# CST8130 – Data Structures

# Assignment 1 – Test Plan

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## Adding Food types

| Description of Test | Input Values | Output / Result | Pass/Fail |
| --- | --- | --- | --- |
| * 1. Normal input(numerical) | v  1  1  1  1  1  1 | Do you wish to add a fruit(f), vegetable(v) or a preserve(p)?  Enter the code for the item:  Enter the name for the item:  Enter the quantity for the item:  Enter the cost of the item:  Enter the sales price of the item:  Enter the name of the orchard supplier: |  |
| * 1. Normal input (alphabetical + symbols) | 1  V  !  ~ | Do you wish to add a fruit(f), vegetable(v) or a preserve(p)?  Enter the code for the item:  Enter the code for the item: Please enter correct values and try again  Please enter correct values and try again  Enter the code for the item:  Enter the code for the item: Please enter correct values and try again |  |
| * 1. Normal input (alphanumerical) | 1  p  1234  Apple  23  23.2  50.2  31 | Do you wish to add a fruit(f), vegetable(v) or a preserve(p)?p  Enter the code for the item: 1234  Enter the name for the item: apple  Enter the quantity for the item: 23  Enter the cost of the item: 23.2  Enter the sales price of the item: 50.2  Enter the size of the jar in millilitres:31 |  |

## Displaying Inventory

| Description of Test | Input Values | Output / Result | Pass/Fail |
| --- | --- | --- | --- |
| Normal input | 2 | Item: 1 1 1 price: $1 cost: $1 orchard supplier: 1 |  |

## Buying Food Items

| Description of Test | Input Values | Output / Result | Pass/Fail |
| --- | --- | --- | --- |
| Not Implemented | 3 | Enter a valid item code: Please note this function does not work  3  3Enter a valid quantity to buy |  |

## Selling Food Items

| Description of Test | Input Values | Output / Result | Pass/Fail |
| --- | --- | --- | --- |
| Not Implemented | 4 | 2Please note this function does not work  Enter a valid item code: 3  3Enter a valid quantity to sell |  |

## Quitting The Application

| Description of Test | Input Values | Output / Result | Pass/Fail |
| --- | --- | --- | --- |
| Quitting | 5 | --Exiting-- |  |