

# Cyber Security

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Online Personal Identity (OPI) Finder

# Problem

The **global cyber crime** encounter rate is about **22%** every year.

Most of the cyber crimes take place in the form of **Online Information Theft** of users' personal information on the internet [statista]

Online Data Breaches

Identity Theft

**It is important for the users to know how and where their data is being used.**

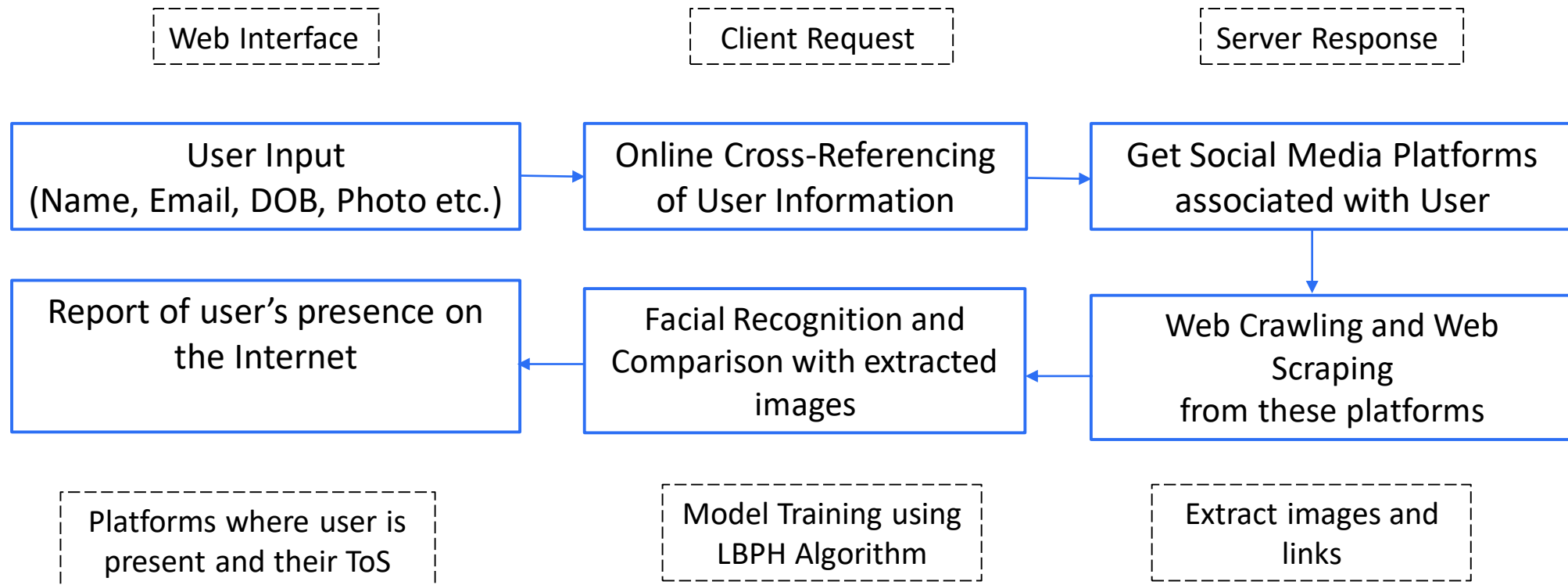
# Our Idea

We aim to implement a system that will help the users find out on which **social media platforms** they have their data saved so that they can keep a track about **where** and **how** their information is being used.

With **facial recognition system** and **textual information** such as *name, email, phone number*, etc. our proposed idea finds a user's account linked with different platforms over the Internet.

The users can also learn about the **terms of services** of the websites they unknowingly agreed to, who may be potentially vulnerable to cyber theft.

# How it works:



# Prototype Screenshots

Online Personal Identity Finder

....~Ph0eNix

**Name**

Enter First Name

**Email**

Enter Email

**Date of Birth**

dd-mm-yyyy

**Mobile Number**

Mobile Number

**Upload Image**

Browse

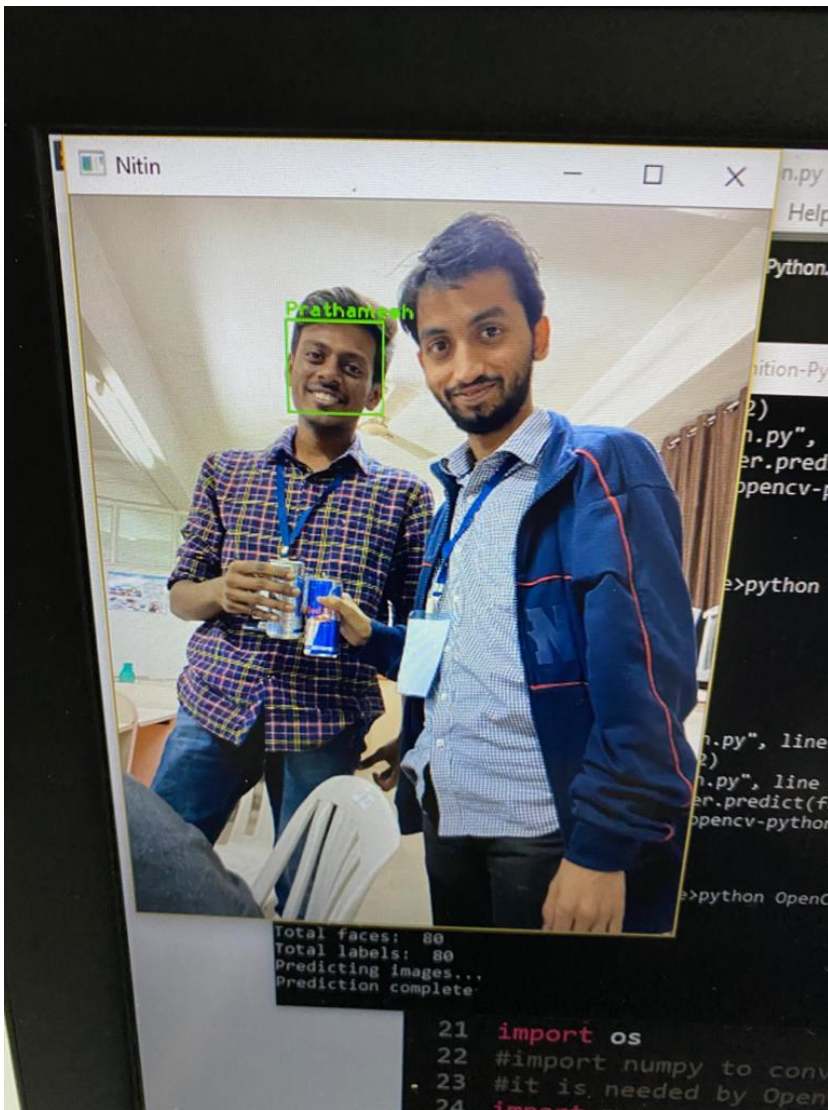
Submit

User Interface

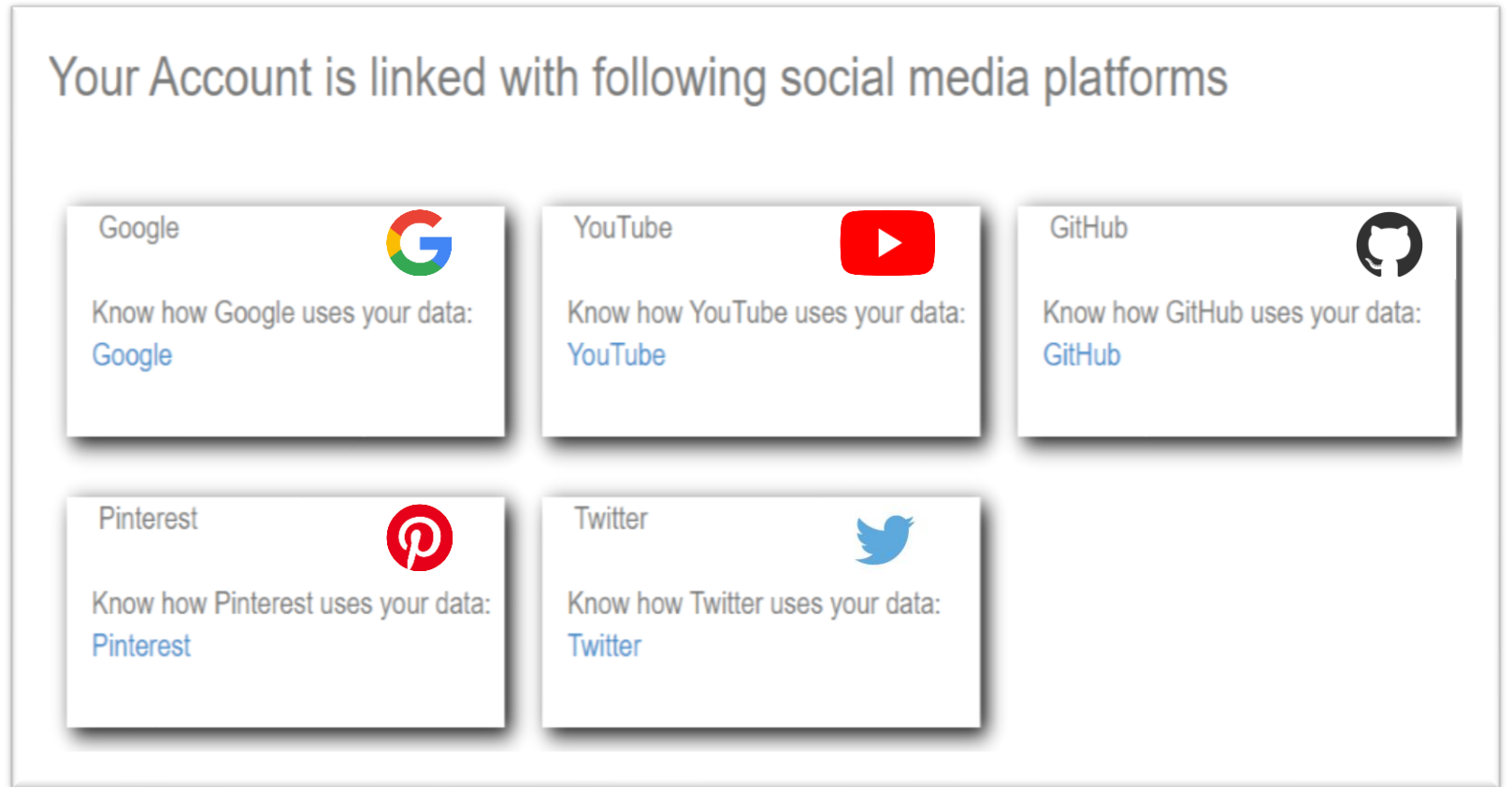
```
C:\xampp\htdocs\dmce\socialscan>socialscan finchflinch01@gmail.com
-----
finchflinch01@gmail.com
-----
GitHub
Instagram
Lastfm
Pastebin
Pinterest
Twitter
Spotify

Available, Taken/Reserved, Invalid,
Completed 8 queries in 13.34s
```

Server Response of the platforms user has registered on



Facial Recognition



Platforms where user is present and their Terms of Services

# Technology Stack

- Python & OpenCV for Facial Recognition
- Web API Endpoints for Instagram, Twitter, GitHub, Spotify
- Scraper Web Tool
- HTML, JavaScript