Project Documentation

# Introduction

# Literature Review

SURF is not recommended, it’s patented and removed from standard OpenCV builds

**Why These Algorithms?**

* **ORB**: Ideal for speed and efficiency; very fast with good rotation/scale invariance.
* **SIFT**: Excellent robustness across scale/illumination; slower but best accuracy.
* **AKAZE**: Great trade-off between speed and quality; better for texture-rich scenes than ORB.

# Methods

# Implementation Decisions

# Evaluation

# AI Journal

# Team Contributions

# References

https://medium.com/@haydenfaulkner/extracting-frames-fast-from-a-video-using-opencv-and-python-73b9b7dc9661