SIMA

(Secure Image Masking Algorithm)

Website Url: www.fimasoft.com.tr

Team Members:

Ahmet Tunç

İbrahim Ataberk Kabasakal

Nusret Mert Yaşar

Furkan Tosun

Supervisor: Ali Berkol

Descripton of the Project:

This project aims to develop a model that automatically identifies and anonymizes faces in images using artificial intelligence algorithms. The model alters specific facial regions such as the eyes, nose, and mouth, making the original face unrecognizable, thereby preventing the disclosure of individuals' identities. It can be used to protect personal privacy in publicly available photos and videos.

Use Cases:

- **Social Media Platforms:** Anonymization of faces in photos to prevent the exposure of users without their consent.

- **Security and Surveillance:** Anonymization of faces in footage captured by security cameras to protect personal data.

- **News Media:** Anonymization of individuals in photos taken during public events to conceal their identities in news coverage.