1. Using the installation file

* The W11 Test PC contains of a folder called (Installation-file) . Double click it to install in the desired device.
* All the required dependencies are installed along with the installation file.

1. Using the manual method:

* Open Manoj application/application/dist/Home\_2.exe to start the application.
* If need to install manually then use the req.txt file to install all the dependencies into VS code or other desired IDE.

To correct the distortion:

* Print the checkerboard-A4-25mm-10x7.png file
* Print it and capture the image using capture.image.py file.
* Try to take the image from different angles and different possible positions through the frame.
* Now use calibration.py file to extract the cameramatrix.pkl , dist.pkl, calibration.plk file and copy it in the main folder where the main .py file is stored.

To do the detection video

* Extract the video into .mp4 format and run the detection\_on\_video and use the correct path for the video file.
* Home\_2.py file for the interface of the application(used tkinter)
* Jik.py file for the main program.

A large warehouse with a truck and a couple of racks

Description automatically generated with medium confidence

While installing the camera use vimbaX sdk software to open and run the camera.