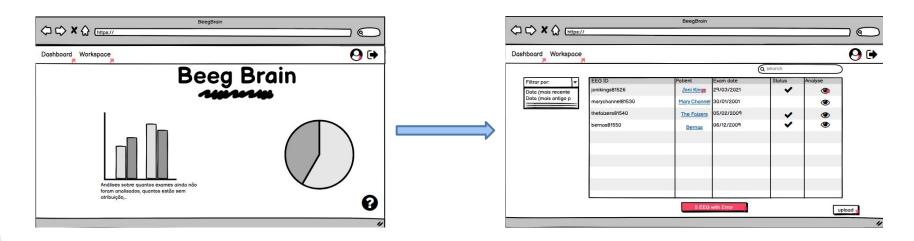
1) Login page

2) Institution choice

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### **Frontend Prototype**



#### 3) Dashboard page

4) Workspace page

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### **Frontend Prototype**

ashboard Workspace	90
File Edit View Help	
delete	Generate Report

5) Exam details page

#### BeegBrain 0 0 Dashboard Workspace G - Paciente detalhes 15/12/2001 965858747 N° de utente 1234566 Data de nascimento N° telemóvel Rui Almeida rui@gmail.com Nome Email Gênero Rua de Santiago, nº1, Aveiro Address EEG-Exam date 12345678 Eva Pomposo eldi ۲ ۲ 12345999 Eva Pomposo

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 <u>https://beegbrain.netlify.app/</u>