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# **Test Cases**

**for**

# **VIFitness**

**Version 1.0 approved**

**Prepared by**

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# 1. Login

Test Case ID		001		Test Case Priority		High
Test Case Description		This test case validates the functionality of login feature in VIFitness web application.				
Prerequisite		1. Access to the VIFitness web application.  2. Valid user credentials (username/email and password) for testing the login functionality.		Postrequisite		1. The user clicks on the “LOGIN” button.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1.	Open the VIFitness web application in a web browser.	N/A	Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 1:59 PM] : Launch Successful
2.	Navigate to the login page by clicking on the “Login” button.	N/A	Navigate to Login Page	Navigate to Login Page	Pass	[Lim Jing Jie 10/11/2023 1:59 PM] : Launch Successful
3.	Enter valid login credentials(username/email and password).	Email: <a href="mailto:lebron13145@gmail.com">lebron13145@gmail.com</a> Password: 123456	Navigate to Dashboard page	Navigate to Dashboard page	Pass	[Lim Jing Jie 10/11/2023 2:00 PM] : Log In Successful
Test Case Status		Success				

Test Case ID		002		Test Case Priority		High
Test Case Description		This test case validates the functionality of login feature in VIFitness web application when key in invalid credentials.				
Prerequisite		1. Access to the VIFitness web application.  2. Invalid user credentials (username/email and password) for testing the login functionality.		Postrequisite		1. The user clicks on the “LOGIN” button.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1.	Open the VIFitness web application in a web browser.	N/A	Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 1:59 PM] : Launch Successful
2.	Navigate to the login page by clicking on the “Login” button.	N/A	Navigate to Login Page	Navigate to Login Page	Pass	[Lim Jing Jie 10/11/2023 1:59 PM] : Launch Successful
3.	Enter invalid login credentials( username/e mail and password).	Email: <a href="mailto:lebron13145@gmail.com">lebron13145@gmail.com</a> Password: 222333	Error message	Error message “Invalid credentials” is seen on top center of the page.	Pass	[Lim Jing Jie 10/11/2023 2:00 PM] : Login unsuccessful. “Invalid credentials” message is prompt.
Test Case Status		Successful				

## 2. Register

Test Case ID		003		Test Case Priority		High
Test Case Description		This test case verifies the functionality of the user registration process in the VIFitness web application.				
Prerequisite		1. Access to the VIFitness web application. 2. A compatible web browser. 3. Stable internet connection. 4. The user must register with a Gmail email address.		Postrequisite		1. User receives a confirmation email.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 2:13 PM] : Launch Successful
2	Navigate to Registration page	Press Register button	Registration page	Registration page	Pass	[Lim Jing Jie 10/11/2023 2:13 PM] : Navigate to Registration Page Successful
3	Enter valid information in the registration form fields including: Username, Email, Password, Age, Weight and Height.	Valid Email Address, Valid FirstName, Valid LastName, Valid Password, Valid Confirm Password	Email verification pop out	Email verification pop out	Pass	[Lim Jing Jie 10/11/2023 2:13 PM] : Email verification pop out successful
4.	Enter correct verification code to verify email.	Press “Request code” button	Redirect to Login Page With a prompt message saying “Registration Sucessful”	Redirect to Login Page With a prompt message saying “Registration Sucessful”	Pass	[Lim Jing Jie 10/11/2023 2:13 PM] : Email verification successful

Test Case Status	Success
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Test Case ID		004		Test Case Priority		Medium
Test Case Description		This test case verifies the behavior of the registration process when users attempt to register with invalid input data.				
Prerequisite		1. Access to the VIFitness web application. 2. A compatible web browser. 3. Stable internet connection. 4. The user registers with an invalid email address.		Postrequisite		N/A
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2022 2:24 PM] : Launch Successful
2	Navigate to Registration page	Press Register button	Registration page	Registration page	Pass	[Lim Jing Jie 10/11/2022 2:24 PM] : Navigate to Registration Page Successful
3	Enter valid information in the registration form fields including: Username, Email, Password, Age, Weight and Height.	Valid Email Address, Valid FirstName, Valid LastName, Valid Password, Valid Confirm Password	Email verification pop out	Email verification pop out	Pass	[Lim Jing Jie 10/11/2022 2:13 PM] : Email verification pop out successful
3	Invalid FirstName	Invalid FirstName: ""	Error Email Message	Error Email Message	Pass	[Sim Oi Liang 5/11/2022 3:22 PM] : Error message "Empty First Name! Please input First Name" appear
3	Invalid LastName	Invalid LastName: ""	Error Email Message	Error Email Message	Pass	[Sim Oi Liang 5/11/2022 3:22 PM] : Error message "Empty Last Name! Please input LastName" appear
3	Invalid Password	Invalid Password: "123"	Error Email Message	Error Email Message	Pass	[Sim Oi Liang 5/11/2022 3:23 PM] : Error message "Password has to be at least 8 letters." appear

3	Invalid Confirm Password	Invalid Password: "321"	Error Email Message	Error Email Message	Pass	[Sim Oi Liang 5/11/2022 3:23 PM] : Error Message "Password mismatch" appears.
<b>Test Case Status</b>		Success				

### 3. Google OAuth

Test Case ID		005		Test Case Priority		Medium
Test Case Description		This test case ensures that the Google OAuth functionality functions correctly, allowing users to securely authenticate and log in using their Google accounts.				
Prerequisite		1. Active internet connection  2. A valid Google account for testing.		Postrequisite		1. The user is successfully authenticated and logged into VIFitness using Google OAuth.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 3:31 PM] : Launch Successful
2	Navigate to Login page	Press Login button	Login page	Login page	Pass	[Lim Jing Jie 10/11/2023 3:32 PM] : Navigate to Login Page Successful
3	Navigate to Google pop up page.	Press Login with Google button	Google pop up Page	Google pop up Page	Pass	[Lim Jing Jie 10/11/2023 3:33 PM] : Google pop up Successful
4	Navigate to Dashboard page	Valid Gmail and Gmail password	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 3:34 PM] : Login Successful
Test Case Status		Success				



## 4. Strava OAuth

Test Case ID		006		Test Case Priority		Medium
Test Case Description		This test case verifies the functionality of Strava OAuth integration in our application.				
Prerequisite		1. Access to VIFitness web application. 2. A Strava account for testing. 3. Stable internet connection.		Postrequisite		1. The user's strava account is successfully linked to the application.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 3:31 PM] : Launch Successful
2	Navigate to Login page	Press Login button	Login page	Login page	Pass	[Lim Jing Jie 10/11/2023 3:32 PM] : Navigate to Login Page Successful
3	Navigate to Strava official page.	Press Login with Strava button	Strava official Page	Strava official Page	Pass	[Lim Jing Jie 10/11/2023 3:33 PM] : Strava official Page Successful
4	Navigate to Dashboard page	Login Strava account successfully	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 3:34 PM] : Login Successful
Test Case Status		Success				

## 5. Forgot Password

Test Case ID		007		Test Case Priority		Medium
Test Case Description		This test case verifies the functionality of the “Forgot Password” feature in Login Page.				
Prerequisite		1. Access to VIFitness web application. 2. User forgets his or her password.		Postrequisite		1. User’s password is successfully reset, and they can log in using the new password.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 4:27 PM] : Launch Successful
2	Navigate to Login page	Press Login button	Login page	Login page	Pass	[Lim Jing Jie 10/11/2023 4:28 PM] : Navigate to Login Page Successful
3	Navigate to Forgot Password page.	Press “Forgot Password?” button	Forgot Password Page	Forgot Password Page	Pass	[Lim Jing Jie 10/11/2023 4:29 PM] : Navigate to Forgot Password Page Successful
4	Navigate to Reset Link page	Valid existing email address and press search button	Reset Link page	Reset Link page	Pass	[Lim Jing Jie 10/11/2023 4:30 PM] : Navigate to Reset Link Page

						Successful
5	Change to the new password	Click the reset link from email.  Enter new password  Confirm new password	Redirect to Login Page	Redirect to Login Page	Pass	[Lim Jing Jie 10/11/2023 4:30 PM] : Navigate to Login Page Successful
6	Enter email and new password	Email: <a href="mailto:lebron13145@gmail.com">lebron13145@gmail.com</a> Password: newpassword	Navigate to Dashboard page	Navigate to Dashboard page	Pass	[Lim Jing Jie 10/11/2023 4:31 PM] : Log In Successful
Test Case Status		Success				

## 6. Query Meal Nutrition

Test Case ID		008		Test Case Priority		High
Test Case Description		This test case evaluates the functionality of the “Query Meal Nutrition” feature in the app. This feature allows users to retrieve detailed nutritional information for a specific meal entered.				
Prerequisite		1. User is logged into the VIFitness app.  2. The app is connected to the Nutritionix API.		Postrequisite		1. The app displays accurate and detailed nutritional information for the queried meal.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 9:17 PM] : Launch Successful
2	Navigate to Dashboard page	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 9:18 PM] : Login Successful
3	Navigate to Macro Tracker page	Press Macro Tracker button on the side bar	Macro Tracker page	Macro Tracker page	Pass	[Lim Jing Jie 10/11/2023 9:19 PM] : Navigate to Macro Tracker Page Successful
4	Navigate to Nutritionix Database query section.	Press on Query button	Nutritionix Database query section.	Nutritionix Database query section.	Pass	[Lim Jing Jie 10/11/2023 9:20 PM] : Nutritionix Database query section loaded Successful
5	Initiate query	Input egg	Queried Food section and Summary of	Queried Food section and Summary of	Pass	[Lim Jing Jie 10/11/2023 9:21 PM] : Queried

		Press Submit button	the food nutrition: Total Calories, Total Protein, Total Carbs, Total Fats  Note:  From Nutritionix API, egg's  Total Calories: 71.5 Cal  Total Protein: 6.28g  Total Carbs: 0.36g  Total Fats: 4.76g	the food nutrition: Total Calories, Total Protein, Total Carbs, Total Fats showing the exact data from Nutritionix API.		food information shows up successfully
Test Case Status		Success				

## 7. Record Meal Nutrition

Test Case ID	009	Test Case Priority	High
Test Case Description	This test case ensures the users can record the nutrition details of a meal.		
Prerequisite	1. User is logged into the VIFitness app.  2. The app is connected to the Nutritionix API.	Postrequisite	1. The recorded meal nutrition

						<p>details are saved and associated with the correct user's profile.</p> <p>2. The recorded meal is reflected in the user's nutritional summary.</p>
<b>Test Execution Steps</b>						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 9:29 PM] : Launch Successful
2	Navigate to Dashboard page	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 9:30 PM] : Login Successful
3	Navigate to Macro Tracker page	Press Macro Tracker button on the side bar	Macro Tracker page	Macro Tracker page	Pass	[Lim Jing Jie 10/11/2023 9:31 PM] : Navigate to Macro Tracker Page Successful
4	Navigate to Nutritionix Database query section.	Press on Query button	Nutritionix Database query section.	Nutritionix Database query section.	Pass	[Lim Jing Jie 10/11/2023 9:32 PM] : Nutritionix Database query section loaded Successful
5	Initiate query	Input chicken breast  Press Submit button	Queried Food section and Summary of the food nutrition: Total Calories, Total Protein, Total Carbs, Total Fats  Note:	Queried Food section and Summary of the food nutrition: Total Calories, Total Protein, Total Carbs, Total Fats showing the exact data from Nutritionix API.	Pass	[Lim Jing Jie 10/11/2023 9:33 PM] : Queried food information shows up successfully

			<p>From Nutritionix API, chicken breast's</p> <p>Total Calories: 198 Cal</p> <p>Total Protein: 37.22g</p> <p>Total Carbs: 0g</p> <p>Total Fats: 4.28g</p>			
6	Add the food item	Press on Add to Meal button	Add to Today's Meal pop up	Add to Today's Meal pop up	Pass	[Lim Jing Jie 10/11/2023 9:34 PM] : Add to Today's Meal pop up Successful
7	Record nutrition details	<p>Select Breakfast</p> <p>Press Confirm button</p>	Meal added message prompted	Meal added message prompted	Pass	[Lim Jing Jie 10/11/2023 9:34 PM] : Meal added message prompt Successful
8	Verify saved meal in My Meals	Press on My Meals button	The saved chicken breast data is reflected in a table format.	The saved chicken breast data is reflected in a table format.	Pass	[Lim Jing Jie 10/11/2023 9:34 PM] : Data table is correct
<b>Test Case Status</b>		Success				

## 8. Mark Exercise as Completed

Test Case ID		010		Test Case Priority		High
Test Case Description		This test case validates the functionality of marking an exercise as completed in the app. This feature will allow users to indicate that they have finished a specific exercise.				
Prerequisite		1. User is logged into the account.  2. User has existing workout plan.		Postrequisite		1. The exercise completion status is reflected on the Calendar.  2. Relevant statistics of the completed exercise is reflected in the Dashboard page.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 9:46 PM] : Launch Successful
2	Navigate to Dashboard page	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 9:47 PM] : Login Successful
3	Navigate to Calendar page	Press Calendar button on the side bar	Calendar page	Calendar page	Pass	[Lim Jing Jie 10/11/2023 9:48 PM] : Navigate to Calendar Page Successful
4	Select the exercise that I have completed	Click on the exercise “Clam” that I have	Exercise event modal pop up	Exercise event modal pop up	Pass	[Lim Jing Jie 10/11/2023 9:32 PM] : Exercise event modal pop up successful



		completed on 10/11/2023				
5	Mark the exercise completed	Click on the "Mark as completed" button	<p>The message "Exercise is marked as completed" pop up.</p> <p>The window is reloaded and the exercise becomes green to indicate completed.</p>	<p>The message "Exercise is marked as completed" pop up.</p> <p>The window is reloaded and the exercise becomes green to indicate completed.</p>	Pass	[Lim Jing Jie 10/11/2023 9:33 PM] : Window is reloaded and the exercise became green successfully
6	Check the metrics based on completed exercises	Click on Dashboard on the side bar.	<p>The exercise name Clam and date 10-11-2023 is shown on Dashboard under Completed Workout.</p> <p>The calories burnt from the exercise is successfully reflected on the bar chart.</p>	<p>The exercise name Clam and date 10-11-2023 is shown on Dashboard under Completed Workout.</p> <p>The calories burnt from the exercise is successfully reflected on the bar chart.</p>	Pass	[Lim Jing Jie 10/11/2023 9:34 PM] : Exercise metrics reflected successfully
<b>Test Case Status</b>		Success				

## 9. Delete Exercise from Calendar

Test Case ID		011		Test Case Priority		High
Test Case Description		This test case validates the functionality of deleting an exercise entry from the user's calendar. The purpose is to ensure that the users can successfully remove exercises, and the changes are reflected accurately in the app.				
Prerequisite		1. Users are logged into the app.  2. Users have existing exercises added to their calendar.		Postrequisite		1. Selected exercise is removed from the user's calendar.  2. Calendar view is updated to reflect the deletion.  3. The exercise data is removed from the backend database.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 10:56 PM] : Launch Successful
2	Navigate to Dashboard page	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 10:57 PM] : Login Successful
3	Navigate to Calendar page	Press Calendar button on the side bar	Calendar page	Calendar page	Pass	[Lim Jing Jie 10/11/2023 10:58 PM] : Navigate to Calendar Page Successful
4	Select the exercise that I have	Click on the exercise	Exercise event modal pop up	Exercise event modal pop up	Pass	[Lim Jing Jie 10/11/2023 10:59 PM] : Exercise

	completed	"Clam" that I have completed on 10/11/2023				event modal pop up successful
5	Delete the exercise	Click on the Trash bin button in the top right corner.	<p>The message "Exercise is deleted" pops up.</p> <p>The window is reloaded, and the exercise entry is no longer visible on the selected date.</p>	<p>The message "Exercise is deleted" popped up.</p> <p>The window is reloaded and the exercise entry is no longer visible on the selected date.</p>	Pass	[Lim Jing Jie 10/11/2023 11:00 PM] : Window is reloaded, and the exercise is removed successfully
6	Check the dashboard	Click on Dashboard on the side bar.	<p>The exercise name Clam and date 10-11-2023 is no longer shown on Dashboard under Completed Workout.</p> <p>The calories burnt from the exercise is no longer reflected on the bar chart.</p>	<p>The exercise name Clam and date 10-11-2023 is no longer shown on Dashboard under Completed Workout.</p> <p>The calories burnt from the exercise is no longer reflected on the bar chart.</p>	Pass	[Lim Jing Jie 10/11/2023 11:01 PM] : Exercise removal reflected successfully
<b>Test Case Status</b>		Success				

# 10. Change Password

Test Case ID		012		Test Case Priority		Medium	
Test Case Description		This test case ensures that users can successfully change their account password through application.					
Prerequisite		1. Users must be logged into the application.		Postrequisite		1. The user's password is updated successfully.  2. The user is able to log in using the new password.	
Test Execution Steps							
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment	
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 11:01 PM] : Launch Successful	
2	Navigate to Dashboardpage	Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 11:02 PM] : Navigate to Login Page Successful	
3	Navigate to Profile Settings page.	Press Profile Settings button on sidebar	Profile Settings Page	Profile Settings Page	Pass	[Lim Jing Jie 10/11/2023 11:03 PM] : Navigate to Profile Settings Page Successful	

4	Change password.	<p>Enter current password.</p> <p>Enter new password</p> <p>Confirm new password</p> <p>Press update password button</p>	Confirmation pop up	Confirmation pop up	Pass	[Lim Jing Jie 10/11/2023 11:04 PM] : Confirmation pop up successful
5	Confirm the password change	Press update	Redirect to Landing Page	Redirect to Landing Page	Pass	[Lim Jing Jie 10/11/2023 11:05 PM] : Redirect to Landing Page successful
6	Navigate to the login page by clicking on the "Login" button.	N/A	Navigate to Login Page	Navigate to Login Page	Pass	[Lim Jing Jie 10/11/2023 11:06 PM] : Launch Successful
7	Enter the username and old password.	<p>Email: <a href="mailto:lebron13145@gmail.com">lebron13145@gmail.com</a></p> <p>Password: oldpassword</p>	Message "Invalid credentials" pops up	Message "Invalid credentials" pops up	Pass	[Lim Jing Jie 10/11/2023 11:07 PM] : Error message pops up
8	Enter the username and new password.	<p>Email: <a href="mailto:lebron13145@gmail.com">lebron13145@gmail.com</a></p> <p>Password: newpassword</p>	Navigate to Dashboard page	Navigate to Dashboard page	Pass	[Lim Jing Jie 10/11/2023 11:07 PM] : Log In Successful
Test Case Status		Success				

# 11. User Settings

Test Case ID	013			Test Case Priority	High	
Test Case Description	This test case verifies the functionality and correctness of the “Profile Settings” feature in the application. The section allows users to customize their username, password, age, height and weight.					
Prerequisite	1. Access to the VIFitness web application. 2. A registered user account with valid credentials.			Postrequisite	1. User settings are successfully updated and saved in the database. 2. No errors occur after modifying user settings.	
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 4:41 PM] : Launch Successful
2	Navigate to Dashboardpage	Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 4:42 PM] : Navigate to Login Page Successful
3	Navigate to Profile Settings page.	Press Profile Settings button on sidebar	Profile Settings Page	Profile Settings Page	Pass	[Lim Jing Jie 10/11/2023 4:43 PM] : Navigate to Profile Settings Page Successful

4	Change username, age, weight and height.	<p>Press username display button,</p> <p>Type in new username</p> <p>Press Age, Weight and Height display button respectively ,</p> <p>Toggle to the new age, weight and height</p>	Username, Age, Weight and Height updated.	Username, Age, Weight and Height updated.	Pass	[Lim Jing Jie 10/11/2023 4:44 PM] : Profile information updated Successful and reflected in MongoDB Compass.
Test Case Status		Success				

## 12. Select Theme

Test Case ID		014		Test Case Priority		Low to Medium
Test Case Description		This test case verifies the Select Theme toggle button functions correctly.				
Prerequisite		1. User is logged into the VIFitness web app. 2. The web app is fully loaded.		Postrequisite		1. The selected light and dark mode is applied consistently across all app pages.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 5:18 PM] : Launch Successful
2	Navigate to Dashboardpage	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 5:19 PM] : Login Successful
3	Locate Select Theme Toggle button		The button is seen at the right-hand side of top bar	The button is seen at the right-hand side of top bar	Pass	[Lim Jing Jie 10/11/2023 5:20 PM] : Toggle button is seen.
4	Toggle Theme switch	Press on the switch	Visual appearance of the app changes to	Visual appearance of the app changes to	Pass	[Lim Jing Jie 10/11/2023 5:20 PM] : Theme



			Light/Dark mode accordingly	Light/Dark mode accordingly		change Successful
5	Toggle Theme switch for Theme Reversion	Press on the switch	App reverts to the initial visual state	App reverts to the initial visual state	Pass	[Lim Jing Jie 10/11/2023 5:20 PM] : Theme reverted Successful
6	Persistency across pages	Navigate to different pages within the app	Selected theme persists consistently	Selected theme persists consistently	Pass	[Lim Jing Jie 10/11/2023 5:20 PM] : Theme persisted Successful
<b>Test Case Status</b>		Success				

# 13. Query Exercise

Test Case ID		015		Test Case Priority		Medium
Test Case Description		This test case verifies the functionality of the “Query Exercise” feature in the VIFitness web app.				
Prerequisite		1. The user is logged into the VIFitness web app.  2. The app is connected to API Ninjas.		Postrequisite		1. The user receives accurate and relevant exercise results based on the provided query.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 8:25 PM] : Launch Successful
2	Navigate to Dashboardpage	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 8:26 PM] : Login Successful
3	Navigate to Workout Planner page	Press Workout Plan button on the side bar	Workout Plan page	Workout Plan page	Pass	[Lim Jing Jie 10/11/2023 8:27 PM] : Navigate to Workout Plan Page Successful
4	Navigate to Workout-Lower	Press on the Lower Body	Workout-Lower Plan	Workout-Lower Plan	Pass	[Lim Jing Jie

	Planner page	button	page	page		10/11/2023 8:28 PM] : Navigate to Workout- Lower Plan Page Successful
5	Navigate to Exercise Card	Press on the wanted muscle card: Abductors	Exercise card consisting of 6 exercises	Exercise card consisting of 6 exercises	Pass	[Lim Jing Jie 10/11/2023 8:28 PM] : Navigate to Exercise card consisting of 6 exercises Successful
6	Navigate to Detailed Exercise Card	Press on the wanted exercise card: Hip Circles(Pron e)	A single exercise card showing difficulty, instruction, equipment and calories burnt from the exercise.	A single exercise card showing difficulty, instruction, equipment and calories burnt from the exercise.	Pass	[Lim Jing Jie 10/11/2023 8:28 PM] : Navigate to Exercise card Successful
7	Navigate to Workout-Upper Planner page	Go back to workout- planner page  Press on the Upper Body button	Workout- Upper Plan page	Workout- Upper Plan page	Pass	[Lim Jing Jie 10/11/2023 8:29 PM] : Navigate to Workout- Upper Plan Page Successful
8	Navigate to Exercise Card	Press on the wanted muscle card: Biceps	Exercise card consisting of 6 exercises	Exercise card consisting of 6 exercises	Pass	[Lim Jing Jie 10/11/2023 8:30 PM] : Navigate to Exercise card consisting of 6 exercises Successful
9	Navigate to Detailed Exercise Card	Press on the wanted exercise card: Incline Hammer Curls	A single exercise card showing difficulty, instruction, equipment and calories burnt from the exercise.	A single exercise card showing difficulty, instruction, equipment and calories burnt from the exercise.	Pass	[Lim Jing Jie 10/11/2023 8:31 PM] : Navigate to Exercise card Successful
10	Navigate to Workout-Lower	Go back to	Workout- Core Plan	Workout-Core Plan page	Pass	[Lim Jing Jie

	Planner page	workout-planner page  Press on the Core button	page			10/11/2023 8:32 PM] : Navigate to Workout-Core Plan Page Successful
11	Navigate to Exercise Card	Press on the wanted muscle card: Abdominals	Exercise card consisting of 6 exercises	Exercise card consisting of 6 exercises	Pass	[Lim Jing Jie 10/11/2023 8:33 PM] : Navigate to Exercise card consisting of 6 exercises Successful
12	Navigate to Detailed Exercise Card	Press on the wanted exercise card: Landmine Twist	A single exercise card showing difficulty, instruction, equipment and calories burnt from the exercise.	A single exercise card showing difficulty, instruction, equipment and calories burnt from the exercise.	Pass	[Lim Jing Jie 10/11/2023 8:34 PM] : Navigate to Exercise card Successful
<b>Test Case Status</b>		Success				

## 14. View Daily Macro Statistics

Test Case ID		016		Test Case Priority		Medium
Test Case Description		This test case verifies that users can accurately view their daily macro statistics in the VIFitness web app.				
Prerequisite		1. A registered user account on VIFitness.  2. The user has set specific daily macro limits. Otherwise, the user is set to use the default daily macro limits.		Postrequisite		1. User is presented with an accurate and updated display of their daily macro limits
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 8:47 PM] : Launch Successful
2	Navigate to Dashboardpage	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 8:48 PM] : Login Successful
3	Navigate to Macro Tracker page	Press Macro Tracker button on the side bar	Macro Tracker page	Macro Tracker page	Pass	[Lim Jing Jie 10/11/2023 8:49 PM] : Navigate to Macro Tracker Page Successful
4	Interact with the circular pie chart in the “Today’s Statistics” section.		When hover, components and weightage like (Calories 8.21) will be shown.	When hover, components and weightage like (Calories 8.21) is shown.	Pass	[Lim Jing Jie 10/11/2023 8:30 PM] : Interactive circular pie chart Successful

5	Interact with the circular pie chart in the “This Week’s Statistics” section.	Press This week button	When hover, components and weightage like (Calories 100.56) will be shown.  Note: Data must be the accumulation of this week’s food components.	When hover, components and weightage like (Calories 100.56) is shown.	Pass	[Lim Jing Jie 10/11/2023 8:30 PM] : Interactive circular pie chart Successful
6	Interact with the circular pie chart in the “This Month’s Statistics” section.	Press This Month button	When hover, components and weightage like (Calories 380.21) will be shown.  Note: Data must be the accumulation of this month’s food components.	When hover, components and weightage like (Calories 380.21) is shown.	Pass	[Lim Jing Jie 10/11/2023 8:30 PM] : Interactive circular pie chart Successful
Test Case Status		Success				

# 15. Changing Daily Macro Limits

Test Case ID		017		Test Case Priority		Medium
Test Case Description		This test case verifies the functionality of allowing users to change their daily macro limits in the app.				
Prerequisite		1. User has a registered account on the VIFitness web app.  2. User must be logged in to the app.		Postrequisite		1. Changes made to the limits should be saved successfully and correctly in the database.  2. Updated macro limits are reflected in the user's profile.
Test Execution Steps						
Step No.	Action	Input	Expected Output	Actual Output	Test Result	Test Comment
1	Open the VIFitness web application.		Landing Page	Landing Page	Pass	[Lim Jing Jie 10/11/2023 8:47 PM] : Launch Successful
2	Navigate to Dashboard page	Press Login button,  Login with existing credentials	Dashboard page	Dashboard page	Pass	[Lim Jing Jie 10/11/2023 8:48 PM] : Login Successful
3	Navigate to Macro Tracker page	Press Macro Tracker button on the side bar	Macro Tracker page	Macro Tracker page	Pass	[Lim Jing Jie 10/11/2023 8:49 PM] : Navigate to Macro Tracker Page Successful
4	Navigate to Macro Tracker settings page.	Press on Settings button	Macro Tracker settings page	Macro Tracker settings page	Pass	[Lim Jing Jie 10/11/2023 8:50 PM] : Macro Tracker settings Page Successful

5	Navigate to Settings pop up page	Press Edit Limits button	Settings pop up page	Settings pop up page	Pass	[Lim Jing Jie 10/11/2023 8:51 PM] : Settings pop up Successful
6	Adjust Macro Limits	Input the values for desired carbohydrates, protein, fat and calories  Press Save Changes button.	Updated macro limits are displayed accurately.	Updated macro limits are displayed accurately.	Pass	[Lim Jing Jie 10/11/2023 8:52 PM] : Adjust Macro Limits Successful
<b>Test Case Status</b>		Success				



