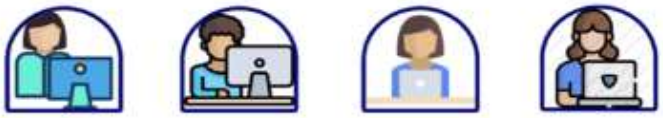
DEEP FAKE IMAGE AND VIDEO DETECTION

OUR TEAM



RAHAF ALAQL | ASEEL ALANSARI | KANARI BABHAIR | RAWAA ALMOABDI

Supervised By Dr. Ahad Aljarf

كلية الحاسب الالي ونظم المعلومات / جامعة ام القرى

ABSTRACT

Deep Fake Detector is a mobile application for people awareness of it. the aims of this project is to enhance the deep-fake detecting progress while needed by any person who could be a non-specialist.
they will reduce costs and time if they are using our application instead of another.specially most of the application spent around 5-6 hours progressing /images uploaded.
Deep Fake Detector application will follow scrum methodology and it will be built using Android Studio.

INTRODUCTION

Artificial intelligence now allows the creation of what is known as deepfakes, images that closely resemble real.
deepfake images, generated by deep learning algorithms, have attracted widespread attention. Deepfake technology can be used to perform face manipulation with high realism. So far, there have been a large amount of deepfake images circulating on the Internet, most of which target at celebrities or politicians' These images are often used to damage the reputation of celebrities and guide public opinion, greatly threatening social stability.

OBJECTIVE

- Make it easily
- Make it fast
- Awarness people
- Accuracy of the detection
- Increase the privacy and security

METHODOLOGY

TOOLS

Android Studio | Flutter | Dart | Firebase

PROTOTYPE

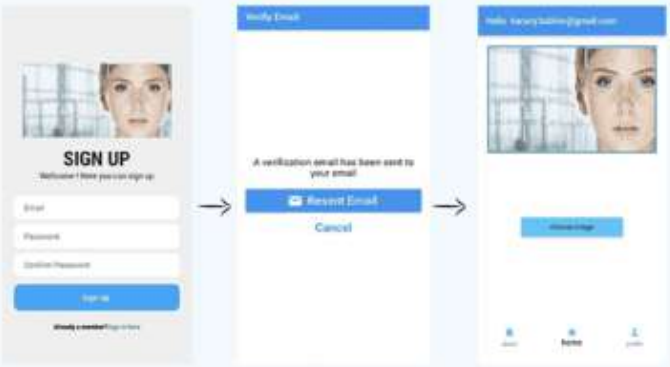


figure 1 : sign up page | figure 2 : verification page | figure 3 : home page

CONCLUSIION AND FUTURE WORK

The proposed of our application is to help people recognize the fact, minimize the crime, reduce the cost spent, and the time
After analysis and planning we notice that our aim and objectives will be achieved by implementing the proposed application.

The future work of the application will bedetecting deepfake video, audio and knowing the source of it.