

Formal Review Template

Requester Name: Kelly Nguyen

Reviewer Name: Maria Kennedy

Date of Review: Oct 7, 2025

Review Type (e.g., code, usability, design, other): Usability Review

Scope:

Artifact Reviewed: Froggy Fresh frog-detection desktop application

Review Objectives:

(From the email I received from Kelly)

- Photo upload: Load the sample frog photos — let me know if the upload feels smooth and intuitive.
- Usability:
 - Was setup straightforward?
 - Did the app window behave as expected?
 - Was photo loading/navigation easy?
 - Any confusing steps?
- Graph:
 - Currently a sample (not real data).
 - Designed to show frogs per month by camera (8 total, but only 3 shown here).
 - Does the layout make sense? Is it clear to read? Suggestions for improvements (labels, colors, sorting)?

Methodology:

Approach Taken (e.g., execute, inspect, observe): Executed the application locally, installed dependencies, launched the interface, uploaded sample frog photos, and interacted with classification and graph features.

Evaluation Criteria (e.g., expected behavior, best practices, heuristic evaluation): Setup clarity, upload intuitiveness, system feedback, navigation flow, and visual clarity of charts.

Coverage / Limitations (e.g., test login only, ignore database integration): Focused on frontend user experience only; did not test model accuracy or backend integration.

Findings

Strengths:

- Setup instructions were clear and easy to follow. The breakdown between Windows and Mac/Linux steps was especially helpful.
- The app launched automatically in its own window which was very convenient.
- Photo upload was smooth and responsive. I did this twice with the same folder: initial upload ≈ 30 s; repeat ≈ 5 s.
- Overall interface felt clean and intuitive once familiar with layout.
- The graph provided a clear, simple summary at launch.

Issues / Defects:

Description of Issue	Severity (Low/Med/High)	Evidence / Example	Suggested Fix
Upload location not immediately obvious on first launch	Low	Needed a moment to realize that “Sort Frogs” initiated uploads	Add brief helper text or an icon cue for first-time users. **May not be needed, see notes below.
Upload page required a folder rather than individual images	Low	Initially confusing without instructions	Add short note like “Select folder containing images”
Classification override allows redundant clicks	Medium	Able to click “NOT FROG” again on already “NOT FROG” image, skewing confidence metrics	Restrict override to the opposite label only
Graph separated by camera may limit insight	Low	Current dropdown forces one-camera-at-a-time view	Consider filters to view all cameras or select multiple. ***This may also be needed, again see notes below.

Here are the notes I took during my review. I've included them here in case extra clarity is needed:

Review:

- Photo upload: Load the sample frog photos — let me know if the upload feels smooth and intuitive.
 - **Photo upload went well. Initially when the app opened, it took me a second to realize where to upload the photos. I don't know that this is a bad thing since the app isn't being designed for the general public. Photos took about 30 seconds to upload the first time. For the heck of it I did it a second time which took about 5 seconds.
- Usability:
 - Was setup straightforward?
 - Yes, setup was easy to understand. I did have a hiccup when copy/pasting one of the commands, but was quickly resolved after typing it myself. I appreciate that steps were broken into Windows vs Mac/Linux.
 - Did the app window behave as expected?
 - Yes, I love that I didn't need to manually open anything, it launched on its own.
 - Was photo loading/navigation easy?
 - Yes it was easy. One note I had was when viewing the results of each run, I had the option to manually click through the photos and override the classification. For one of the correctly classified "NOT FROG" photos, I was still able to override by clicking "NOT FROG" thus skewing the confidence level metrics. You may want to adjust this so that it can only be overridden by the opposite classification. (I hope I'm making sense, if not I can explain it in person.)
 - Any confusing steps?
 - ** Like previously mentioned, it wasn't immediately apparent that the "Sort Frogs" button was where I was supposed to go to upload the files and without instructions on the upload page, I was also briefly confused by needing to upload a folder rather than individual pictures. Since this app isn't being used by the general public, I don't see either of these as a big problems. The application users are likely more familiar with the process and wouldn't have as many questions as I did. Overall, still easy to use.
- Graph:
 - Currently a sample (not real data).
 - Designed to show frogs per month by camera (8 total, but only 3 shown here).

- Does the layout make sense? Is it clear to read? Suggestions for improvements (labels, colors, sorting)?
 - I liked the simplicity of it, and that it's the first thing you see when the application launches.
 - *** Some thoughts on additional functionality - Is there a reason graph views are broken up by camera? If not, maybe you could swap the dropdown for filters to add the ability to view all cameras, or just cameras in a specific area.

