

# Vision

**Team Name: CV goes fr**

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## **Project idea**

Our team is going to develop CVIP - Computer Vision Image Processing tool.

CVIP will let users do CV things with their images and videos fast, easy and effective.

For users the tool will be useful, maybe popular, but for sure it'll have a lot of ways to use.

## **Project goals**

- Develop an easy-to-use tool with a wide range of image and video processing capabilities available through the Command Line Interface (CLI).
- Gain a deep understanding of computer vision by dipping into the details of image and video processing algorithms.
- Use advanced computer vision techniques to ease intelligent image improvement and processing.

# Implementation

## **Command Line Interface**

The CLI interface will serve as an entry point for users to use the features of the CVIP. It will have an interface that will allow users to:

- Select input images and videos and define output paths for processed images.
- Implement a reliable command verification system to ensure correct interpretation and execution of user commands.

- Develop complex error handling mechanisms to provide clear feedback to users when problems arise.