Team Number: 011-8

Team Name: Face Guys

Team Members: Greg James, Michael Yon, Matt Ceriello, Tyler Curnow

Application Name: Can't Forget Your Face

Application Description:
        Can't forget your face will be a website that allows a user to log in to a document with their face. When visited, the website will prompt the user to enter a username and will train CV (Computer Vision) software to recognise their face. After training, the program will only recognize that person's face, and will allow access to a blank text document where the user can write whatever they want. The facial recognition data, the username, and the document will be persisted, so a user can log into their document at any time with their face.

Vision Statement:
        For people who consistently forget their passwords, our facial recognition protected document allows users to write whatever they want without the need for pesky typed passwords. Unlike other protected services, ours removes the need for a password, instead replacing it with facial recognition.

Version Control:
GitHub link: https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-08

Development Method: Agile
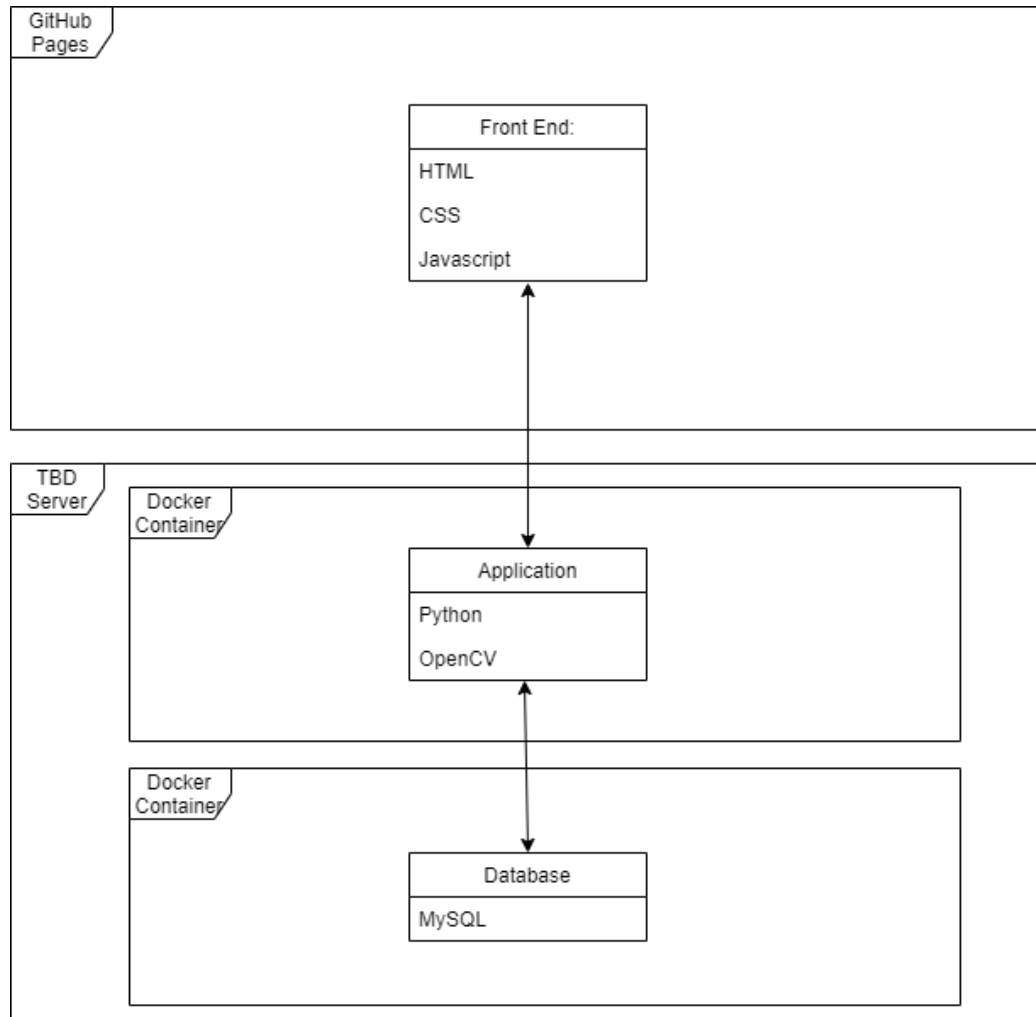C800 board - Agile board - Jira (atlassian.net)

Communication Plan:
        Our team's primary communication tool is GROUPME. We also communicate during our weekly lab sessions and during our weekly group meetings. We have also shared phone numbers with each other in cases where someone needs to be contacted immediately.

Meeting Plan:
We meet Thursdays from 3:45-5:45 in person or on zoom depending on what is convinient.
We meet with our TA on Fridays at 12:30 on Zoom @ https://cuboulder.zoom.us/j/93961711297

Proposed Architecture:

GitHub Pages

Front End:

HTML

CSS

Javascript

TBD Server

Docker Container

Application

Python

OpenCV

Docker Container

Database

MySQL

Use Case Diagram:

Can't Forget Your Face Use Case Diagram
Greg James | September 16, 2021