**Project:** ShoppingApp

**Report date**: 6/1/2021

Prepared by: John Chau

**Current Status**

ShoppingApp is not ready for release.

**Blocking defects**

|  |  |  |
| --- | --- | --- |
| **Work Item ID** | **Description** | **Status** |
| sample01 | The tests to see if an item is null use the equals() method when they should use the “==” comparator instead. | New |
| Sample02 | Minimum value required for free shipping does not actually give free shipping. | New |
| Sample03 | Invalid (not one of the 50) state values are allowed | New |
| Sample04 | Initial cost of 0 which does not meet the minimum requirement should return error but it does not | New |
| Sample05 | Initial cost that exceeds maximum should return error but it does not | New |
| Sample06 | Next day shipping if the initial cost is over $50 which is the minimum for free standard shipping but it should be $25 | New |
| Sample07 |  | New |

**Significant non-blocking defects**

|  |  |  |
| --- | --- | --- |
| **Work Item ID** | **Description** | **Status** |
|  |  |  |
|  |  |  |
|  |  |  |

(add more rows if needed

**Supporting information**

Add other notes here

**Testing process**

|  |  |  |
| --- | --- | --- |
| Description | Test count | Pass % |
| Boundary testing for first calculate function of TotalCostCalculator class | 10 | 90 |
| Boundary testing for second calculate function of TotalCostCalculator class | 10 | 90 |
| Equivalence portioning testing for second calculate function of TotalCostCalculator class | 12 | 42 |
| Cucumber testing for TotalCostCalculator class | 3 | 66.66 |

**Test coverage**

|  |  |  |
| --- | --- | --- |
| module name | line coverage | branch cov |
| Purchase | 50% |  |
| PurchaseAgent | 48% | 50% |
| PurchaseItem | 58% |  |
| TotalCostCalculator | 94% | 100% |
| TaxCalculator | 93% | 100% |
| Bill | 91% |  |
| ShoppingCart | 100% | 100% |
| ShippingType | 100% |  |