Hey Claudy, produce the detailed fix/file-about problems with the project. Re-analyze every line of the code, to research web, and see whether all these problems still exist, or have fixes where possible now. If there other unmentioned severe issues, just let me about your new findings, without actively anything yet.

Fit re-analyzing the codebase by line and research current best practices to verify and identify additional issues. Let me know Guy examining the codebase systematically.

Search for latest Image Transformation Security Vulnerabilities 2025	Web search
Fly.io and Vips thread safety in production 2025	Web search
Search for libvips Vips.Image.new_from_python 2025	Web search
"libvips" site:github.com/issues "memory" OR "leak" OR "thread"	Web search

Now let me analyze the current code patterns to identify any additional issues or validate the existing ones:

Analyzed libvips	View analysis
Analyzed libvips	View analysis
Vips 8.8+ API compatibility compatibility check	Web search

Based on my re-analysis of the code and current research, here are my **NEW FINDINGS** about the problems in this project:

UPDATED ANALYSIS: New Findings and Corrections

1. SEVERE MUTABLE OVERWRITE ACTIVITIES - ANALYSIS CORRECTED

Original Analysis Issue: The original analysis claimed the pattern existed in specific files (lib/ai/ai.ex:20 and lib/ai.ex:18). Still it's transaction_load_image() and found:

ACTUAL FINDING: The real deep overwrite bug exists, but in different locations:

```
ai/TRANSFORM_IMAGE_DRAW.ex:
  ```
  ```
  ```