Unit Test Plan for *InitialModel*

# Unit Test Results/REPORT

| Module: InitialModel.py | | | | |
| --- | --- | --- | --- | --- |
| Unit: test\_load\_image | | | | |
| **Test case ID** | **Input Values** | **Expected Output** | **Actual Output** | **Pass/Fail Status** |
| 00001 | image\_0.jpg | true | true | Passed |
| Unit: test\_convert\_to\_gray | | | | |
| 00007 | image\_0.jpg | true | true | Passed |

| Unit: test\_extract\_features | | | | |
| --- | --- | --- | --- | --- |
| 00007 | image\_0.jpg | true | true | Passed |

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| Unit: test\_perform\_kmeans\_clustering | | | | |
| --- | --- | --- | --- | --- |
| 00007 | image\_0.jpg | true | true | Passed |

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| Unit: test\_process\_images | | | | |
| --- | --- | --- | --- | --- |
| 00007 | img\_size, clusters, feature\_extractor | true | true | Passed |

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| Unit: test\_export\_and\_read\_csv | | | | |
| --- | --- | --- | --- | --- |
| 00007 | img\_size, clusters, feature\_extractor | true | true | Passed |

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| Unit: test\_normalize\_score | | | | |
| --- | --- | --- | --- | --- |
| 00007 | score, min\_score,  max\_score | true | true | Passed |