**Sprint 1 Test Cases**

**Test Case: Corrolator-test-001**

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| **Purpose:** | Bring up the Corrolator site |
| **Prereq:** | None |
| **Test Data:** | None |
| **Steps:** | 1. Visit site URL 2. Verify that the a branded page comes up with a map of the US 3. Verify that there is a banner section, a filter section and a map section 4. Verify that I can zoom into or out of the map |
| **Notes and Questions:** |  |
| **Status** | Passed |

**Test Case: Corrolator-test-002**

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| **Purpose:** | Navigate map by state |
| **Prereq:** | Corrolator-test-001 |
| **Test Data:** | None |
| **Steps:** | 1. Select Iowa as the state 2. Verify that the map navigates to the state of Iowa 3. Verify that I can zoom into and out from Iowa |
| **Notes and Questions:** |  |
| **Status:** | Passed |

**Test Case: Corrolator-test-003**

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| **Purpose:** | Navigate away from state |
| **Prereq:** | Corrolator-test-002 |
| **Test Data:** | None |
| **Steps:** | 1. Navigate away from Iowa and click somewhere Illinois 2. Verify that Iowa is un-selected and the map stays on Illinois 3. Zoom in on Illinois |
| **Notes and Questions:** |  |
| **Status:** | Passed |

**Sprint 2 Test Cases**

**Test Case: Corrolator-test-004**

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| **Purpose:** | Ag dropdown is correct |
| **Prereq:** | None |
| **Test Data:** | None |
| **Steps:** | 1. Select Crop Harvest drop-down 2. Verify that it contains 54 entries 3. Verify that it contains the following:    1. Amaranth    2. Camelina    3. Crambe    4. Guar    5. Millet    6. Triticale    7. Wild Rice |
| **Notes and Questions:** |  |
| **Status:** | Failed.   1. 56 crops expected but total count of dropdown items is 43. 2. Amaranth and Crambe are missing from the dropdown 3. List is not sorted |

**Test Case: Corrolator-test-006**

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| **Purpose:** | Occupation drop-down is correct |
| **Prereq:** | None |
| **Test Data:** | None |
| **Steps:** | 1. Select drop-down 2. Verify drop-down is populated with a total of 23 ‘-000’ codes (highest level code which includes 00-000 which is all codes) 3. Verify that the following are present:    1. 00-000 All Occupations    2. 23-000 Legal Occupations    3. 35-000 Food Preparation and Serving Related Occupations    4. 51-000 Production Occupations    5. 53-000 Transportation and Material Moving Occupations |
| **Notes and Questions:** | I chose only high-level (-000) codes based on revised requirements |
| **Status:** | Failed.   1. Only major and broad categories should be in the dropdown. 23 codes expected but 243 are in the dropdown |

**Test Case: Corrolator-test-007**

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| **Purpose:** | Verify correlation of Commodity Code to Occupation Code |
| **Prereq:** | Corrolator-test-004, Corrolator-test-006 |
| **Test Data:** | None |
| **Steps:** | 1. Select Commodity Code drop-down 2. Select Flaxseed 3. Select Occupation Code drop-down 4. Select 45-000 (Farming, Fishing, and Forestry Occupations) 5. Navigate to Minnesota 6. Verify that the totals are:    1. 3,002 Acres Harvested    2. 3,530 Total Employees working in Farming, Fishing and Forestry Occupations 7. Verify that the colors on the map align to the legend |
| **Notes and Questions:** |  |
| **Status:** | Passed |

**Test Case: Corrolator-test-008**

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| --- | --- |
| **Purpose:** | Verify correlation of Commodity Code to Occupation Code |
| **Prereq:** | Corrolator-test-004, Corrolator-test-006 |
| **Test Data:** | None |
| **Steps:** | 1. Select Commodity Code drop-down 2. Select Jojoba 3. Select Occupation Code drop-down 4. Select 47-000 (Construction and Extraction Occupations) 5. Navigate to Missouri 6. Verify that the totals are:    1. 0 Acres Harvested    2. 93,830 Total Employees working in Construction and Extraction Occupations 7. Verify that the colors on the map align to the legend |
| **Notes and Questions:** |  |
| **Status:** | Passed |

**Test Case: Corrolator-test-009**

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| --- | --- |
| **Purpose:** | Verify correlation of Commodity Code to Occupation Code |
| **Prereq:** | Corrolator-test-004, Corrolator-test-006 |
| **Test Data:** | None |
| **Steps:** | 1. Select Commodity Code drop-down 2. Select Emmer and Spelt 3. Select Occupation Code drop-down 4. Select 00-000 (All Occupations) 5. Navigate to Kentucky 6. Verify that the totals are:    1. 122 Acres Harvested    2. 1,782,820 Total Employees 7. Verify that the colors on the map align to the legend |
| **Notes and Questions:** |  |
| **Status:** | Passed |

**Test Cases for Backlog**

**Test Case: Corrolator-test-005**

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| --- | --- |
| **Purpose:** | Ag dropdown determines correct value for state |
| **Prereq:** | None |
| **Test Data:** | None |
| **Steps:** | 1. Select Commodity Code drop-down 2. Select Flaxseed 3. Navigate to Minnesota 4. Verify that the totals are:    1. 4,000 Acres Harvested (likely a dupe of 2,000 – there is a revised forecast entry)    2. 4,000 Acres Planted (likely a dupe of 2,000 – there is a revised forecast entry)    3. $ 11.60 / bushel    4. $ 557,000 in flaxseed production    5. 48,000 bushels produced    6. 24 bushels /acre produced    7. 613,036.60 overall (note – this is a bogus value – see note below) |
| **Notes and Questions:** | What number should this app pick up – the data set contains values which cannot be summed (at least with any meaning) across attributes? |
| **Status:** | Functionality deferred to backlog for future sprint |