

Project Title: Object Tracking

Team:

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Features:

1) Authentication

- a) Login
- b) Signup

2) Object Tracking

- a) With the Help of the Webcam used to track the object
- b) Saved videos used to track the moving objects
- c) The direction of the Object moving
- d) Database entry time object is Moving and stop

3) Notification

- a) Send the alert when the object stops moving

File Structure:

Object Tracking

1) Models

- a) Authentication_Model
- b) EntryExit_Model

2) Controllers

- a) Authentication_Controller
 - i. Login
 - ii. Signup
- b) Webcam_Controller
 - i. Detect
 - ii. Stop
 - iii. Alert
 - iv. Auto_save
- c) Video_Controller
 - i. Open_video
- d) Records_Controller
 - i. Send_Sms
 - ii. ShowTkwindow

3) Views

- a) Authentication_View
 - iii. Login
 - iv. Signup
- b) Webcam_view
- c) Video_View
- d) Records_View

4) App.py

5) Requirement.txt

(Libraries to install)

6) Help.doc

(Basic details how to use it)

DB Tables:

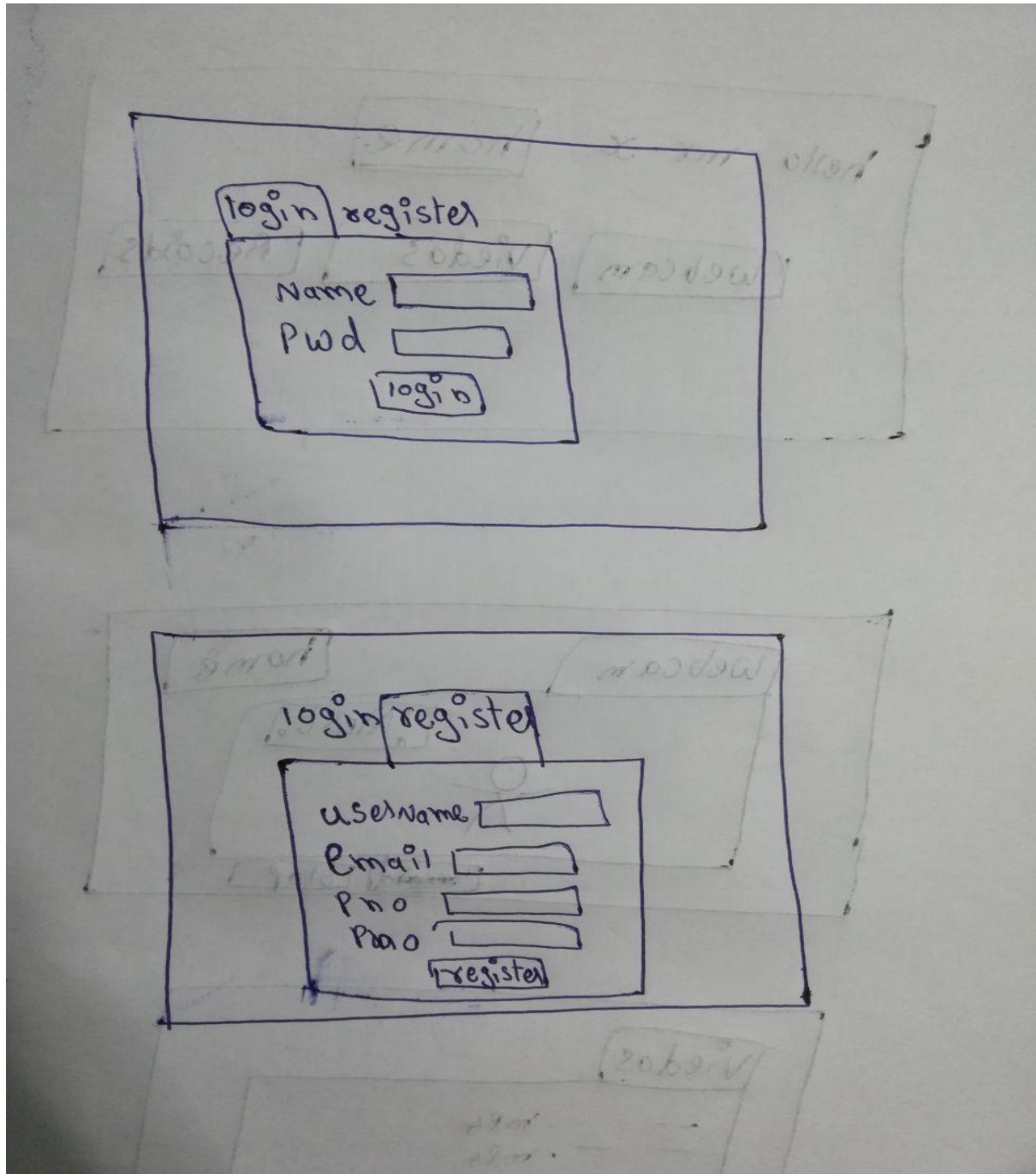
1) Authentication_Model

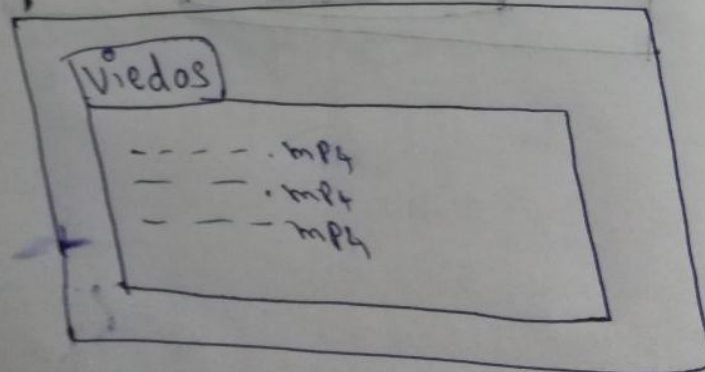
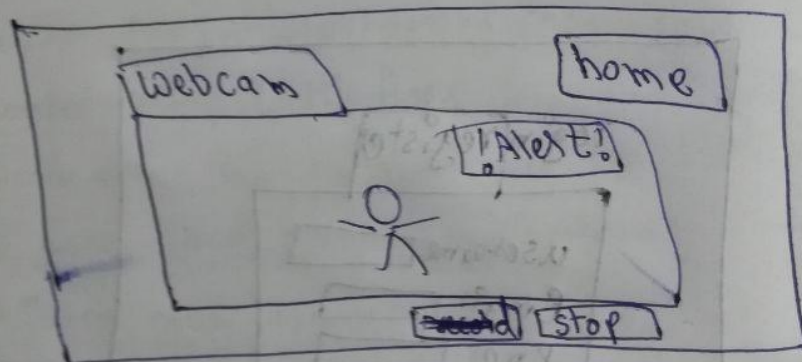
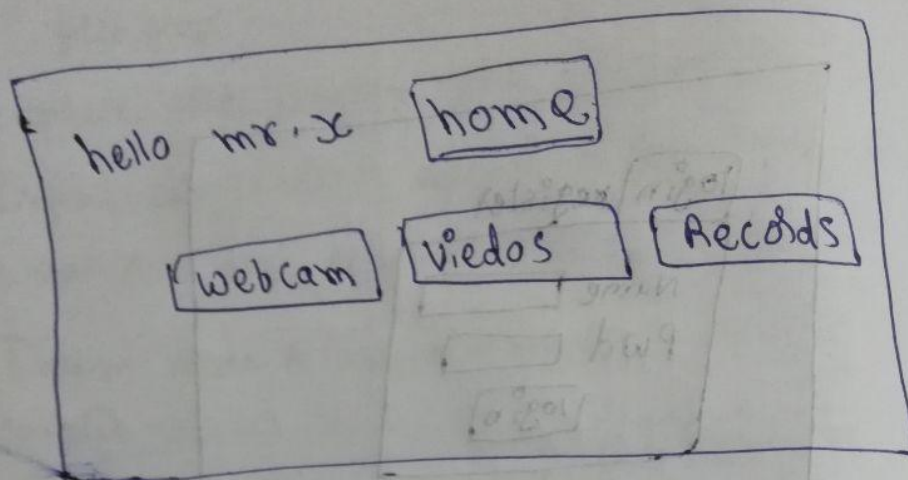
- i. ID (Primary Key, AI)
- ii. User name (Unique)
- iii. Password
- iv. Phone
- v. Email

2) EntryExit_Model

- i. ID (AI)
- ii. User name (Foreign Key)
- iii. Time start Moving
- iv. Time Stop Moving

Layouts:





home

Records

Name	start	stop