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GIT REPOSITORY-: https://github.com/singhdivyank42/TEAM-CARBIDE-UIDAI-Hackathon-2021





#### Team Slide



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# Theme 2: Authentication Reimagined

GIT REPO-: https://github.com/singhdivyank42/TEAM-CARBIDE-UIDAI-Hackathon-2021



## Authentication Application :

- A Real world application using UIDAI's authentication services
- Authentication of individual without disclosing AADHAR NUMBER.
- Consist of Resident(user's device) and Verifier(Authority) application with smooth UI experience.



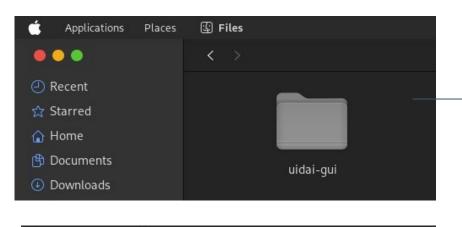
#### **TOOLS AND TECHNOLOGIES:**

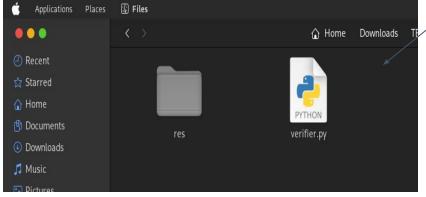


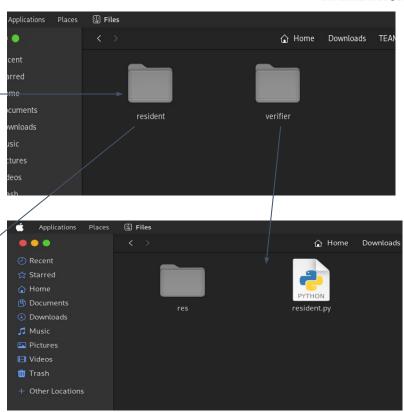
- Python (backend and frontend (tkinter))
- 2. Aadhar authentication API



# AADHAAR HACKATHON 2021







```
Applications Places  Text Editor
● ○ ● Open ▼ +
       base64
       tempfile
         data =
         response = requests.post(url=url,data=json.dumps(data),headers=headers)
                temp = tempfile.TemporaryFile()
                temp.write(base64.b64decode(isonData['captchaBase64String']))
                img = Image.open(temp)
                img = img.resize((180,50))
                cap = ImageTk.PhotoImage(img)
```

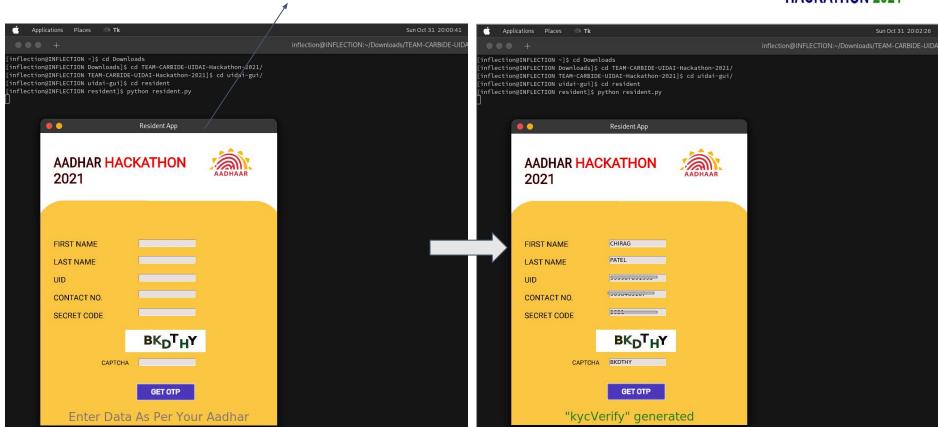


# AADHAAR HACKATHON 2021





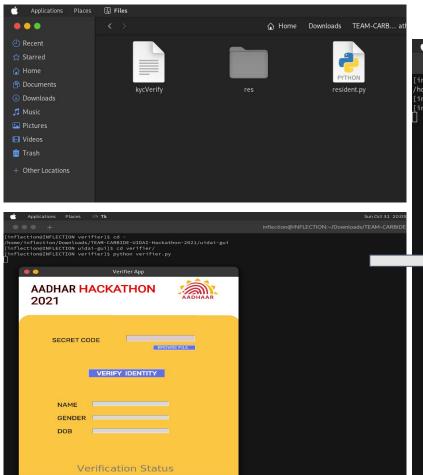
AADHAAR HACKATHON 2021

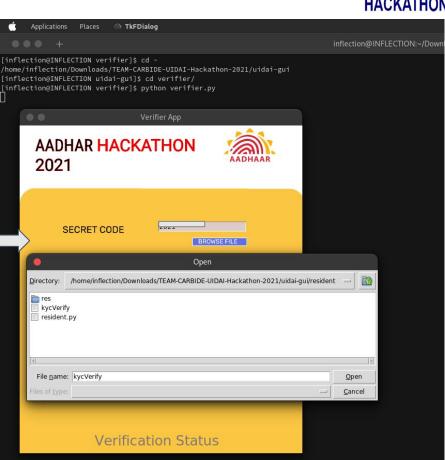


**RESIDENT APP** 



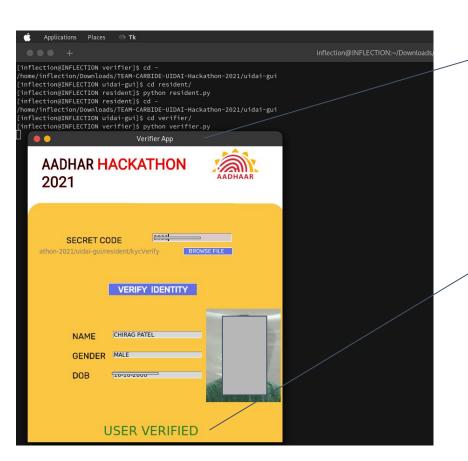
## AADHAAR HACKATHON 2021







#### **SCREENSHOTS:**



#### **VERIFIER APP**

#### **USER VERIFIED**

Indicates that user's KYC matches with the data input by user without using internet and without disclosing aadhar number.



# THANK YOU!