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# Capital One Mobile Authentication: Authentication using Biometric

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## **Capital One Mobile Authentication**

Authentication using Biometric



## What is Mobile Authentication?

- · A development of retinal/facial recognition
- A development of authentication API
- Integration of EyeVerify SDK
- Evaluation of EyeVerify SDK

## Development

- Mobile Application
  - · Development of user interface using Swift, Objective-C, and Xcode
  - Implementing EyeVerify SDK
  - Alamofire and AFNetworking are being used to make HTTP requests
- RESTful API
  - · Development of back-end using node.js and MongoDB
  - · Handling information and account management
  - Heroku for hosting

## Why Biometric?

## "USERNAME OR PASSWORD Username/Password: INCORRECT."



- Lack of identity check Security based on
- strength of password • Other issues

## Does it look familiar?



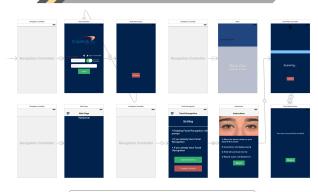
#### Solution

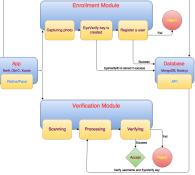


## Retinal/Facial Recognition:

- Better security
- · Avoid identity thefts
- High accuracy
- · Easy to use

## Application Design







Make it real.