**Project Execution Steps:**

**Server Side:**

As part of the server side process, we have to (in our project we use the streamlit app framework to simulate the server side execution that binds together the database, the user input and facial recognition system):

Step 1: Open the pycharm editor

Step 2: Open the respective project

Step 3: Open the terminal

Step 4: Type in the following command :-

**streamlit run webapp.py**

this starts up the streamlit app framework and makes the search engine ready to take the user input.

**User Side:**

As part of the user side process, we have to run the following steps:

Step 1: Open the website or webpage name **main.html**

Step 2: Type in the following details and click on Login:

**Voter id: 123456**

**Email:** [**vudhanthineeraja@gmail.com**](mailto:vudhanthineeraja@gmail.com)

**Password: 1236**

(The above details are verified and authenticated using the JavaScript code in the project.)

Step 3: The **identity verification** page opens up.

Step 4: Click on Browse files button to upload the image and click on verify identity.

After the verify button has been clicked, there are three different pages that can open up, as follows:

**If the user is registered and has not voted:**

**num0.html** opens up and allows the user to vote and the vote status of the voter is changed to “voted” and the vote count is incremented to 1 in the database.

**If the user is registered and has voted:**

**num1.html** opens up and doesn’t allow the user to vote and the vote status of the voter is remains “voted” and the vote count is still set to 1 in the database.

**If the user is not registered:**

**num2.html** opens up and allows the user to register themselves to vote at the website by clicking the link that is provided to them.