**Sprint 1 Test Cases**

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

|  |  |
| --- | --- |
| **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** | Complete |

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

|  |  |
| --- | --- |
| **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:** | Started; Not Testable |

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

|  |  |
| --- | --- |
| **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:** | Started; Not Testable |

**Sprint 2 Test Cases**

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

|  |  |
| --- | --- |
| **Purpose:** | Ag dropdown is correct |
| **Prereq:** | None |
| **Test Data:** | None |
| **Steps:** | 1. Select Commodity Code drop-down 2. Verify that it contains 54 entries 3. Verify that it contains the following:    1. Alcohol Coproducts    2. Amaranth    3. Camelina    4. Crambe    5. Guar    6. Millet    7. Triticale    8. Wild Rice |
| **Notes and Questions:** |  |
| **Status:** | Not yet started |

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

|  |  |
| --- | --- |
| **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:** | Not yet started |

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

|  |  |
| --- | --- |
| **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. 4,000 Acres Harvested (note – this is likely a dupe of 2,000 – there is a revised forecast entry. Not particularly relevant though for our purposes)    2. 3,530 Total Employees working in Farming, Fishing and Forestry Occupations 7. Verify that map shows purple or a little bit more reddish purple (if red and blue are being used – see note below) |
| **Notes and Questions:** | Need to validate that Acres Produced is what we’re going after.  Need to validate that heat map is using red for acres harvested and blue for total employees |
| **Status:** | Not yet started |

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

|  |  |
| --- | --- |
| **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 47-000 (Construction and Extraction Occupations) 5. Navigate to Minnesota 6. Verify that the totals are:    1. 4,000 Acres Harvested (note – this is likely a dupe of 2,000 – there is a revised forecast entry. Not particularly relevant though for our purposes)    2. 85,170 Total Employees working in Construction and Extraction Occupations 7. Verify that map shows close to all blue (with a tinge of red) |
| **Notes and Questions:** | Need to validate that Acres Produced is what we’re going after.  Need to validate that heat map is using red for acres harvested and blue for total employees |
| **Status:** | Not yet started |

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

|  |  |
| --- | --- |
| **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 00-000 (All Occupations) 5. Navigate to Minnesota 6. Verify that the totals are:    1. 4,000 Acres Harvested (note – this is likely a dupe of 2,000 – there is a revised forecast entry. Not particularly relevant though for our purposes)    2. 2,688,580 Total Employees 7. Verify that map shows all blue |
| **Notes and Questions:** | Need to validate that Acres Produced is what we’re going after.  Need to validate that heat map is using red for acres harvested and blue for total employees |
| **Status:** | Not yet started |

**Test Cases for Backlog**

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

|  |  |
| --- | --- |
| **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 |