

## Field of use

Software development & recruitment

## Current state of technology

Prototype developed and tested in laboratory

Developed by students at University of Ljubljana, Faculty of Computer and Information Science

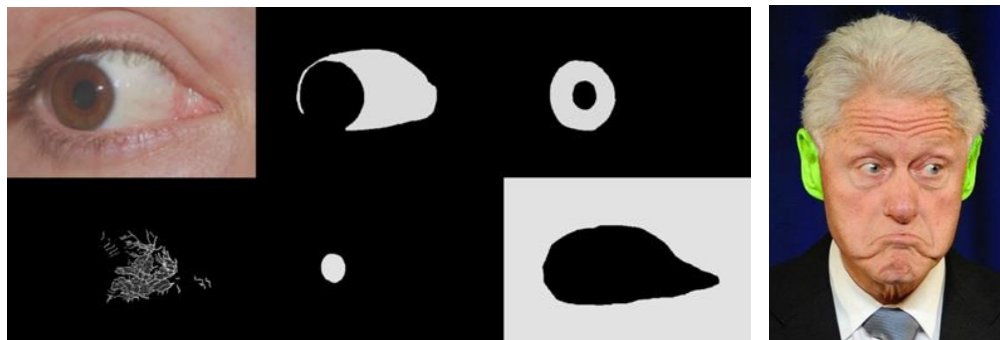
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## Background

Plain face recognition on mobile devices is often considered insecure. Unlocking phone quickly when someone is calling is cumbersome and is mostly disabled. This means anybody who picks up the phone call can answer the call.

We are in the process of developing an app for mobile devices, recognising the owner by his face and ear.

## Description of the Invention

We have multiple lightweight neural-network-based recognition options available for both eye and ear recognition. Our technology enables us to keep people anonymous while still revealing certain relevant characteristics (selectively).

Our technology enhances current face recognition used in mobile devices by employing eye and ear recognition in conjunction to current face recognition techniques.

## Main advantages

Our technology provides additional security when e.g. picking up the phone and bringing it to an ear when someone is calling.