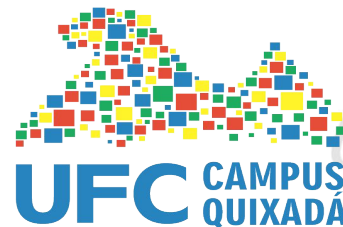


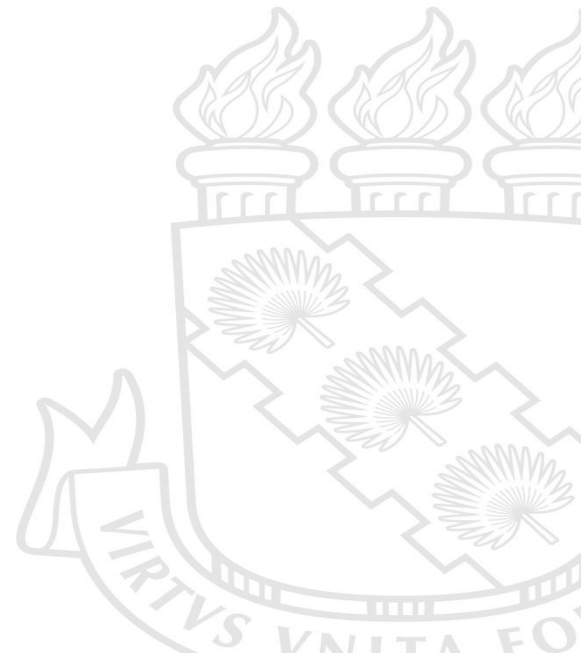
Análise facial em imagens

Johnny Marcos Silva Soares
Letícia Saraiva Chaves



Introdução

- Análise facial
- Aplicação
 - Boto3
 - OpenCV
 - Json
 - Tkinter
 - Psycopg2
 - Matplotlib
 - Pandas



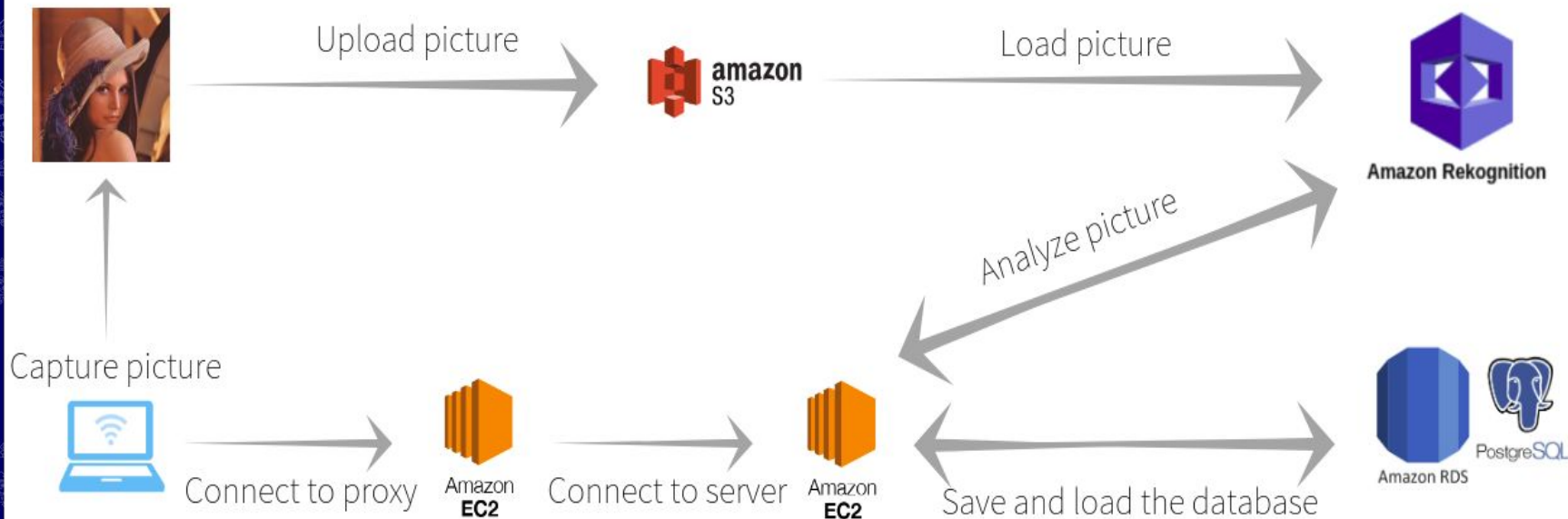
Serviços utilizados



- Amazon Relational Database Service (Amazon RDS)
- Amazon Elastic Compute Cloud (Amazon EC2)
- Amazon Simple Storage Service (Amazon S3)
- Amazon Rekognition



Arquitetura da aplicação



Métodos utilizados



Identificador do Método	Descrição
MethodId 1	Analisa uma imagem enviada e retornar algumas informações.
MethodId 2	Verifica se o usuário existe para realizar Login.
MethodId 3	Verifica se o usuário existe, caso contrário é criado um novo.
MethodId 4	Recupera do banco de dados todas as análises de um usuário.

Controle de acesso

A screenshot of a web application window titled "Photo analysis". The window has a dark gray title bar with standard window controls (close, minimize, maximize). The main content area is light gray and contains two text input fields. The first field is labeled "Username:" and the second is labeled "Password:". Below the input fields are two buttons: "Login" and "Register".

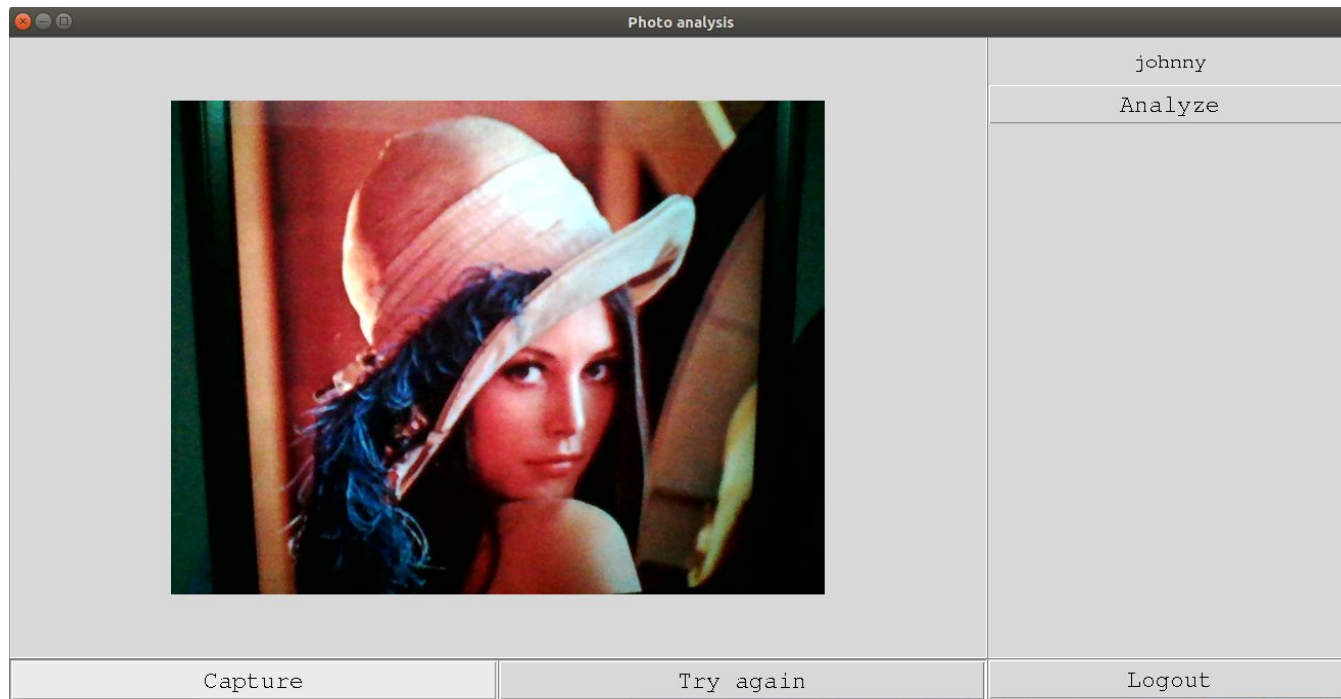
Photo analysis

Username:

Password:

Login Register


Aplicação



Aplicação



Photo analysis



Capture Try again Logout

johnny

Analyze

Analyze summary

Sex: Female
Age range: Between 20 and 38
Predominant sentiment: CALM
Smiling: No

Generate report

Generate charts

Tela de relatório








Photo analysis report

Report

Username: johnny

Sex: Female, Confidence: 99.6824951171875

Age range: Between 20 and 38

Predominant sentiment: CALM, Confidence: 99.6824951171875

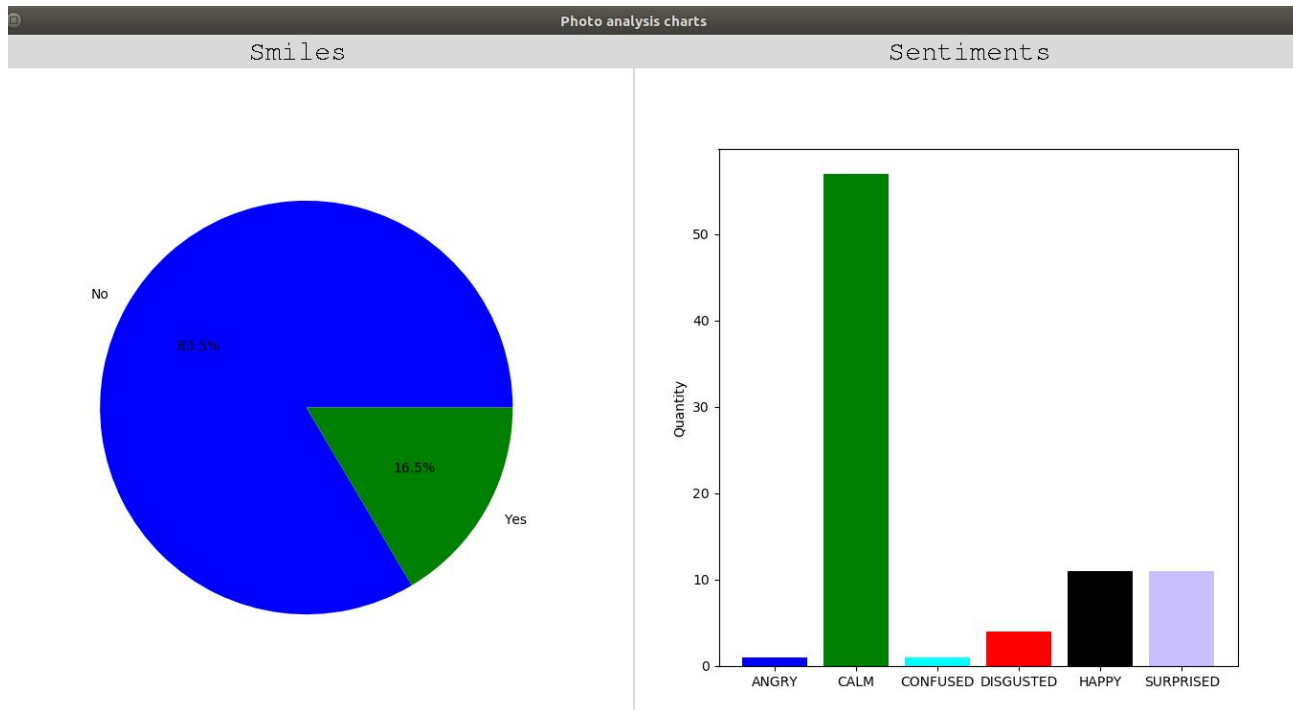
Smiling: No, Confidence: 98.75869750976562

Eye Glasses: No, Confidence: 99.9997787475586

Mustache: No, Confidence: 99.98210144042969

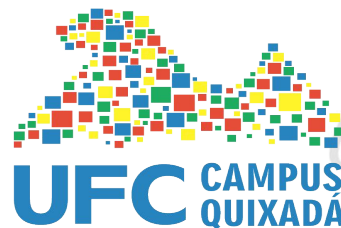
EyeOpen: Yes, Confidence: 99.99227905273438

Tela de gráficos



Dúvidas?

Obrigado(a) pela atenção!



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Referências



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Boto 3 Documentation ([S.d.]). <https://boto3.amazonaws.com/v1/documentation/api/latest/index.html>

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Documentação do Psycopg ([S.d.]). <http://initd.org/psycopg/docs/>

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