

Project Features List

- Browser Camera Access
 - The application should be able to access the user's camera in order to run OpenCV software for facial recognition.
- OpenCV Processing
 - Efficient Facial Recognition using OpenCV
- In-Browser OpenCV Model training
 - The ability for an OpenCV Model to be trained in the browser
- Persistent OpenCV Models
 - The ability for a database to persist OpenCV Models
- Ability to create account
 - A new user that has not visited the website should be able to create a unique username, password and register their face with the OpenCV software
- sign in to existing account
 - . Once a user has created an account they can login by entering their username and password, then wait for the Two Factor Authentication face scan.
- User Data Deletion
 - A user should have the ability to, at any point, delete all data from the database. This includes account information, text document information and all facial recognition information. (account deletion)
- Basic Text Editor
 - Once the user gets into the "login" page they will have access to a "private" text editor document to write and store whatever they would like.
- Authentication system utilizing OpenCV models and OAuth
 - Verifies the users identity with a combination of a username, password, and the presence of the persons face on camera
- Homepage with feature list
 - The first thing the user sees is a homepage with options to sign in, create an account etc.
- Homepage and Camera Access Integration
 - The user should seamlessly transition between the website and the camera integration
- Bug Testing
 - Users shouldn't run into any bugs

Requirements

- [Crazy 8's-010-08 - Agile board - Jira \(atlassian.net\)](#)
 - User stories are located on Jira board in the backlog
 -

Project Plan

All in our Jira: [Crazy 8's-010-08 - Agile board - Jira \(atlassian.net\)](#)

Wireframes and Design

[Back to homescreen](#)

[Login](#)

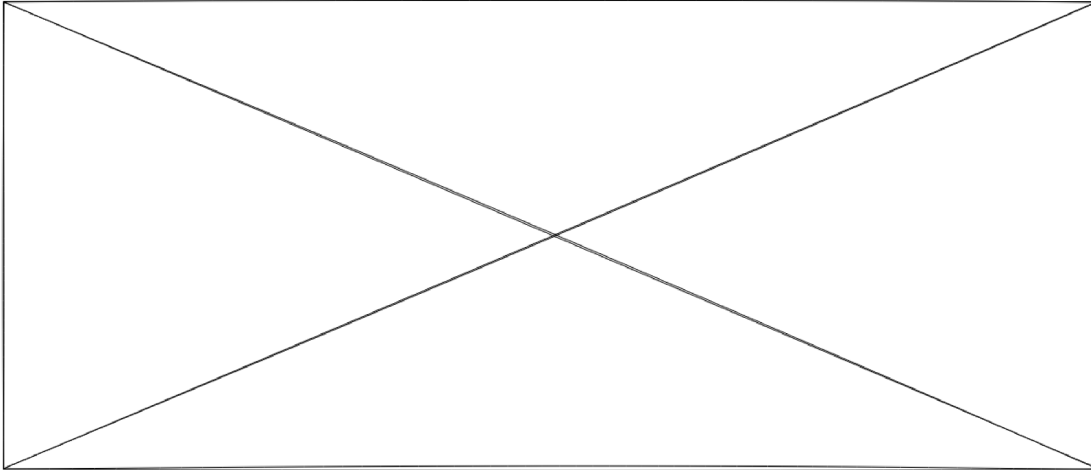
Create Account

Create Username:

Create Password:

Retype Password:

Scan Your Face: - Instructions for scan



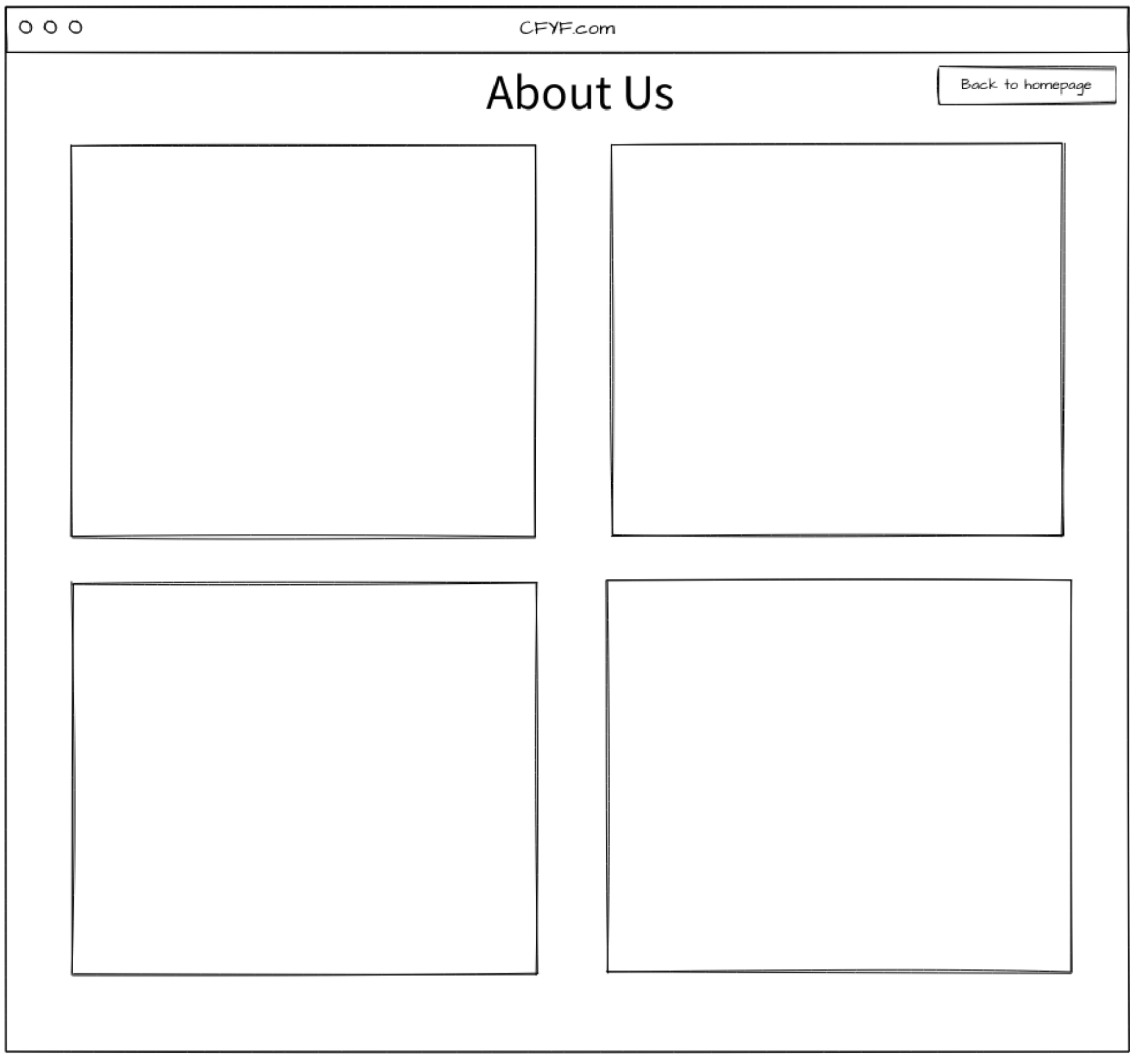
[Not scanning?](#) | [Forgot password](#)

Security Question 1 ▼

Security Question 2 ▼

Security Question 3 ▼

Create



CFYF.com

Forgot Password:

Back to homepage

Login

stuff for resetting password

Rescan face:

stuff for rescanning face

CFYF.com

FAQ and Help

Back to homepage

Question 1

Question 2

Question 3

Question 4

Question 5

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CFYF.com

Your File:

B / U

style

1

2

3

1

2

3

Normal

Font

Size

A

A

Settings

Log Out

Save

Undo

Revert to last saved version

Delete

Back to file

Account



Change Password

Change Username

Change Profile Picture

Delete Account Forever

Back to file

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Back to homescreen

Create Account

Login

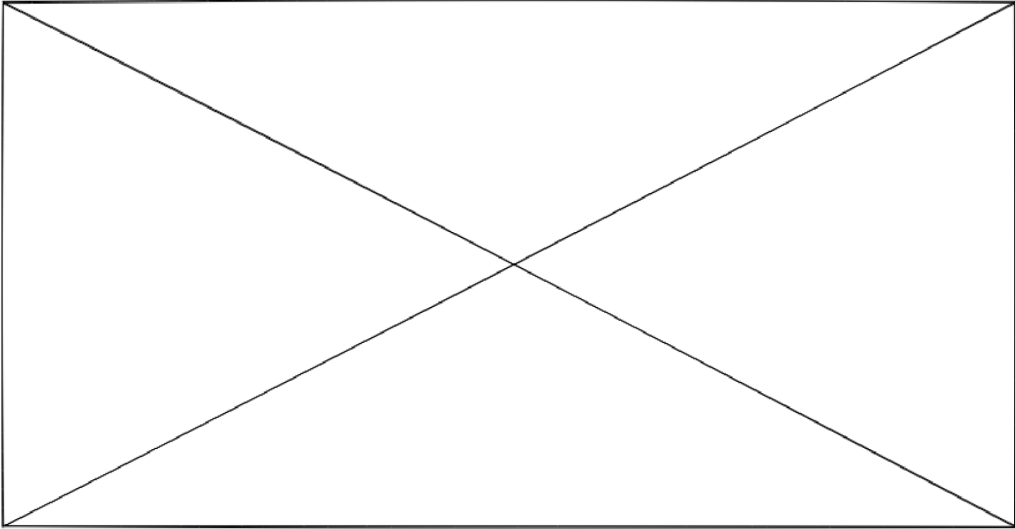
Username:

input

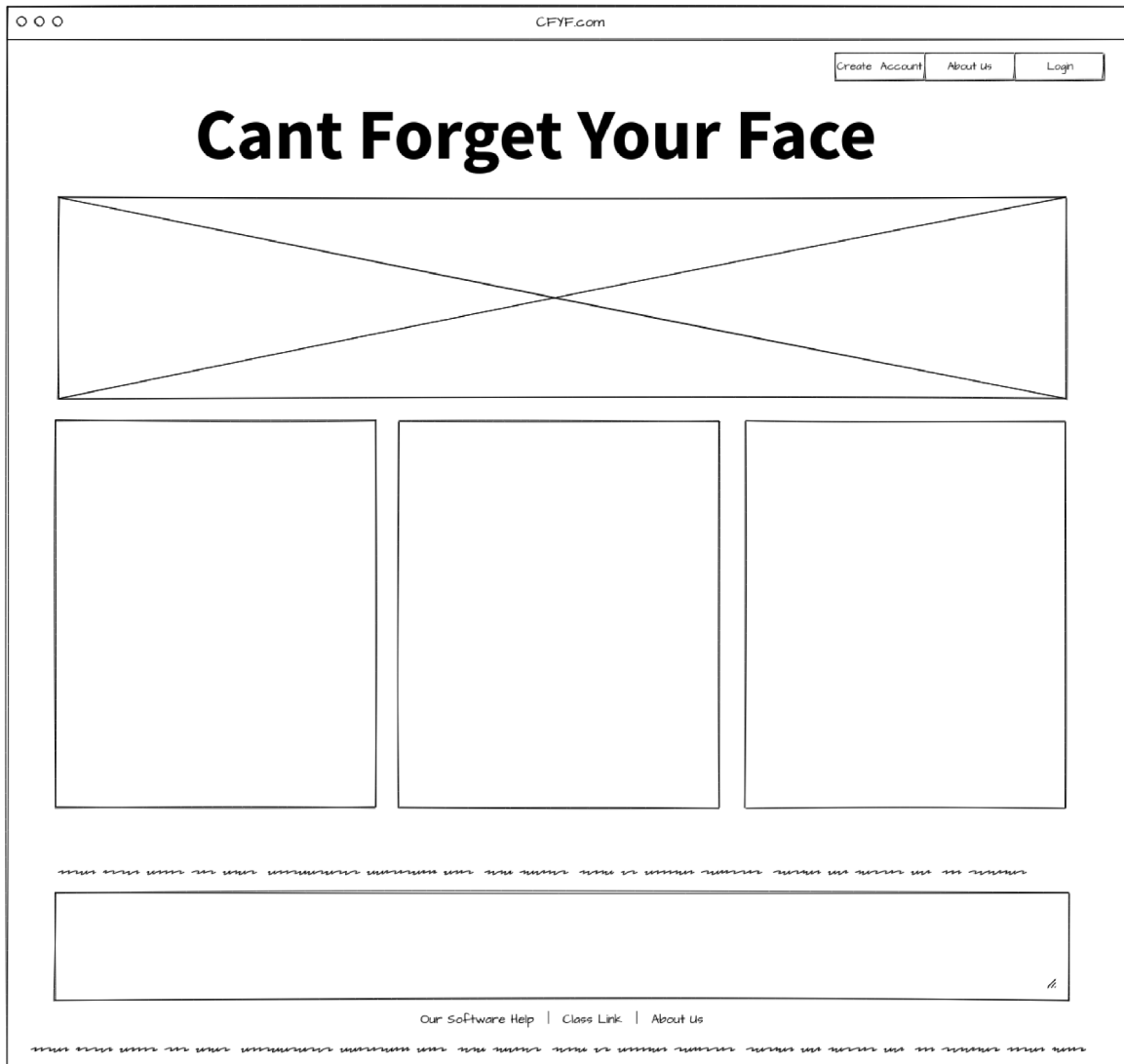
Password:

input

Scan Your Face:



[Face isn't Scanning?](#)



Design Framework: We are going to be using bootstrap and openCV alongside some linker code to execute all of this

Individual Contributions

- Project Board: [C800 board - Agile board - Jira \(atlassian.net\)](#)
- Gregory James:
 - Contributions: Web design and development and creating wireframes
 - Recent Github Commit:
<https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-08/commit/8fc7b7e87a988bd0615e6063e10ccf59d3abf7af>
- Matthew Ceriello:
 - Contributions: Project Feature List/Requirements

- Recent Github Commit:
- Micheal Yon:
 - Contributions: Wrote and categorized user stories, and made a roadmap.
 - Recent Github Commit:<https://csci-3308-fall21-010-08.atlassian.net/jira/software/projects/C800/boards/1/roadmap>
 - (Michael did not have access to the repository during the time this was being completed. He did his work on Matt's account)
- Tyler Curnow:
 - Contributions: User stories and project features list. Helped set up the jira board with sprints.
 - Recent Github Commit:[CSCI-3308-Fall21-011-08/jiralink.txt at main · CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-08 \(github.com\)](https://github.com/CSCI-3308-Fall21-011-08/jiralink.txt)