

Title: CalCounter

Vision: We provide a stylish, stress-free, minimal Vision: istic, easy, and fast calorie calculator for all customers

Team Members: Ming Qi Liew

Rajath Bhat

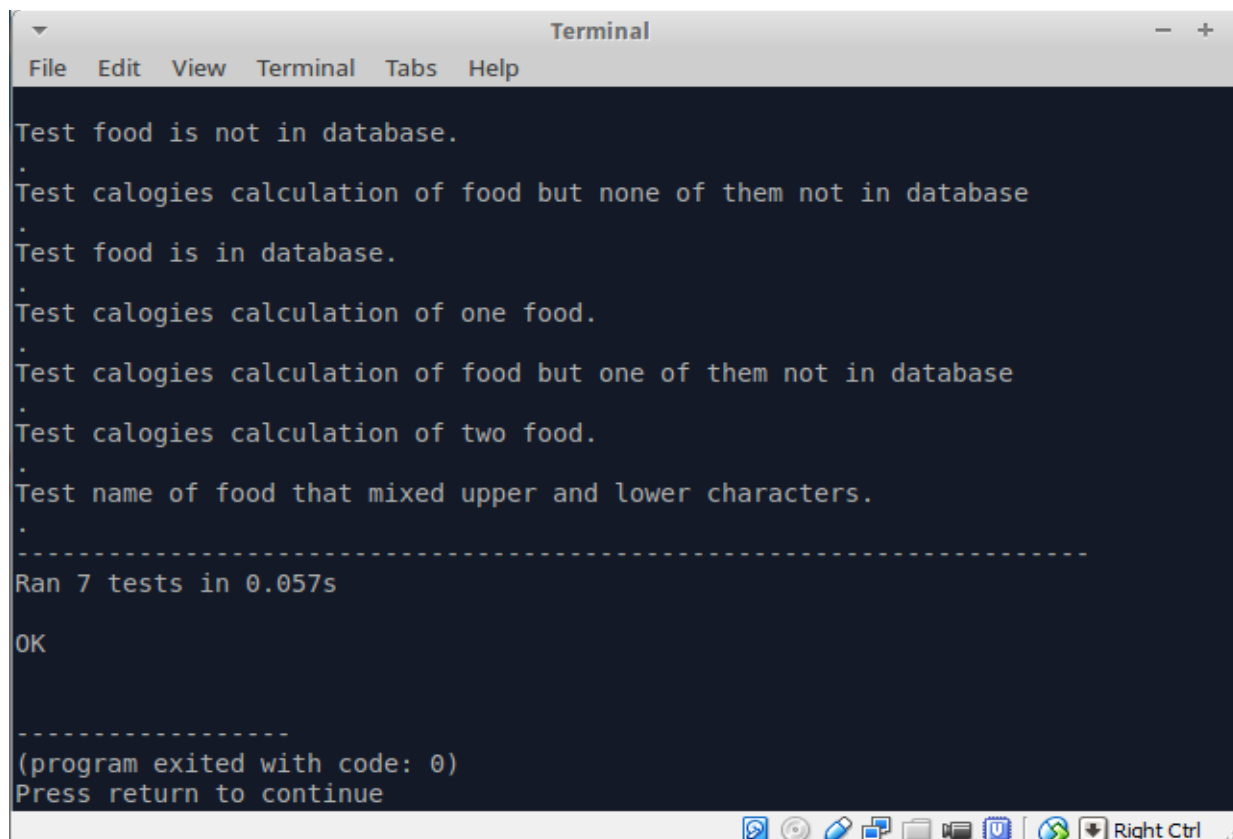
Phu Dang

Jie He

Zhi Li

Automated Tests:

- ❖ Link: https://github.com/phugiadang/Project_CSCI_3308/tree/phu
- ❖ Actually we have discussed the idea of automated tests and design to use some unit tests for our project. One main part of our project is calories calculation. We have wrote 7 cases to test our calculation part. The team of this part included Zhi Li, and Phu Dang. First of all, we picked python as our language for this part. We use unittest feature that already defined in python to write the unit test cases (test.py). calculation.py is a main file that our calories calculation happens. We wrote 7 test cases so far. The first test case is checking if we can find food in the database. The second test case is checking for food not in the database, the third test case is checking if we can find the food name that mixed upper and lower characters. The 4th and 5th test cases are the calories calculation of food database, such as egg. The 6th and 7th test cases are calories calculation of food but one or none of them not in the database. Zhi Li worked to the test cases, and Phu wrote code of calculate calories.
- ❖ The screenshot of the output showing the final results of the automated test cases running:



```
Terminal
File Edit View Terminal Tabs Help

Test food is not in database.
.
Test calogies calculation of food but none of them not in database
.
Test food is in database.
.
Test calogies calculation of one food.
.
Test calogies calculation of food but one of them not in database
.
Test calogies calculation of two food.
.
Test name of food that mixed upper and lower characters.
.
-----
Ran 7 tests in 0.057s

OK

-----
(program exited with code: 0)
Press return to continue
```

User Acceptance Tests:

Link: https://github.com/phugiadang/Project_CSCI_3308/tree/mql

Project Name: CalCounter						
Test Case						
Test Case ID: 00					Test Designed by: Ming Liew	
Test Priority: High					Test Designed date: March 28 th	
Module Name: Calcounter login page redirection					Test Executed by: Rajath Bhat	
Test Title: Verify redirection from Homepage to Login page					Test Execution date: March 30 th	
Description: Verify CalCounter Login Page able to link to homepage						
Precondition: User able to access CalCounter Homepage						
Dependencies:						
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail)	Notes
1	User able opens homepage		User can view the login page after user clicks the login button	User can view the login page after user clicks the login button	Pass	
2	User clicks on the "login" button from the homepage					
3	User able to be redirected to the login page					
Postcondition: User able to input password, username						

Project Name: CalCounter						
Test Case						
Test Case ID:01					Test Designed by: Ming Liew	
Test Priority: High					Test Designed date: March 28 th	
Module Name: Calcounter Sign-up page redirection					Test Executed by: Rajath Bhat	
Test Title: Verify redirection from Homepage to Sign-up page					Test Execution date: March 30 th	
Description: Verify CalCounter Sign-up Page able to link to homepage						
Precondition: User able to access CalCounter Homepage						
Dependencies:						
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail)	Notes
1	User able open homepage		User can able to Sign-up page after user clicks the Sign-up page	User can able to Sign-up page after user clicks the Sign-up page	Pass	
2	User click on the “Sign-up” button from the homepage					
3	User able to be redirected to the Sign-up page					
Postcondition: User able to input username, password, confirm password, email address, security answer, security question						

Project Name: CalCounter	
Test Case	
Test Case ID: 02	Test Designed by: Ming Liew
Test Priority: High	Test Designed date: April 1 st
Module Name: Calcounter Login Access	Test Executed by: Jie He
Test Title: Login Access Verification	Test Execution date: April 2 nd
Description: Testing the validity of Username, Password and Email	

Precondition: User has valid password and username. User is already in the login page.						
Dependencies:						
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail)	Notes
1	User able to input "username"	"Username": Superman	User can view the login page after user clicks the login button	User able to be navigated to main_page (main_page after user login).	Fail	
2	User able to provide valid "password"	"Password": 4321				
3	Submit query, Click on the "submit query" button	"Username": ultraman "Password": 0000				
Postcondition: User is validated with database and successfully login to account.						

Project Name: CalCounter						
Test Case						
Test Case ID:03					Test Designed by: Ming Liew	
Test Priority: High					Test Designed date: April 1st	
Module Name: Calcounter database insertion					Test Executed by: Jie He	
Test Title: User Sign-up Verification					Test Execution date: April 2nd	
Description: Testing User's information able to be store in database						
Precondition: User able to access Sign-up page						
Dependencies: User is already in the Sign-up page						
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail)	Notes
1	Input "username"	"Username" : superman, "Password" : 1234 "Confirm Password":	Account created	Account created	Pass	

		1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog				
2	Input "password"	"Username": batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g "Security Question": pet "Security Answer": bat				
3	Input "confirm password"	"Username" : ultraman, "Password" : 0000 "Confirm Password": 0000 "Emailaddress": ultraman "Security Question": pet "Security Answer": laser				
4	Input "security question 1"	"Username" : superman, "Password" : 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog				
5	Input "security question 3"	"Username": batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g "Security Question": pet "Security Answer": bat				

6	Click "Sign up"					
Postcondition: User able to go to the login page and user is validated with database and successful login to account						

Project Name: CalCounter						
Test Case						
Test Case ID:04					Test Designed by: Ming Liew	
Test Priority: High					Test Designed date: April 1st	
Module Name: Food calculation from unregistered user's input					Test Executed by: Jie He	
Test Title: Checking food calculation					Test Execution date: April 2nd	
Description: Calculate the calories from the unregistered user's input						
Precondition: User accesses to home page and have valid food and quantity						
Dependencies:						
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail)	Notes
1	User accesses to main page.	food: "chicken" quantity: 1	107	None	Fail	We need to write code to get input from user.
2	User inputs the name of food and quantity					
3						
4						
Postcondition: User able to see total calories						