

**Test Plan <Assignment 2>**  
**Prepared By <Chi Austin Gwan>**

**Feature: Food Item Selection**

Test #	Description	Input	Expected output	Actual output	Status
Test 1	User enters f	f	Enter the code for the item	Enter the code for the item	PASS
Test 2	User enters v	v	Enter the code for the item	Enter the code for the item	PASS
Test 4	User enters p	p	Enter the code for the item	Enter the code for the item	PASS
Test 5	User enter w	w	Invalid entry	Invalid entry	PASS
Test 6	User enter 1	1	Invalid entry	Invalid entry	PASS

**Feature: main menu**

Test#	Description	Input	Expected output	Actual output	Status
Test 1	Enters 1	1	Do you wish to add a fruit(f), vegetable(v), or a preserve(p)	Do you wish to add a fruit(f), vegetable(v), or a preserve(p)	PASS
Test 2	Enters 2	2	Inventory: "Displays all item in inventory"	Inventory: "Displays all item in inventory"	PASS
Test 3	Enters 3	3	Enter valid item code	Enter valid Item code	PASS
Test 4	Enters 4	4	Enter valid item code	Enter valid item code	PASS
Test 5	Enters 5	5	Exiting...	Exiting...	PASS
Test 6	Enters anything other than an	!, 11, k etc	Invalid entry	Invalid entry	PASS

	integer or out of range				
--	-------------------------	--	--	--	--

**Feature: Search for item**

Test#	Description	Input	Expected output	Actual output	Status
Test 1	Prompt the user to enter the code of item to search for	Input a code found in inventory	Displays the item	Displays the item	PASS
Test 2	Prompts the user to enter the code of item to search for	Input a code not found in inventory	Code not found in inventory...	Code not found in inventory	PASS

**Feature: Save to file**

Test#	Description	Input	Expected output	Actual output	Status
Test 1	Prompts user to enter file to save to	Input existing txt file to save data	Saves data to file	Saves data to file	PASS
Test 2	Prompts user to enter file to save to	Enter non existing txt file to save to	Creates file and saves data to file	Creates the file and saves the data to the file	PASS

**Feature: Read from file**

Test#	Description	Input	Expected output	Actual output	Status
Test 1	Prompts user to enter file to read from	Input existing txt file to read from	Reads data from file into inventory except item codes that already exists	Reads data from file into inventory except item codes that already exists	PASS
Test 2	Prompts user to enter file to read from	Enter non existing txt file to read from	File Not Found, ignoring...	File Not Found, ignoring...	PASS

