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

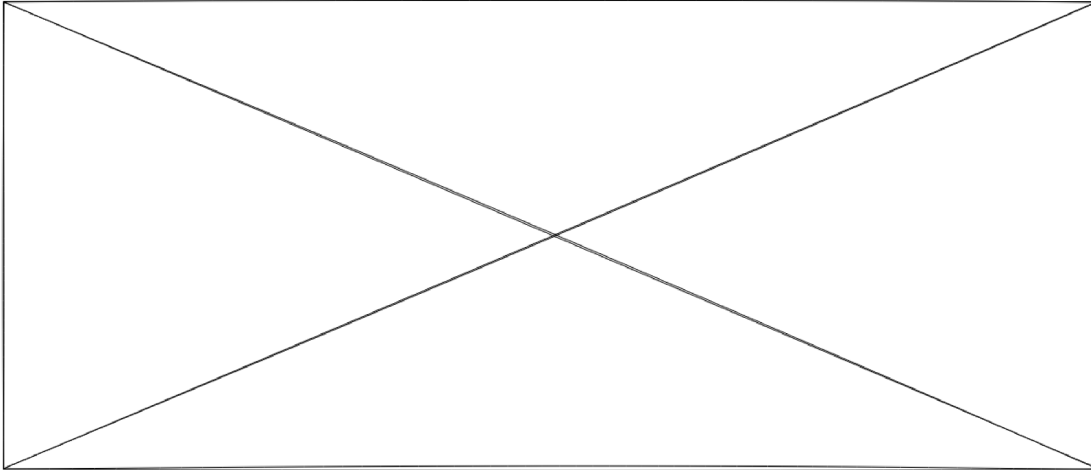# Create Account

Create Username: [Input]

Create Password: [Input]

Retype Password: [Input]

Scan Your Face: - Instructions for scan

Not scanning? | Forgot password

Security Question 1 ▼	Input
Security Question 2 ▼	Input
Security Question 3 ▼	Input

Create

About Us
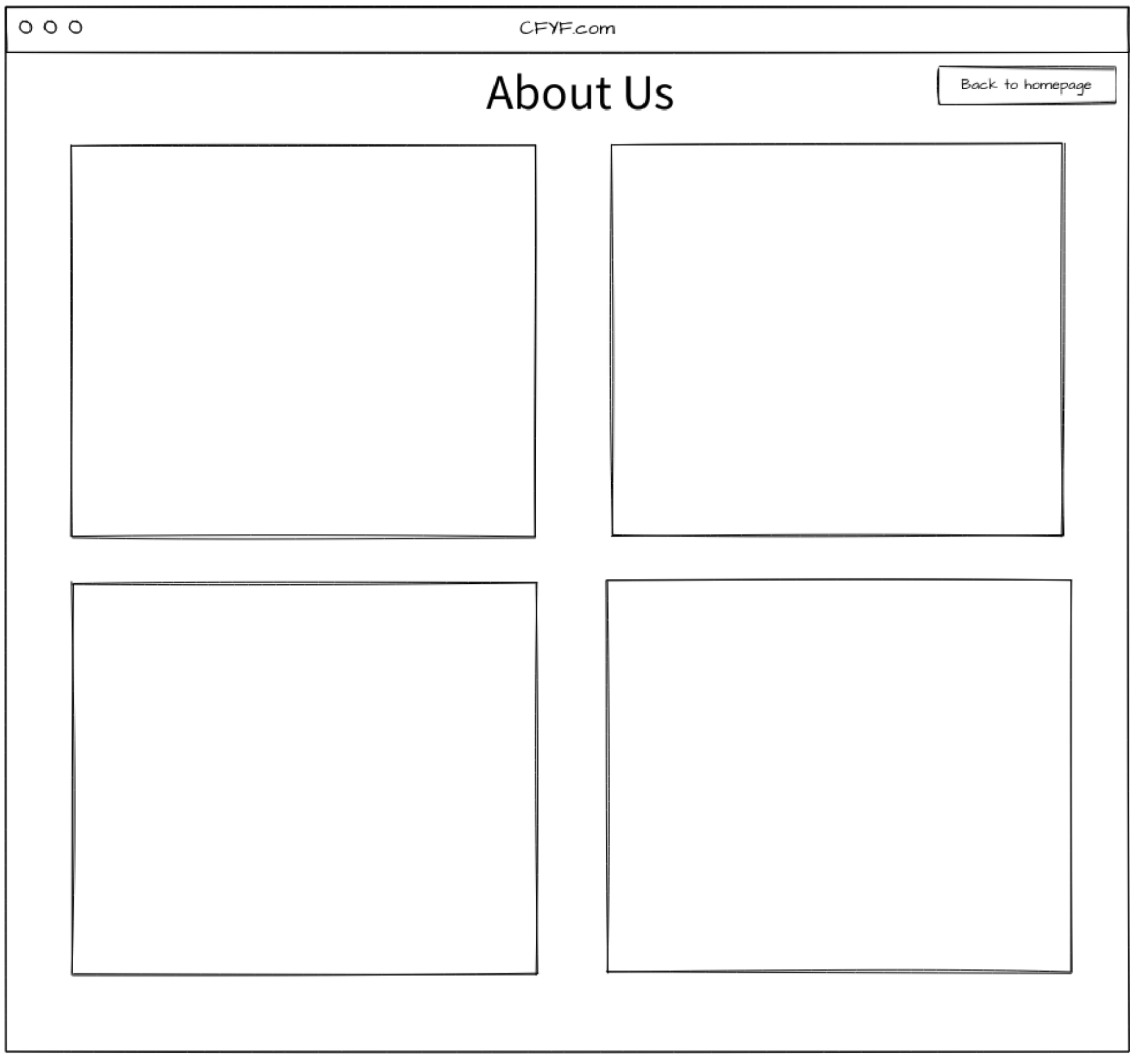
Forgot Password:

Stuff for reseting password

Rescan face:

Stuff for rescanning face

FAQ and Help

Question 1

Question 2

Question 3

Question 4

Question 5

Your File:

B *I* U

| Style | ▼ |

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

Login

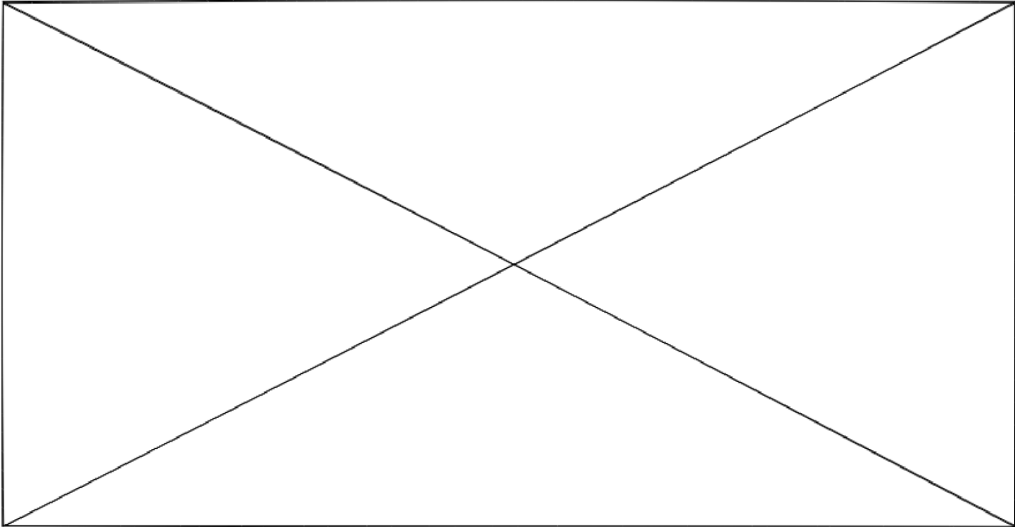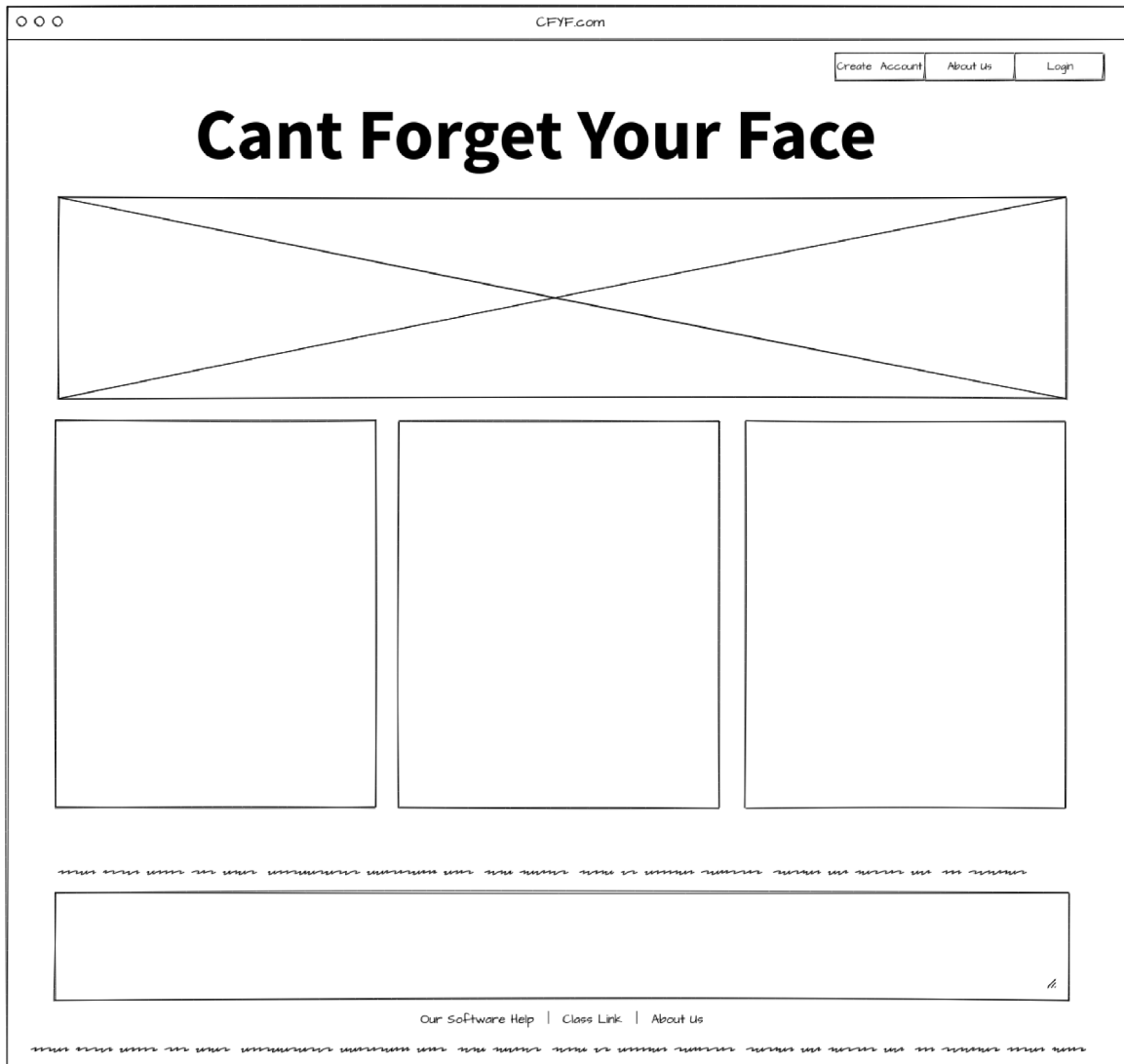Username: [Input]

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)](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:
  https://github.com/CU-CSCI-3308-Fall-2021/CSCI-3308-Fall21-011-08/commit/3af9d4376a6f32c408f4435521bee0cf24986c77
- 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)