**NutriTrack Test Cases**

Test 1 – Valid Data Entry Test:

* User input a banana with a portion size of 100 and calorie intake of 90 which was successful.

Test 2 – Empty Food Name:

* User inputs no food name, a portion size of 100, and a calorie intake of 200 which displays the error “Food name error!”

Test 3 – Non-Numeric Entry:

* User inputs an apple, abc as the portion size, and 80 as the calorie intake which displays the error “Portion size must be a positive number.”
* User inputs an apple, with a portion size of 100, and a calorie intake of 0 which displays the error “Calories must be a positive number.”

Test 4 – Low Calorie Recommendation:

* User inputs a meal with a portion size of 500 and a calorie intake of 1200 which displays “You are consuming less calories than recommended, Consider adding more proteins.”

Test 5 – Healthy Calory Recommendation:

* User enters a meal with a portion size of 600 and a calorie intake of 1800 which displays “You’re within a healthy calorie range. Continue maintaining a balanced and healthy diet.”

Test 6 – High Calorie Recommendation:

* User enters a meal with a portion size of 1200 and a calorie intake of 3200 which displays “You’re consuming more calories than recommended. Consider cutting back, or reducing processed foods.”