

## **Face Recognition Based Smart Attendance System**

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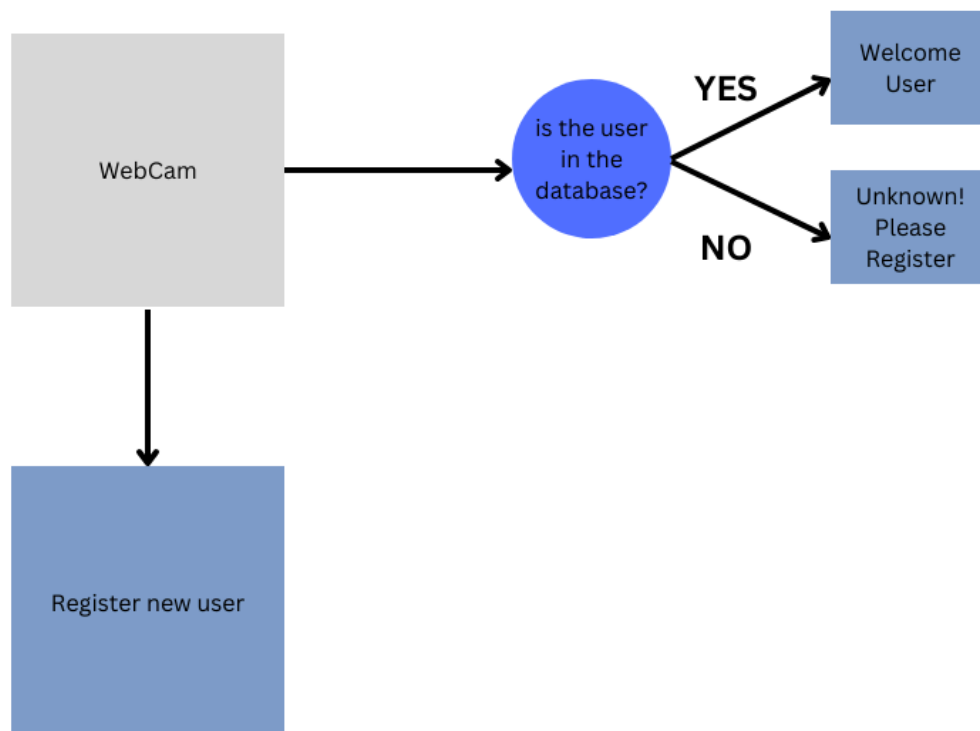
IT360: Information Assurance & Security

## 1-Working flow:

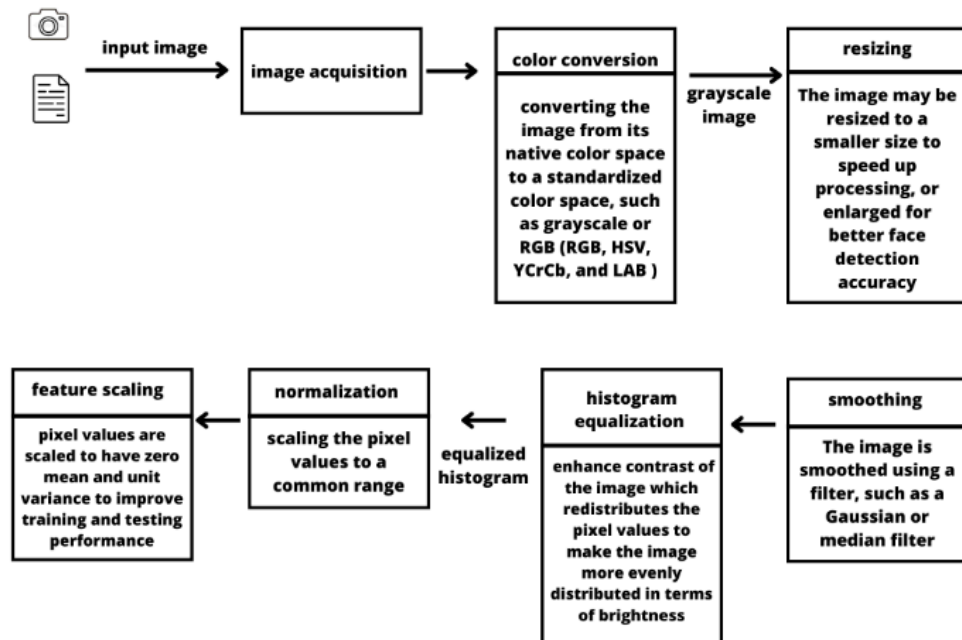
\*The registration: face saved in the database

\*Log in : the features are compared with faces in the database

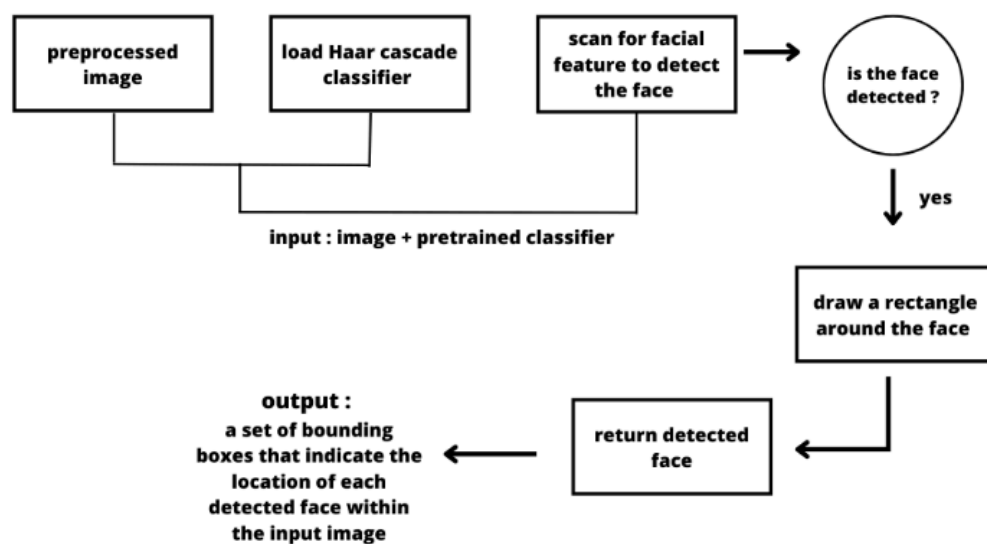
→ the two steps implement the image preprocessing, face detection, and feature extraction steps.



## a- Image preprocessing



## b-Face detection



**2-Data flow:**