A black background with grey leaves

Description automatically generated

Gui Development - 2

Week 8

A grey logo on a black background

Description automatically generated

March 18, 2024

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# Objective

The objective of this week's report is to highlight the advancements made in the GUI development process. Addressing the previous week's challenges, the focus was on resolving issues related to cropping functionality, improving the user interface, and enhancing the overall GUI skeleton.

# Progress Summary:

## 1. Fixed Multiple Instances Issue:

**Issue**: Multiple instances of cropping functionality were created upon multiple image uploads, leading to cluttered user experience.

**Fix**: Instead of incorporating a separate page for cropping, a button with a popup window was added on page one. This popup window allows users to crop images, and once done, it can be closed, effectively mitigating the issue of multiple instances.

## 2. Correct Image Display:

**Issue**: Images uploaded varied in size and dimensions, causing inconsistency in display.

**Fix**: Implemented a frame with predefined dimensions to encapsulate uploaded images uniformly. This ensures that all images are displayed within the same dimensions, enhancing visual consistency across the GUI.

## 3. Fixed GUI Skeleton:

**Issue**: Page three lacked a visual reference for the data displayed in the Treeview, making it challenging for users to compare and edit information.

**Fix**: Added a frame displaying the uploaded image next to the Treeview on page three. This provides users with a visual reference, allowing them to easily compare extracted data with the original image and make necessary edits.

## 4. Export Table as CSV Feature Added:

A new feature was introduced on page three, enabling users to export the data displayed in the Treeview as a CSV file. This functionality enhances usability by allowing users to save extracted information and any modifications made for future reference or analysis.