**Working Assumptions**

You have mini-conda or Anaconda installed on a windows PC / laptop.

If not, refer to <https://docs.conda.io/projects/conda/en/latest/user-guide/install/windows.html> .

Internet access is required to download some installation packages.

Steps:

|  |  |
| --- | --- |
| No | Details |
| 1. | Create a project folder (e.g tihar)  Unzip the codes into the project folder.  The directory structure should look similar to:  Graphical user interface, application  Description automatically generated  The critical contents are:  **Streamlit-app-v0.2.py** is the web demo program that needs to be run.  The folder model contains the **trained model** that is used for interference.  The folder data is where **sample videos are kept**. You can add more. |
| 2. | On the windows search bar, search for Anaconda Prompt app.  Graphical user interface, application  Description automatically generated  Open/run the app.  Using the Anaconda command prompt, create a new virtual environment .  $ conda create –-name tihar python=3.8  Text  Description automatically generated  Note: The environment name in the example above is call tihar. You can choose another name.  Activate the new environment. You should see that the prompt is now prefixed with the environment name.  $ conda activate tihar  Graphical user interface, text  Description automatically generated |
| 3. | Change directory to the project directory that was created in step 1.  Look for the file requirements.txt. You may have to edit it depending on whether you are installing on GPU or non-GPU laptop.  Install the dependencies.  $pip install -r requirements.txt |
| 4. | Run the Streamlit app.  $streamlit run streamlit-app-v0.2.py  Text  Description automatically generated  You can ignore messages related to tensorflow cuda. If successful, your browser should open to display a new page. |

Explanation notes:

1. The trained model is located at the directory /model. It will be swapped out for a newer version when the latter is ready.
2. Sample videos are found in directory /data. This video should be based on the landscape orientation as per the data collection stage using Seek.
3. To change the project information page, edit the file project-info/about.md using a text editor.

Good luck and let us know your feedback.