System Testing

Each run is 20 scans.

A failure is either because the page was not flipped or because the scan sent to website did not crop properly and is black.

|  |  |  |  |
| --- | --- | --- | --- |
| **Cause of Fail** | **Start – 8 runs** | **Mid – 6 runs** | **End – 6 runs** |
| Silicon | 5 | 19 | 7 |
| Image Processing | 1 | 2 | 2 |
| Flicker | 2 | 6 | 3 |
| Prongs | 0 | 4 | 1 |
| Camera Unfocused | 0 | 0 | 0 |
| Pi Failing | 0 | 0 | 0 |
|  |  |  |  |

Average time 160 seconds

Chart

Description automatically generated

Chart, bar chart

Description automatically generated

Image Processing results

Average rating for 9 images based of 20 surveys.

Rated 1 – 5, 5 being best.

|  |  |  |  |
| --- | --- | --- | --- |
|  | Readability | Accuracy | Quality |
| MEANS: | 4.027777778 | 3.611111111 | 3.733333333 |