

# Signature Authentication System

Udita  
Shreya  
Aastha  
Abhisatwika

WE Cohort V

June 9, 2023

# Problem Statement

Developing a signature Authentication and Encryption Service which allows physical signatures to be used as a digital medium of Signing-in in Websites.

# Signing up

1. Store 10 running signatures as input and encrypt them
2. After encryption the encoded form in database will be stored.

# Logging in

1. Three tries will be given for getting any matching signature
2. User will be notified on successful authentication
3. If unsuccessful user will be notified and account will be blocked

# Tech Stack

- Python(plyer library)
- Django(Backend)
- Jinja2 (Templating)
- OpenCV (image processing library)
- Crypto library
- API development for Django REST Framework( for request handling)

# Thankyou