

# RoboCart Test Cases

## 1) Check if products and grid table loads properly

Select Products

- Milk ( Jaya Stores )
- Bread ( Jaya Stores )
- Egg ( Jaya Stores )
- Onions ( Jaya Stores )
- Coke ( Jaya Stores )
- Chips ( Jaya Stores )
- Shirts ( Marks & Spencer )
- Pants ( Marks & Spencer )
- Jeans ( Marks & Spencer )
- Sweaters ( Marks & Spencer )
- Scarfs ( Marks & Spencer )
- Jackets ( Marks & Spencer )
- Mutton ( Meat & Eat )
- Beef ( Meat & Eat )
- Chicken ( Meat & Eat )
- Fish ( Meat & Eat )
- Prawns ( Meat & Eat )
- Crabs ( Meat & Eat )

Cart:

Total Price:

Total Time (MM:SS):

			Milk	Shirts					
				Bread					
		Egg			Pants				
			Jeans	Onions					
		Chips			Scarfs		Coke		
			Jackets						
						Sweaters			
			Fish	Chicken	Beef	Mutton	Prawns	Crabs	

### Steps:

- Open index.html file in browser.
- Products displayed on the left side
- Grid table displayed on the right side.

## 2) Check if multiple starting points are selected

Select Products

- Milk ( Jaya Stores )
- Bread ( Jaya Stores )
- Egg ( Jaya Stores )
- Onions ( Jaya Stores )
- Coke ( Jaya Stores )
- Chips ( Jaya Stores )
- Shirts ( Marks & Spencer )
- Pants ( Marks & Spencer )
- Jeans ( Marks & Spencer )
- Sweaters ( Marks & Spencer )
- Scarfs ( Marks & Spencer )
- Jackets ( Marks & Spencer )
- Mutton ( Meat & Eat )
- Beef ( Meat & Eat )
- Chicken ( Meat & Eat )
- Fish ( Meat & Eat )
- Prawns ( Meat & Eat )
- Crabs ( Meat & Eat )

Cart:

Total Price:

Total Time (MM:SS):

Enable to start									
				Multiple starting points					

### Steps:

- In database select multiple cells as starting point.
- Product selection is disabled
- 1st starting point colored in green with text as “Enable to start”
- 2nd starting point colored in red with text as “Multiple starting points”

### 3) Check if single starting point is selected on obstacle

**Select Products**

- Milk ( Jaya Stores )
- Bread ( Jaya Stores )
- Egg ( Jaya Stores )
- Onions ( Jaya Stores )
- Coke ( Jaya Stores )
- Chips ( Jaya Stores )
- Shirts ( Marks & Spencer )
- Pants ( Marks & Spencer )
- Jeans ( Marks & Spencer )
- Sweaters ( Marks & Spencer )
- Scarfs ( Marks & Spencer )
- Jackets ( Marks & Spencer )
- Mutton ( Meat & Eat )
- Beef ( Meat & Eat )
- Chicken ( Meat & Eat )
- Fish ( Meat & Eat )
- Prawns ( Meat & Eat )
- Crabs ( Meat & Eat )

**Cart:**

Total Price:

Total Time (MM:SS):

	Enable to start								

#### Steps:

- In database select obstacle as starting point.
- Product selection is disabled
- Starting point colored in grey with text as “Enable to start”

### 4) Check if product location is selected as starting point

**Select Products**

- Milk ( Jaya Stores )
- Bread ( Jaya Stores )
- Egg ( Jaya Stores )
- Onions ( Jaya Stores )
- Coke ( Jaya Stores )
- Chips ( Jaya Stores )
- Shirts ( Marks & Spencer )
- Pants ( Marks & Spencer )
- Jeans ( Marks & Spencer )
- Sweaters ( Marks & Spencer )
- Scarfs ( Marks & Spencer )
- Jackets ( Marks & Spencer )
- Mutton ( Meat & Eat )
- Beef ( Meat & Eat )
- Chicken ( Meat & Eat )
- Fish ( Meat & Eat )
- Prawns ( Meat & Eat )
- Crabs ( Meat & Eat )

**Cart:** Milk, Bread, Egg, Onions, Coke, Chips, Shirts, Pants, Sweaters, Beef, Chicken, Fish, Prawns, Crabs

Total Price: 1292 MYR

Total Time (MM:SS): 00:38

		2) ↓	Milk 1) ←	Shirts 8) →	9) →	10) →	11) ↓		
		6) →	7) →	38) →					
		3) ↓		Bread 37) →			12) ↓		
		5) ↑							
		Egg 4) ↑		34) →	Pants 35) →		13) ↓		
				36) ↑					
			Jeans 32) →	Onions 33) →			14) ↓		
		Chips 30) →	31) ↑		Scarfs		Coke 15) ↓		
		29) ↑	Jackets				16) ↓		
		28) ↑			23) ↓	Sweaters 22) →	17) →	18) ↓	

#### Steps:

- In database select starting point cell as any product location
- Product location cell color changed to green

## 5) Check if products are selected from single store

Select Products

Milk ( Jaya Stores )

Bread ( Jaya Stores )

Egg ( Jaya Stores )

Onions ( Jaya Stores )

Coke ( Jaya Stores )

Chips ( Jaya Stores )

Shirts ( Marks & Spencer )

Pants ( Marks & Spencer )

Jeans ( Marks & Spencer )

Sweaters ( Marks & Spencer )

Scarfs ( Marks & Spencer )

Jackets ( Marks & Spencer )

Mutton ( Meat & Eat )

Beef ( Meat & Eat )

Chicken ( Meat & Eat )

Fish ( Meat & Eat )

Prawns ( Meat & Eat )

Crabs ( Meat & Eat )

Cart: Milk, Bread, Egg

Total Price: 25 MYR

Total Time (MM:SS): 00:14

1) →	2) → 14) ←	3) ↓ 7) → 13) ←	Milk 8) → 12) ←	Shirts 9) ↓ 11) ←					
		4) ↓ 6) ↑		Bread 10) ↑					
		Egg 5) ↑			Pants				
			Jeans	Onions					
		Chips			Scarfs		Coke		
			Jackets						
						Sweaters			

### Steps:

- Select products from single store.
- Check cart items, total price, total time, steps

## 6) Check if products are selected from multiple stores

Select Products

Milk ( Jaya Stores )

Bread ( Jaya Stores )

Egg ( Jaya Stores )

Onions ( Jaya Stores )

Coke ( Jaya Stores )

Chips ( Jaya Stores )

Shirts ( Marks & Spencer )

Pants ( Marks & Spencer )

Jeans ( Marks & Spencer )

Sweaters ( Marks & Spencer )

Scarfs ( Marks & Spencer )

Jackets ( Marks & Spencer )

Mutton ( Meat & Eat )

Beef ( Meat & Eat )

Chicken ( Meat & Eat )

Fish ( Meat & Eat )

Prawns ( Meat & Eat )

Crabs ( Meat & Eat )

Cart: Milk, Bread, Egg, Shirts, Pants, Beef, Chicken

Total Price: 475 MYR

Total Time (MM:SS): 00:30

1) →	2) → 30) ←	3) ↓ 7) → 29) ←	Milk 8) → 28) ←	Shirts 9) ↓ 27) ←					
		4) ↓ 6) ↑		Bread 10) ↓ 26) ↑					
		Egg 5) ↑		11) ↓ 23) → 25) ↑	Pants 24) ←				
			Jeans	Onions 12) ↓ 22) ↑					
		Chips		13) ↓ 21) ↑	Scarfs		Coke		
			Jackets	14) ↓ 20) ↑					

### Steps:

- Select products from multiple stores.
- Check cart items, total price, total time, steps