ABSTRACT:

➤ In this day and age where there no longer exist the old ways to fill an application form for various examination through pen and paper every application form has become digitized. This is good progresses toward greener world but there are still people who find it difficult to navigate through the application and make one of the most common but grave mistake that is of uploading signature in place of photo or vice-versa. This is can happen due to various human errors or less readability of the form but we can mitigate this error through our application.

➤ Our application is python script which provides API based integration through Firebase/Fast API services to enable website to access our model. Our model demonstrates the features of AI detection using Cnn architecture, *TensorFlow* and *keras* libraries and it is a fully connected neural network with 9-10 layers of filters and Max_Poolings

➤ The application also includes some innovative additional features such as recognition of multiple images of signature of faces instead of one face and signature, rotation of wrong oriented face images to algin them properly

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and the whole application is being developed independent of any 3rd party licensed software like Microsoft/Google to provide high customizability and efficiency.

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