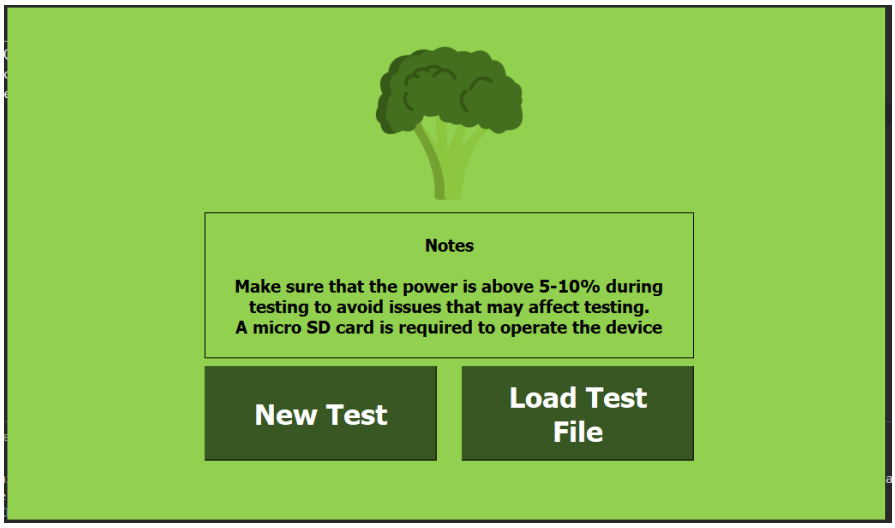
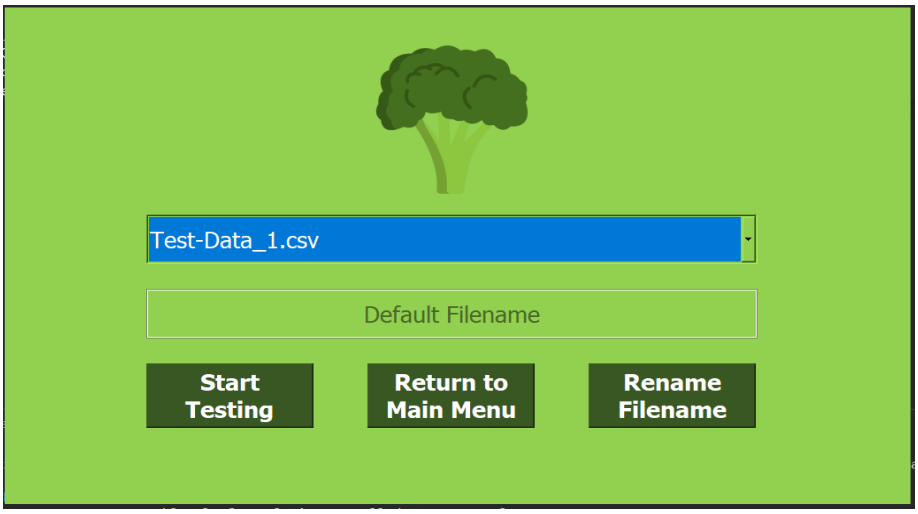
Step by step GUI:

1.

2.



3.



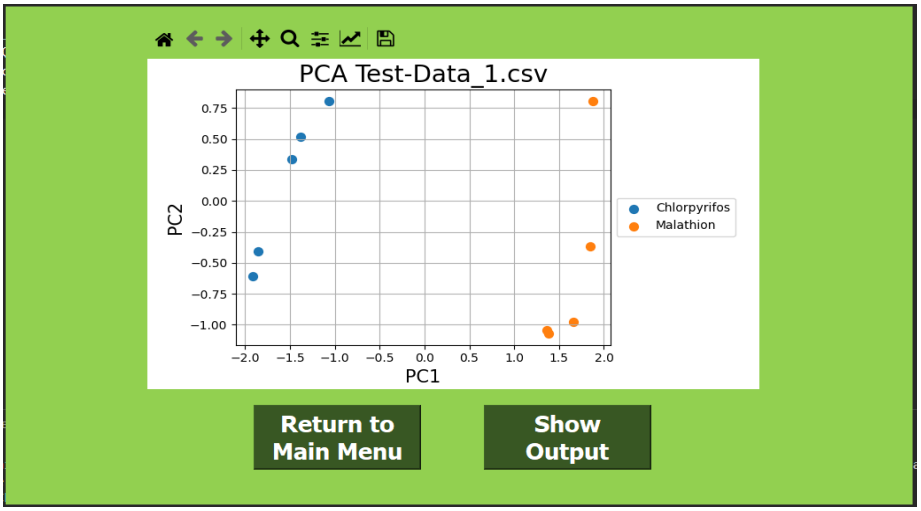
4.

Sample Name	PH Sensor (0 – 14)	NPK SENSOR (unit of measurement)		
		Nitrogen (N)	Phosphorous (P)	Potassium (K)
Test-Data_1				

Note: Insert unit of measurement for NPK (unit depends on NPK sensor data)

Broccoli PH scale should be: (pH: 6.30-6.85) – suitable for human consumption

5.



Note: PCA should be for Nitrogen, Phosphorous, and Potassium for pesticide classification

6.

Sample Name	NPK SENSOR (percentage found in sample)			Pesticide Classification
	Nitrogen (N%)	Phosphorous (P%)	Potassium (K%)	
Test-Data_1	14	14	14	**Complete NPK (OrganoChemical)**

Sample Name	NPK SENSOR (percentage found in sample)			Pesticide Classification
	Nitrogen (N%)	Phosphorous (P%)	Potassium (K%)	
Test-Data_2	16	20	0	**Ammonium Phosphate**

Sample Name	NPK SENSOR (percentage found in sample)			Pesticide Classification
	Nitrogen (N%)	Phosphorous (P%)	Potassium (K%)	
Test-Data_3	21	0	0	**Ammonium Sulfate**