Bank Transaction using Face Recognition

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Abstract: *In this project we are going to develop a robust automated web application for transacting money in higher level security purpose with high facial recognition. We must first register our personal information using our faces and pass a liveness detection test. For rapid and accurate results, a Haar cascade-based technique was used. Simple face detection from the input image. The image of the face is then transformed to a grayscale image. The iris, eyebrows, nose, and mouth of candidates are then taken from the intensity valleys of the identified face and stored as datasets, allowing our system to determine who is approved and who is not While logging in, our faces will be identified, and if we are approved, we will be able to proceed to the authorised page; otherwise, our system will not allow usto log in. For higher security purpose we have used face recognition module. Our face will be identified throughout the transaction, and only the authorised account holder will be able to transact money; others will not be able to transact money.*

Keywords: HAAR Cascade, Web Application, Face Recognition

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