F.R.A.M.E

User Manual(WIP)

Contents

1. Introduction
   1. Purpose
   2. Scope
2. Sign in
   1. Successful sign in
   2. Late sign in
   3. Not recognised sign in
3. Completed register
4. Introduction
   1. Purpose

The system is designed to use facial recognition to identify students when attending their classes and lectures. F.R.A.M.E matches the face to the register and then will mark the student in as attended, late or absent. Purpose of F.R.A.M.E is to give a new way to sign in for attendance using facial recognition instead of other methods such as paper registers.

* 1. Scope

The manual is designed to guide the user to be able to navigate F.R.A.M.E. This manual covers how to use the system and how it works.

1. Sign in

When the lecture is about to begin, F.R.A.M.E will start and display on the screen feedback of the camera. There will be the time and date on the screen as well as the time of the lecture. Once in the camera view the user will be requested to press the sign in button. When the sign in button is pressed F.R.A.M.E will take a photo and then match the photo to the database this then will display if the user has been signed in, signed in late or not meant to be in the lecture (error).

* 1. Successful sign in

If F.R.A.M.E has successfully found the user in the database there will be a green tick displayed on the screen, this indicates that the user has been signed in.

(image)

* 1. Late sign in

If the user is late for their lecture they can still sign in, but F.R.A.M.E will indicate that the user is late by displaying an amber tick. This means that the user is signed as attending but late.

(image)

* 1. Not recognised sign in

If the user cannot be recognised within the database a red cross will appear on the screen and the user will have to speak to the lecturer either to discuss why this has occurred or because the user may be in the wrong room, since they may not be on the register for the specific lecture.

(image)

1. Completed register

When the lecture has finished F.R.A.M.E will send an email with a pdf of all the students who attended, attended but late and did not attend. This will be sent to the lecturer of that lecture. Once the email has sent F.R.A.M.E will standby or have the next lecture up if there is one after.