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| **S.NO.** | **DESCRIPTION** | **EXPECTED RESULT** | **ACTUAL RESULTS** | **STATUS** |
| 1. | Matlab Installation | Activation successfully completed | Activation Failed | No |
| 2. | Matlab Installation | Installation successful | Installation successful | Yes |
| 3. | Performing Segmentation. | Display segmented ROI with three clusters | Error in the Code | No |
| 4. | Performing Segmentation | Display Segmented ROI with three clusters | Successfully displayed three clusters | Yes |
| 5. | Classification using k-means | It should display correct disease name. | Not properly Classified. | No |
| 6. | Classification using SVM | It should display correct disease name | Properly classified. | Yes |
| 7. | Diseased Area Calculation | Should display accurate results | Showing random results for same leaf | No |
| 8. | Diseased Area Calculation | Should display accurate results. | Correct calculations | Yes |
| 9. | Accuracy of the k-means algorithm | Expected more than 95% | Below 95% | No |
| 10. | Accuracy for SVM classifier | Accuracy above 95% | As Expected | Yes |
| 11. | Execution with GUI components | Execution with a clean interface | Displayed nothing | No |
| 12. | Execution with GUI components | Execution with a clean interface | Execution with a clean interface | Yes |
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