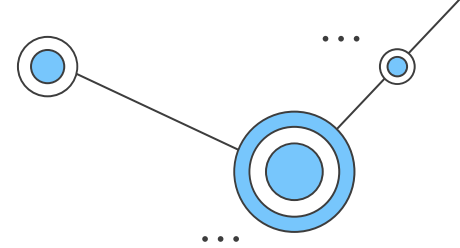


Crime Miner Video

Iteration 5

Team Members Information

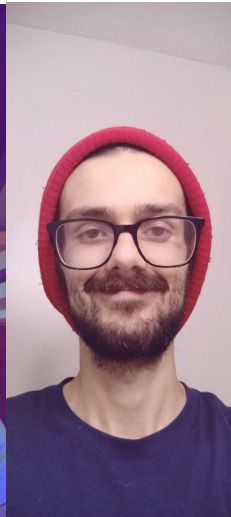
CS Seniors



Jacob Bishop



Eric Perez



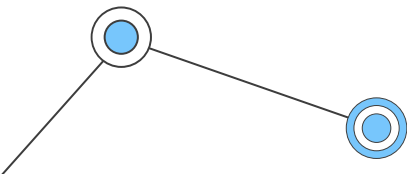
**Isaac
McKinney**



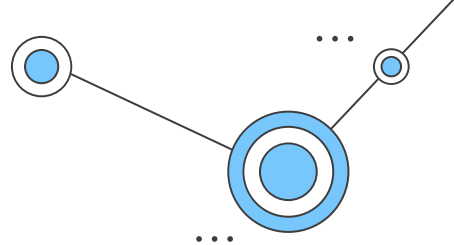
Merghani Hagelhour



Brendan May

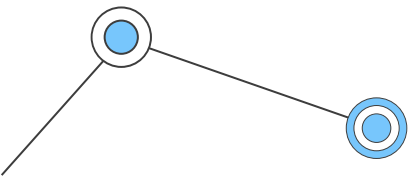


Client Information

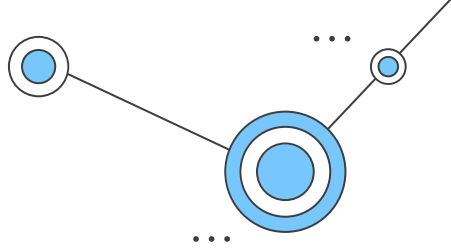


Chuqlab

- Dedicated partners in stopping crime
- Prioritize markets and industries that are severely underserved by the technology community.
- Design solution to be nimble and adaptive
- Investigators no longer need to spend hundreds of hours sifting through all of the audio files manually.
- Cornelius CEO of Chuqlab has been main contact for Crime Miner



Mentor Feedback



Mid Iteration Meeting

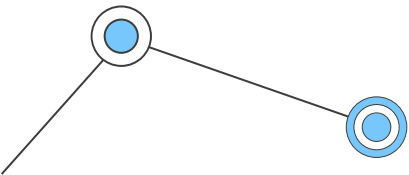
- Work on tests as they can be annoying doing last minute

Before Client Meeting

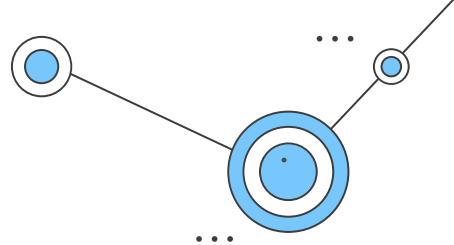
- Really liked how the front-end looked.
- When going through he had noticed some minor bugs, nothing really affecting the use of the app more just odd visual quirks that sometimes occur
- Over all thinks the product is looking good in terms of meeting user needs.

Changes made

- Minor Bug fixes and adding tests



Client feedback

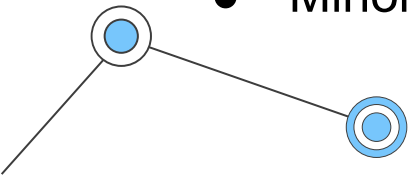


Cornelius Feedback

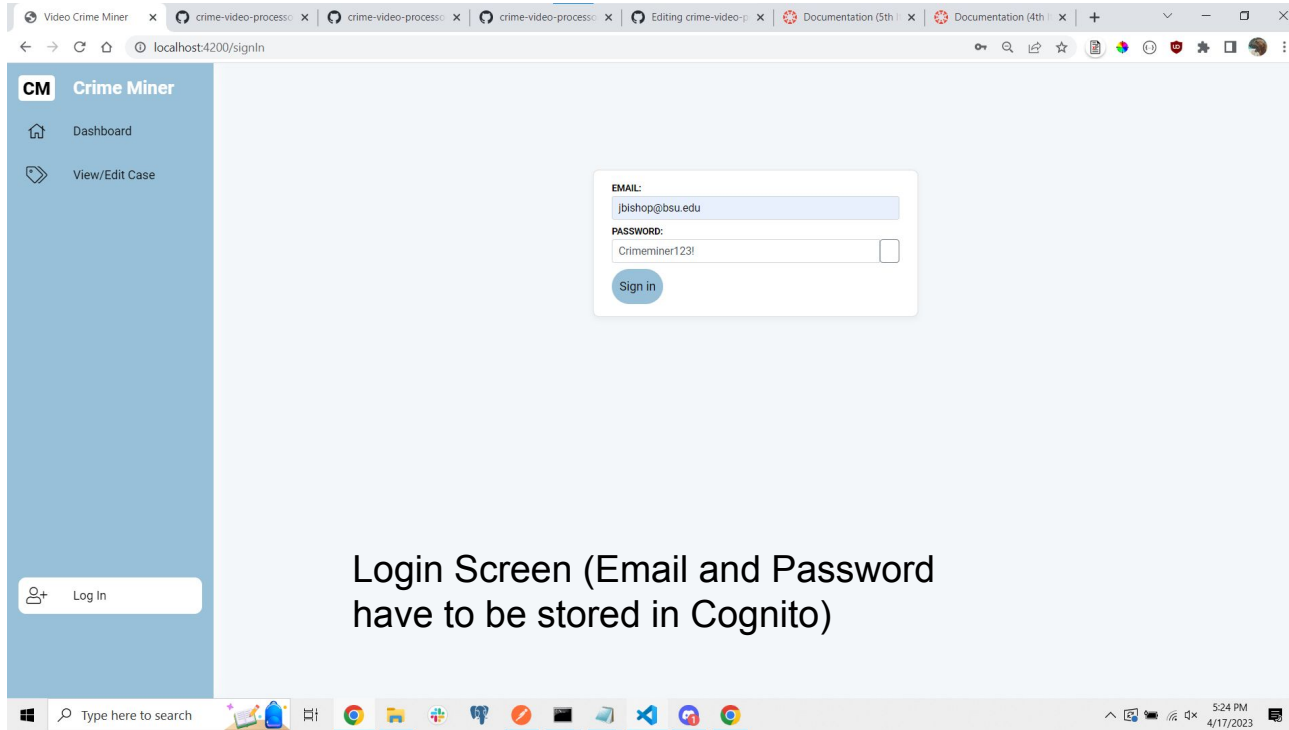
- .Cornelius used our software via remote control over zoom, on Jacob's machine
- Created a new case, uploaded a file, entered label keywords, ran label detection job, and saw the visualized output of label detections
- Liked that you could upload multiple files
- He said that he liked what we had for this iteration, but viewing the labels was a bit confusing

Changes

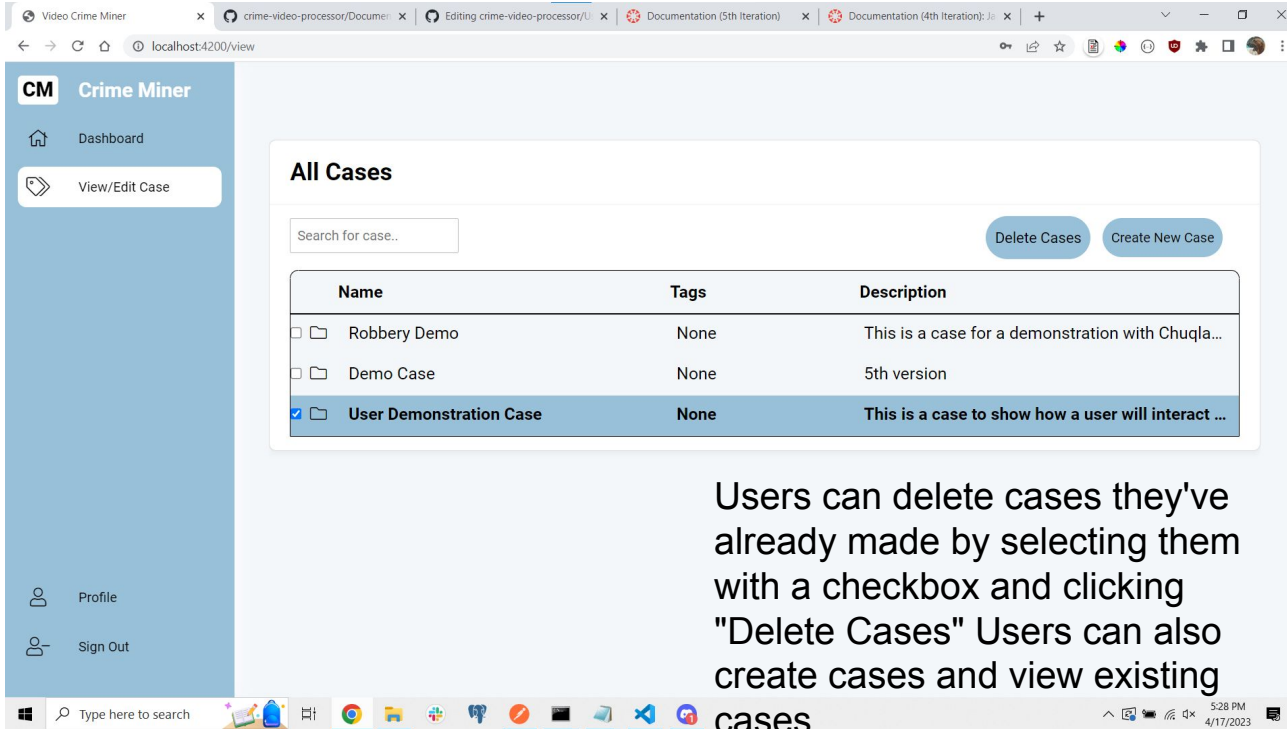
- Minor Bug fixes, and fixing label detection



Current Iteration Features



Current Iteration Features

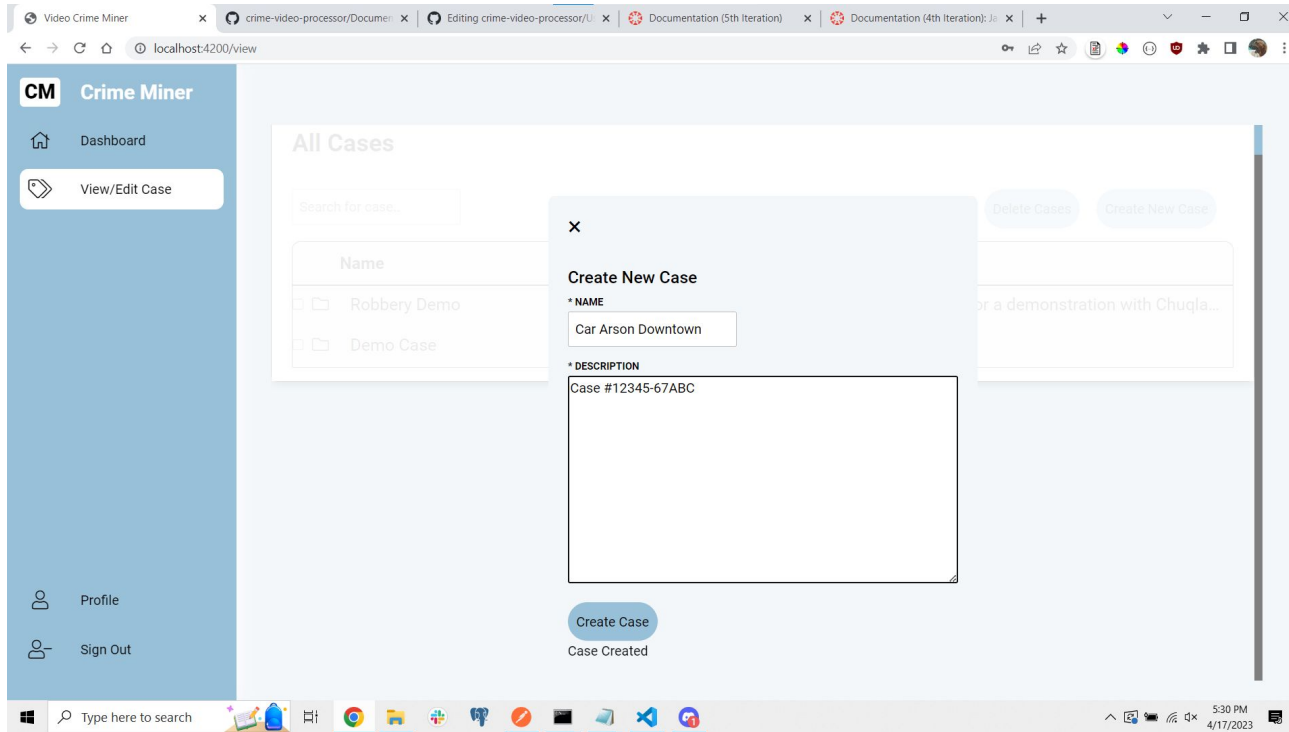


The screenshot displays the 'Crime Miner' web application. The left sidebar contains navigation links: 'Dashboard' and 'View/Edit Case'. The main content area is titled 'All Cases' and includes a search bar, 'Delete Cases' and 'Create New Case' buttons, and a table of cases.

	Name	Tags	Description
<input type="checkbox"/>	Robbery Demo	None	This is a case for a demonstration with Chuqla...
<input type="checkbox"/>	Demo Case	None	5th version
<input checked="" type="checkbox"/>	User Demonstration Case	None	This is a case to show how a user will interact ...

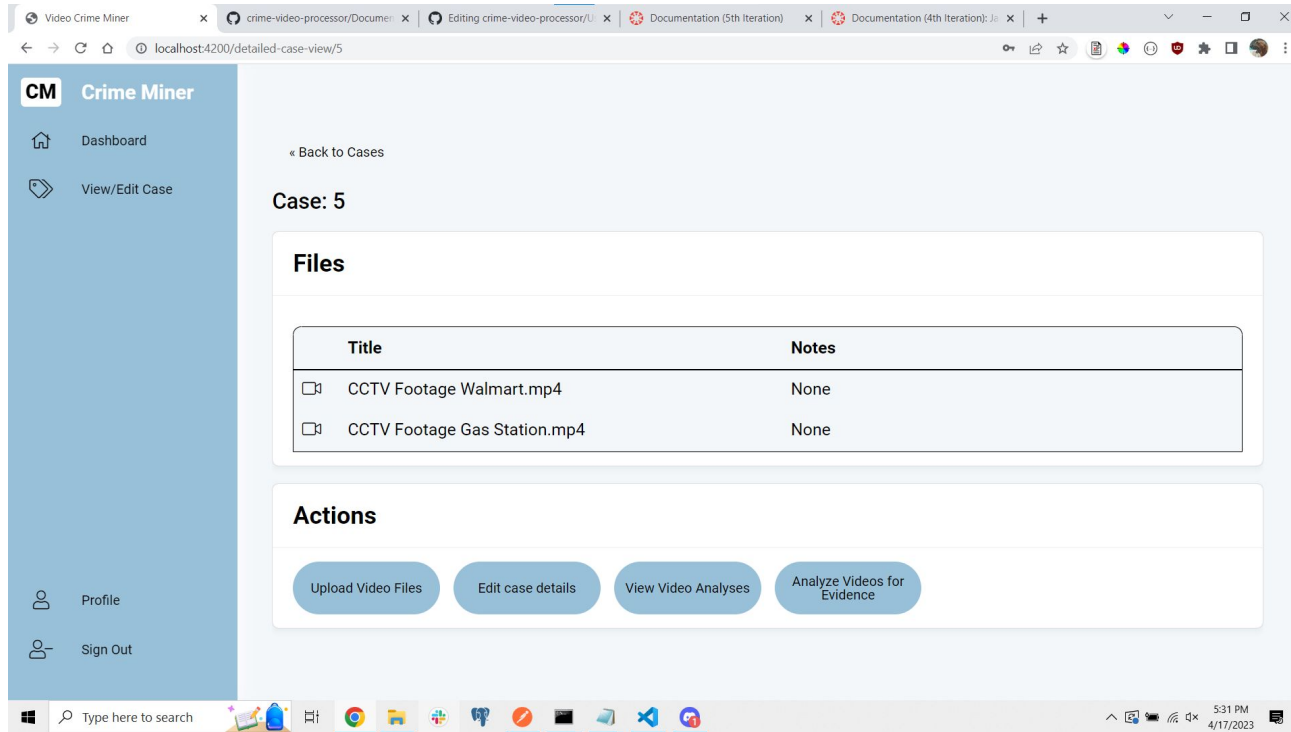
Users can delete cases they've already made by selecting them with a checkbox and clicking "Delete Cases" Users can also create cases and view existing cases.

Current Iteration Features





User can create new case, all that's needed is name and description

Current Iteration Features

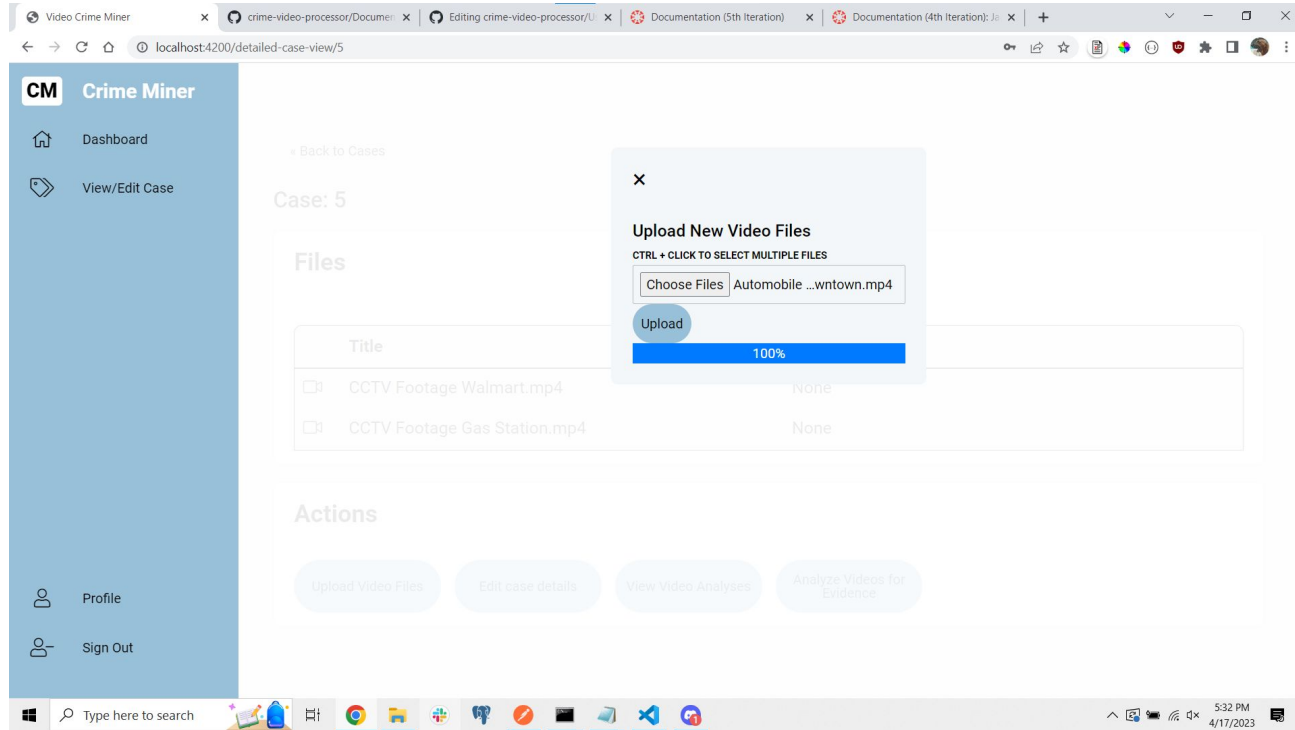


The screenshot displays the Crime Miner web application interface. The browser's address bar shows the URL `localhost:4200/detailed-case-view/5`. The application has a blue sidebar on the left with the following menu items: **CM Crime Miner**, **Dashboard**, **View/Edit Case**, **Profile**, and **Sign Out**. The main content area is titled **Case: 5** and includes a **« Back to Cases** link. Below the title, there is a **Files** section containing a table with two rows of video files. At the bottom of the main area, there is an **Actions** section with four buttons: **Upload Video Files**, **Edit case details**, **View Video Analyses**, and **Analyze Videos for Evidence**. The Windows taskbar at the bottom shows the time as 5:31 PM on 4/17/2023.

Title	Notes
 CCTV Footage Walmart.mp4	None
 CCTV Footage Gas Station.mp4	None

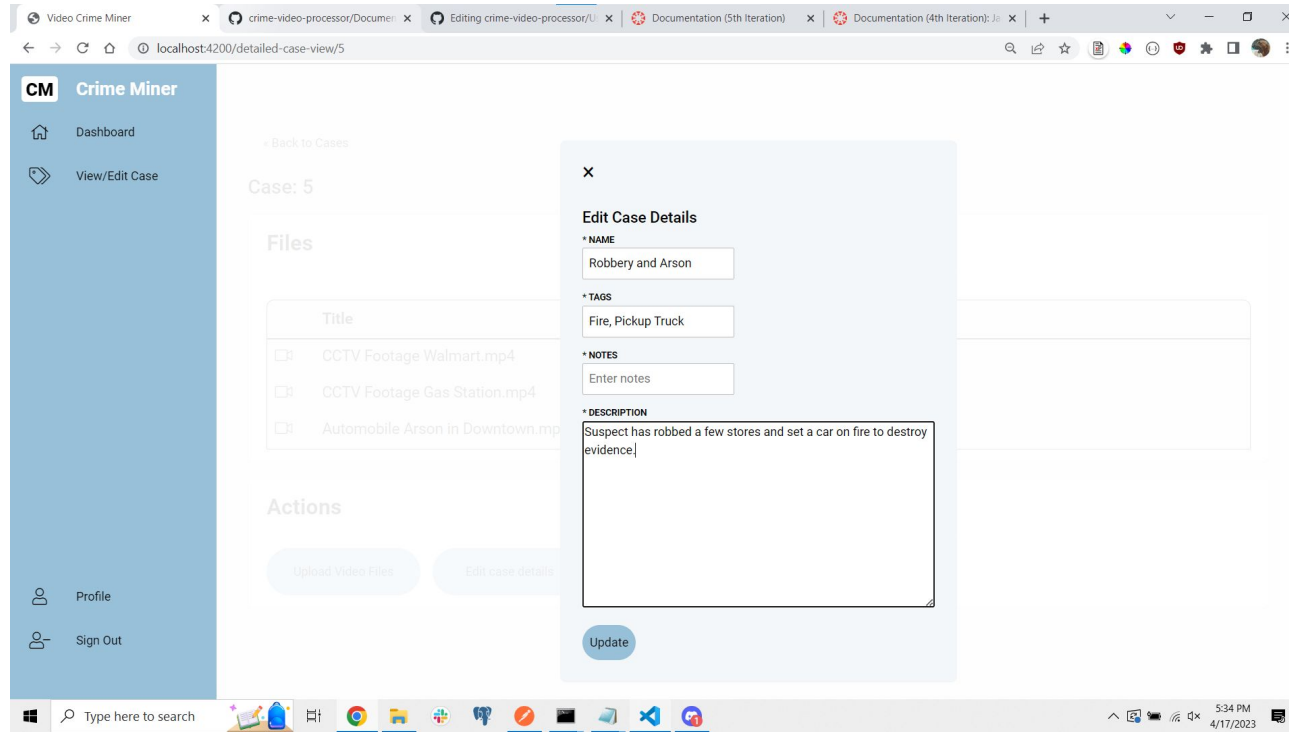
Shows the detailed view of case "Robbery Demo" files and action buttons.

Current Iteration Features



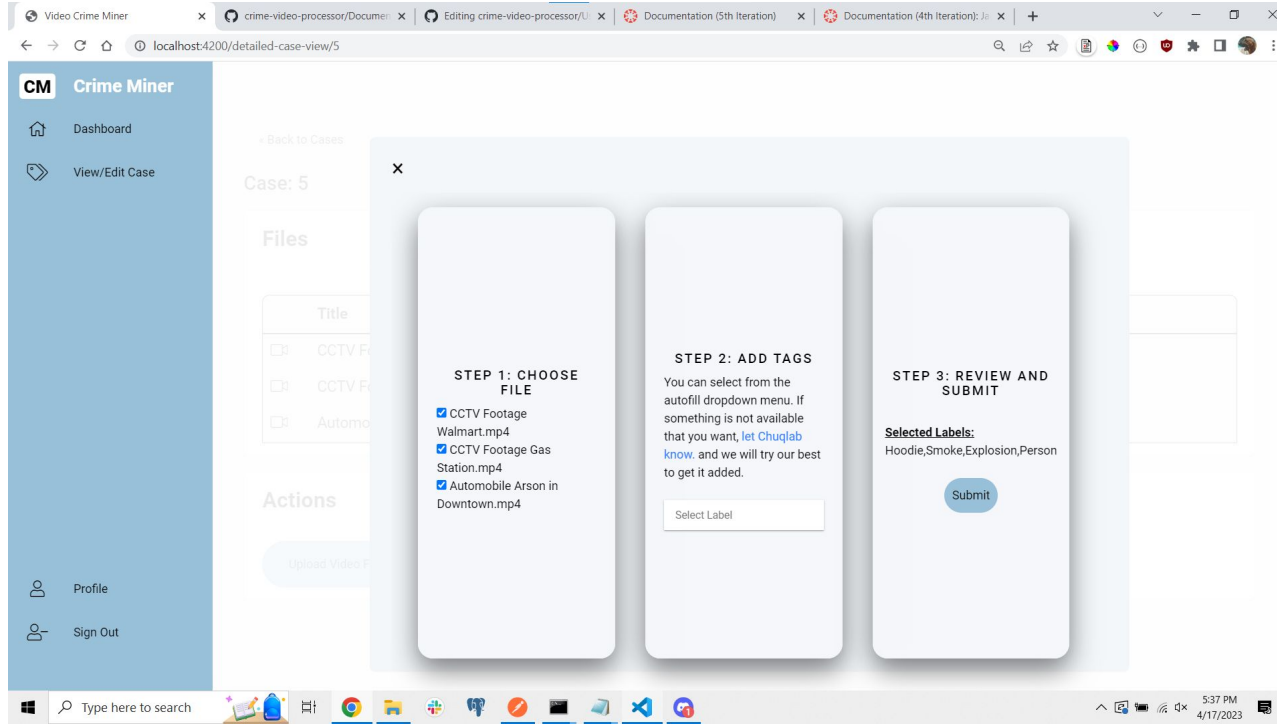
The upload popup screen it can upload multiple video files and has a progress bar that lets you know when the upload is finished.

Current Iteration Features



Popup Screen if something needs added or changed.

Current Iteration Features



Shows the user analyzing their video files for various keywords. The user selects the file, adds at least 1 of over 3000 accepted labels, and clicks submit, which shows the analysis has started. Users can click on finished analyses to see reports of keywords found.

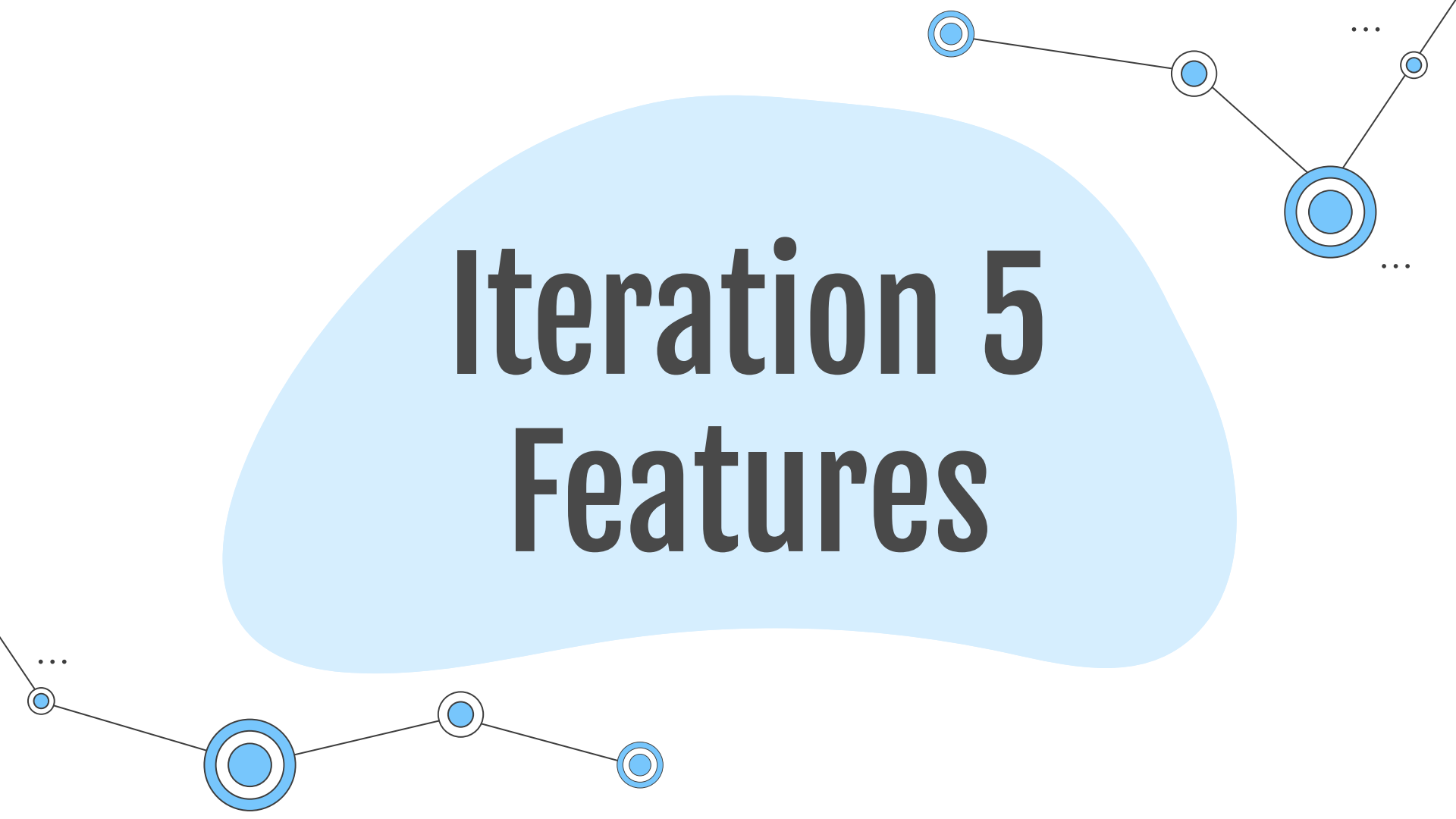
Current Iteration Features

The screenshot displays the Video Crime Miner web application. The browser tabs include 'Video Crime Miner', 'crime-video-processor/Docume...', 'Editing crime-video-processor/U...', 'Documentation (5th Iteration)', and 'Documentation (4th Iteration):'. The address bar shows 'localhost:4200/file-recognition-view/Pickup%20Truck,5'. The application interface has a sidebar with 'CM Crime Miner' and navigation links for 'Dashboard' and 'View/Edit Case'. The main content area shows 'Case ID: 5' and 'Tags: Pickup Truck'. A video player displays a white pickup truck in a residential setting, with a timestamp '2022-05-09 15:05:06' in red. To the right of the video player is a table of keyword instances, sorted by file. The table has two columns: the keyword instance and its percentage. The instance 'CCTV Footage W... 00:06:01' is highlighted with a grey background and shows a percentage of 86%.

Keyword Instance	Percentage
CCTV Footage W... 00:05:31	30%
CCTV Footage W... 00:05:36	50%
CCTV Footage W... 00:05:48	51%
CCTV Footage W... 00:05:48	53%
CCTV Footage W... 00:05:49	84%
CCTV Footage W... 00:05:49	55%
CCTV Footage W... 00:06:00	52%
CCTV Footage W... 00:06:00	54%
CCTV Footage W... 00:06:01	86%
CCTV Footage W... 00:06:01	56%
CCTV Footage W... 00:06:02	52%
CCTV Footage W... 00:06:02	50%
CCTV Footage W... 00:06:03	50%
CCTV Footage W... 00:06:11	50%

Shows the user selecting instances of keywords to view, and the video player showing the user which frame it's in in the video and bounding boxes of that keyword if applicable. User can sort labels by keyword or by file they're found in.

Iteration 5 Features



Iteration 5 features



Familiarize the web app

The Web app's flow should look similar to the Crime Miner Audio to lessen learning curve for users

Improve user authentication logic

Help users protect their account and data by improving login interface

Angular Web Application Interface

Create definitive user experience solely based on what Chuqlab wants.

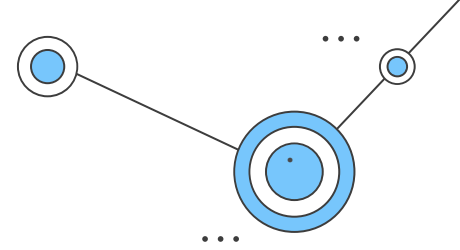
Make it easier for users to scan the whole case

Users should be able to search all files with one action

Download results for evidence

Give the user results they can export and share with others

Benefit to the Client

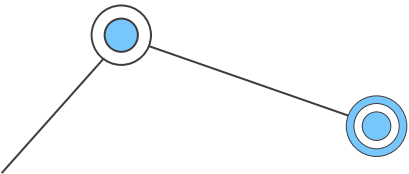


Before Project

- Chuqlab had no application to analyze video files for police detectives

After Iteration 5

- User can login and save their work and logout to prevent work being seen by others.
- User can successfully create a new case and upload the multiple file regarding case as well as adding description and title.
- User can then view the inputted labels and see the occurrences outlined by a blue box.
- User can download and delete cases.
- Project is ready to be used by outside users





**First
Year**

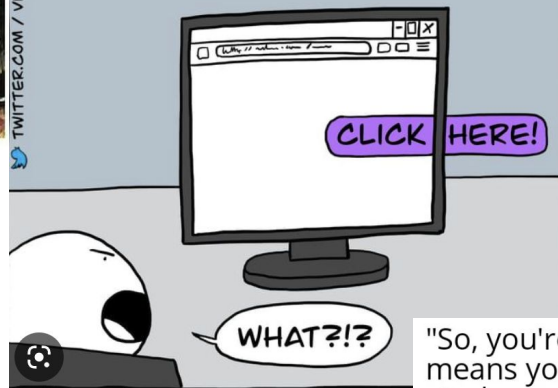
**Final
Year**

I will go into Google



Can someone plz help
me to clear my interview
to get a job ?

A BACKEND DEVELOPER
CENTERING A <DIV>



"So, you're a developer? That
means you copy code from
stack overflow right?"

Me:



Cher Scarlett ❤️🇺🇦 #FreeUkraine
@cherthedeve

Follow

Am I testing my code
or is it testing me



A decorative network diagram consisting of several blue circular nodes connected by thin black lines. The nodes are arranged in a non-linear fashion, with some having concentric circles. Ellipses (...) are used to indicate that the network continues beyond the visible nodes.

Demonstration