Title: CalCounter

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

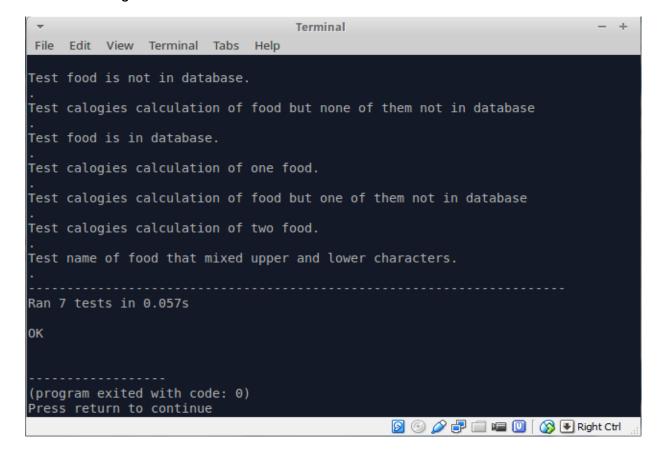
for all customers

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:



## **User Acceptance Tests:**

Link: https://github.com/phugiadang/Project\_CSCI\_3308/tree/mql

Project N	lame: CalCounter					
			Test Case			
Test Cas	se ID:00				Test Designe Ming Liew	∍d by:
Test Pric	<b>ority:</b> High				Test Designe March 28 <sup>th</sup>	ed date:
Module	Name: Calcounter login page redir	ection			Test Execute Rajath Bhat	ed by:
Test Titl	e: Verify redirection from Homepa	ge to Login pa	age		Test Execution March 30th	on date:
Descript	ion: Verify CalCounter Login Page	e able to link t	o homepage			
Precond	ition: User able to access CalCou	unter Homepa	age			
Depende	encies:					
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pas s/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					
Postcon	dition: User able to input passwo	rd, username	?			

rioje	ct Name: CalCour	nter				
			Test Case			
Test (	Case ID:01				Test Designed by: Liew	Ming
Test F	<b>Priority</b> : High				Test Designed dat March 28 <sup>th</sup>	e:
Modu	le Name: Calcour	nter Sign-up page redi	rection		Test Executed by: Bhat	Rajath
Test 1	Fitle: Verify redire	ction from Homepage	to Sign-up page		Test Execution da	te:
Descr	iption: Verify Cal	Counter Sign-up Page	e able to link to homepage			
		e to access Ca <b>l</b> Count	ter Homepage			
Danai	ndencies:					
Depei	idelicies.					
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/Fail)	Note
		Test Data	User can able to Sign-up page after user clicks the	Actual Result  User can able to Sign-up page after user clicks the Sign-up page	Status(Pass/Fail) Pass	Note s
	Test Steps User able open	Test Data	User can able to Sign-up page after	User can able to Sign-up page after user clicks		

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

Precon	dition: User has valid pa	assword and username.	User is already in the login pa	ge.		
Depend	dencies:					
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/ Fail)	No tes
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				

Project	Name: CalCounter					
			Test Case			
Test Ca	se ID:03				Test Designe	d by:
					Ming Liew	
Test Pri	i <b>ority</b> : High				Test Designe	d date:
ı					April 1st	
Module	Name: Calcounter datal	oase insertion			Test Executed	d by:
					Jie He	
Test Tit	le: User Sign-up Verifica	tion			Test Execution	n
					date: April 2n	d
Descrip	tion: Testing User's info	rmation ab <b>l</b> e to be store ir	n database			
Precond	dition: User able to acce	ess Sign-up page				
Depend	lencies: User is already	in the Sign-up page				
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pass/	Note
					Fail)	s
1	Input "username"	"Username" :	Account created	Account created	Pass	
		superman,				
		"Password" :				
		1234				
		"Confirm Password":				

Postcondition: User is validated with database and successfully login to account.

1234   Emaileddress": superman   Security Question": pet   Security Answer": dog					 
Security Question*: pet					
Security Question*: pet			"Emailaddress":		
"Security Question": pet 'Security Answer": dog  Imput "password"  'Username": batman 'Password": 4321 'Emailaddress": batman@g 'Security Question": pet 'Security Answer": bat  Input "confirm password"  'Username": utraman 'Password": 0000  'Emailaddress": utraman 'Password": 0000  'Emailaddress": utraman 'Security Question": pet 'Security Answer": baser  Input "security question 1"  'Username": superman, 'Password": 1234 'Confirm Password": 1234 'Confirm Password": 1234 'Confirm Password": 1234 'Confirm Password": 1244 'Confirm Password": 1256 'Security Question": pet 'Security Question': pet 'Security Question': pet 'Security Question': pet 'Security Answer': dog  Input "security question 3" 'Username': batman 'Security Question': pet 'Security Answer': dog  Input "security question 3" 'Username': batman 'Password': 4321 'Confirm Password': 4321 'Confirm Pa					
pet "Security Answer": dog					
Security Answer*:					
Input "password"   Username":   batman   Password":   4321   'Confirm Password":   4321   Emailaddress":   batman@g   'Security Question":   pet   'Security Answer":   bat   'Password":   pet   'Security Answer":   bat   'Password":   pet   'Security Answer":   bat   'Password":   pet   'Security Answer":   assaword"   Username":   ultraman   'Security Question":   pet   'Security Answer":   assar   'Security Answer':   assar   'Security Answer'					
Input "password"   "Username":   batman			-		
batman Password*: 4321 Confirm Password*: 4321 Emailaddress*: batman@g Psecurity Question*: pet "Security Answer*: bat  assword*  password*:  0000 Emailaddress*: ultraman, Password*: 0000 Emailaddress*: ultraman "Security Question*: pet "Security Answer*: laser  4 Input "security question 1* Username*: superman Password*: 1234 Confirm Password*: 1234 Tonfirm Password*: 124 Emailaddress*: superman Security Question*: pet Security Answer*: dog  5 Input "security question 3" Username*: batman Password*: 4321 Tonfirm Password*: 4321			aog		
batman Password*: 4321 'Confirm Password*: 4321 'Emalkaddress*: batman@g 'Security Question*: pet 'Security Answer*: bat  3 Input "confirm password" ultraman, Password*: 0000 'Emalkaddress*: ultraman 'Security Question*: pet 'Security Answer*: laser 4 Input "security question 1" Password*: 1234 'Confirm Password*: 1234 'Confirm Password*: 1234 'Confirm Password*: 1234 'Emalkaddress*: superman 'Security Question*: pet superman 'Security Question*: pet 'Security Answer*: dog  5 Input "security question 3" Username*: batman 'Password*: 4321 'Confirm Password*: 4321 'C		<u> </u>		 	
"Password":   4321	2	Input "password"	"Username":		
A321   "Confirm Password":   A321   "Emailaddress":   batman@g   "Security Question":   pet   "Security Answer":   bat   ultraman.   "Password":   0000   "Confirm Password":   0000   "Emailaddress":   ultraman   "Security Question":   pet   "Security Question":   pet   "Security Answer":   laser   laser   ultraman   "Security Answer":   laser   "Security Answer":   laser   1234   "Confirm Password":   1234   "Emailaddress":   superman   "Security Question":   pet   "Security Answer":   dog			batman		
A321   "Confirm Password":   A321   "Emailaddress":   batman@g   "Security Question":   pet   "Security Answer":   bat   ultraman.   "Password":   0000   "Confirm Password":   0000   "Emailaddress":   ultraman   "Security Question":   pet   "Security Question":   pet   "Security Answer":   laser   laser   ultraman   "Security Answer":   laser   "Security Answer":   laser   1234   "Confirm Password":   1234   "Emailaddress":   superman   "Security Question":   pet   "Security Answer":   dog			"Password":		
"Confirm Password": 4321 "Emailaddress": balman@g "Security Question": pet 'Security Answer": bat  3					
### ### ##############################					
Emailaddress": batman@g "Security Question": pet "Security Answer": bat  Input "confirm password"  Username": utraman, Password": 0000 "Confirm Password": 0000 "Emailaddress": utraman "Security Question": pet "Security Answer": laser  Input "security question 1"  Username": superman, Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  Input "security Input "security Question": pet "Security Answer": dog  Input "security Input "security Question": pet "Security Answer": dog  Input "security Input "securi					
balman@g  Security Question": pet  "Security Answer": bat  3					
"Security Question": pet "Security Answer": bat  3					
pet "Security Answer": bat   3					
"Security Answer": bat  all input "confirm					
"Security Answer": bat  all input "confirm			pet		
Sample   S					
Input "confirm password" ultraman, "Password": 0000 "Confirm Password": 0000 "Emailaddress": ultraman "Security Question": pet "Security Answer": laser  Input "security question 1" "Username": 1234 "Confirm Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  Input "security question 3" "Username": batman "Password": 4321 "Confirm Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
password"  ultraman,	3	Input "confirm			
"Password": 0000 "Confirm Password": 0000 "Emailaddress": ultraman "Security Question": pet "Security Answer": laser  4	<b>[</b>				
0000 "Confirm Password": 0000 "Emailaddress": ultraman "Security Question": pet "Security Answer": laser  4		passworu			
"Confirm Password": 0000 "Emailaddress": ultraman "Security Question": pet "Security Answer": laser  Input "security question 1" "Username": superman, "Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  Input "security question 3" Username": batman "Password": 4321 "Confirm Password": 4321 "Confirm Password": 4321 "Confirm Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
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"Security Question": pet "Security Answer": laser  4 Input "security "Username": superman, "Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  5 Input "security "Username": batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
pet "Security Answer":  aser  4					
"Security Answer": laser  Input "security "Username": superman, "Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  Input "security question 3"  Username": batman "Password": 4321 "Confirm Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
Input "security "Username": question 1" superman, "Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  Input "security question 3" Username": batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g			17		
Input "security question 1" "Username": superman, "Password": 1234 "Confirm Password": 1234 "Emailaddress": superman "Security Question": pet "Security Answer": dog  Input "security question 3" "Username": batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
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"Security Question": pet "Security Answer": dog  Input "security question 3"  Username": batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
pet "Security Answer": dog  5 Input "security question 3" "Username": password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
"Security Answer": dog  Input "security question 3"  batman  "Password": 4321  "Confirm Password": 4321  "Emailaddress": batman@g					
dog  Input "security "Username": question 3" batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
dog  Input "security "Username": question 3" batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g			"Security Answer":		
5 Input "security "Username": question 3" batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g					
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question 3" batman "Password": 4321 "Confirm Password": 4321 "Emailaddress": batman@g	5	Input "security	"I Isername"·		
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"Emailaddress":    batman@g			"Confirm Password":		
"Emailaddress":    batman@g			4321		
<u>batman@</u> g					
			"Security Question":		
pet			I.		
"Security Answer":			"Security Answer":		
bat			bat		

6	Click "Sign up"					
Postcondit	ion: User able to go to t	he login page and user i	s validated with database	and successful logi	n to account	

		Test Cas	е			
Test Cas	e ID:04				Test Desig	jned
					by: Ming L	.iew
Test Prio	rity: High				Test Desig	ıned
					date: April	1st
Module N	lame: Food calculation from unregistered	l user's input			Test Execu	uted
					by: Jie He	
Test Title	e: Checking food calculation				Test Execu	ution
					date: April	2nd
<b>Descripti</b>	on: Calculate the calories from the unreg	istered user's inp	out			
	-					
Precondi	tion: User accesses to home page and h	nave valid food a	nd quantity		•	
Depende	ncies:					
Step	Test Steps	Test Data	Expected Result	Actual Result	Status(Pa ss/Fail)	Note s
	Test Steps User accesses to main page.	Test Data	Expected Result	Actual Result None		
-	-		·		ss/Fail)	<b>s</b> We
_	-	food:	·		ss/Fail)	s
	-	food: "chicken"	·		ss/Fail)	s We need
-	-	food: "chicken"	·		ss/Fail)	s We need to write
	-	food: "chicken"	·		ss/Fail)	We need to write code to
	-	food: "chicken"	·		ss/Fail)	write code to get
-	-	food: "chicken"	·		ss/Fail)	write code to get input
	-	food: "chicken"	·		ss/Fail)	we need to write code to get input from
1	User accesses to main page.	food: "chicken"	·		ss/Fail)	we need to write code to get input
Ī	User accesses to main page.  User inputs the name of food and	food: "chicken"	·		ss/Fail)	we need to write code to get input from
2	User accesses to main page.	food: "chicken"	·		ss/Fail)	we need to write code to get input from
Step 1 2 3 4	User accesses to main page.  User inputs the name of food and	food: "chicken"	·		ss/Fail)	we need to write code to get input from