**Important:**

As the project is in starting and developing phase so their will be some errors also the project would work with just a single click you have to do some efforts because it is the starting phase and all modules are separated and work separately but works.

**week 4**

**Muhammad Talha (BSCSF17E032)**

copy and paste the folder of image enhancement on your desktop.

open MATLAB and select files from the folder which you have just pasted.

change the path of images according to your pasted location and if you want to try on your images just provide the path of images in code.

TIF images

tiff format is used for high resolution images. I have use tiff format, if you have jpg or other formats got to online conversion and do it.

**Adeel Shahid (BSCSF17E045)**

Download the folder of name week4(Image Segmentation) on your desktop.

Open MATLAB.

And select files from the folder which you have just downloaded.

We have Hard coded some sample Images but, if you want to test our code to other Images you have change the path from the code.

**Rana Shameer Khalid (BSCSF17E030)**

First of all, you just have to create a simple folder on the desktop then copy-paste all images uploaded on directories.

Then you have to add that folder to your MATLAB and just copy-paste code from git-hub to MATLAB and run it.

The modules are separated so for now you have to run them separately.

For Rana Shameer's Directory, you just have to run GrayScaleImageConversion.fig. You can use GUI here. Just click on each button and get the result.

Images are hardcoded you can add your own custom images by just changing their name and adding them to the folder you created on the first step, and of course, images should be in Jpg format.

**week 3**

**Muhammad Talha (BSCSF17E032)**

copy and paste the file of Image compression using discrete cosine transform technique on your desktop.

open MATLAB and select files from the folder which you have just pasted.

there will be some errors because the project is in working and starting phase soon will be resolved.

**Adeel Shahid (BSCSF17E045)**

Download the folder of name week\_3 on your desktop.

Open MATLAB.

And select files from the folder which you have just downloaded.

If you want to Design the Front-end using MATLAB.

Goto Command Window-> type Guide -> Blank GUI -> Select Ok.

New Window Will be appear and you can simply drag and drop the controls and make the Frontend Design as per your Requirement.

**Rana Shameer Khalid (BSCSF17E030)**

Searched for dataset of diseases (Citrus Greening, Citrus Canker and Anthracnose) and provide images as per demand for the code I have convert the image into code.

Copy file anthracnose disease image code and past on your desktop.

Open MATLAB.

Open file (anthracnose disease image code).

**Week 2(Collaboratively Work): -**

**Adeel Shahid (BSCSF17E045)**

**Muhammad Talha (BSCSF17E032)**

**Rana Shameer Khalid (BSCSF17E030)**

Copy file k-means algorithm implementation and past on your desktop.

Open MATLAB.

Open file (k-means algorithm implementation).

There will be some errors because the project is in working and starting phase soon will be resolved.

**Week 1(Collaboratively Work): -**

**Adeel Shahid (BSCSF17E045)**

**Muhammad Talha (BSCSF17E032)**

**Rana Shameer Khalid (BSCSF17E030)**

Selection of diseases and code of all algorithms which we will be using in our project.