

# **Test Case Template and Final Contribution Statement (CS360)**

**Guftaar**



**Group Number: 04**

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## Revision History

Date	Version	Description	Author
27/04/23	1.0	This is the first revision of the testing document for Guftaar containing all tests, manual and automated, carried out by all members of the group.	Group 4

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# Work Division plan

Please share the work plan for each member.

Member name	Work done (**Clearly** write the name of sections, test case numbers, and the other ways you contributed)	Approximate Equal contribution to the group work (Yes/No) + Remarks if any
Emaan Bilal	3.2-3.8, 3.31-3.40, 3.5	Yes
Emaan Atique	1.4,1.5,3.17-3.21	Yes
Saad Sher Alam	3.24-3.26, 3.29, 3.30	Yes
Bakhtawar Ahtisham	3.1, 3.41-3.48, 3.5	Yes
Harris Ahmad	4 (Automated Testing)	Yes
Romessa Shah Jahan	1.1, 3.1, 3.9-3.16,3.27,3.28	Yes

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# Test Cases

## 1. Introduction (5%)

### 1.1 Document Purpose and Scope

The purpose of this document is to provide information on the various testing methodologies used on our developed website. It also aims to convey the level of thoroughness applied during the testing process, and the extent to which the application can handle invalid inputs and scenarios. Additionally, the document aims to serve as a guide for individuals who may need to test the application in the future, by providing a foundation of existing test cases.

The document begins with an introduction and any necessary prerequisites, followed by a manual testing section and a description of the automated testing tools used. Throughout the document, the reader will find information on the test data used, as well as the results of the tests, in order to provide a complete understanding of the testing process.

### 1.4 Overview of the Use Cases Used

The following Use Cases were implemented and tested in this phase:

Primary Actor	Associated Use Case
Clients	Registration Daily Tasks and Activities <ul style="list-style-type: none"><li>❖ Syllable Counting</li><li>❖ Breathing Exercises</li><li>❖ Link later Voice Progression</li></ul> Daily Task Streaks Speech Techniques Quick Practice View Coach Profiles Give Coach Feedback Daily Log Strength Statements Meeting Reminder View Courses
Coaches	View Calendar

	Add a calendar event Delete a calendar event Add/Delete/Edit Notes View Client Profiles Get Meeting Reminders
Admin	Add Coach Add Admin View Coach Profiles View Coach Feedback Update Ratings View Portal Statistics (current clients, coaches and admins) View Top 4 Coaches

### 1.5 Prerequisites to Execute Test Cases

For executing the manual tests a primary requirement will be a stable wifi connection and a desktop computer/laptop with working speakers. To test the use cases for the admin as well as a coach (since only admins can add a new coach to the system), the following log in credentials will be needed:

**email:** [masteradmin@gmail.com](mailto:masteradmin@gmail.com)

**password:** admin123

For the automated testing, Postman must be set up on the testers machine.

## 2. Testing Environments – 5%

### 2.1 Environment used by member 1 - Emaan Bilal

Machine Name	Macbook Pro	DB Directory	guftaar		
Machine Specs	8 GB RAM, M1 chip	DB	<a href="#">MongoDB</a>	Client Server /Back-End	<a href="https://guftaar-therapy.herokuapp.com">https://guftaar-therapy.herokuapp.com</a>
Device name	Macbook Pro	Device specs	8 GB RAM, M1 chip		
Tester Name	Emaan Bilal	Test Date	27-04-2023		

### 2.2 Environment used by member 2 - Saad Sher Alam

Machine Name	Macbook Air M1	DB Directory	guftaar		
Machine Specs	M1 chip, 8GB RAM	DB	<a href="#">MongoDB</a>	Client Server /Back-End	<a href="https://guftaar-therapy.herokuapp.com">https://guftaar-therapy.herokuapp.com</a>
Device name	Macbook Air M1	Device specs	M1 chip, 8GB RAM		
Tester Name	Saad Sher Alam	Test Date	27-04-2023		

### 2.3 Environment used by member 3 - Romessa Shah Jahan

Machine Name	Macbook Pro	DB Directory	guftaar		
Machine Specs	8 GB RAM, M1 chip	DB	<a href="#">MongoDB</a>	Client Server /Back-End	<a href="https://guftaar-therapy.herokuapp.com">https://guftaar-therapy.herokuapp.com</a>
Device name	Macbook Pro	Device specs	8 GB RAM, M1 chip		
Tester Name	Romessa Shah Jahan	Test Date	27-04-2023		

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#### 2.4 Environment used by member 4 <Bakhtawar Ahtisham>

Machine Name	Macbook Air M1	DB Directory	guftaar		
Version	M1 chip, 8GB RAM	DB	<a href="#">MongoDB</a>	Client Server /Back-End	<a href="https://guftaar-therapy.herokuapp.com">https://guftaar-therapy.herokuapp.com</a>
Device name	Macbook Air M1	Device specs	M1 chip, 8GB RAM		
Tester Name	Bakhtawar Ahtisham	Test Date	27-04-2023		

#### 2.5 Environment used by member 5 Emaan Atique

Machine Name	Macbook Pro	DB Directory	guftaar		
Machine Specs	Apple M1 Chip, 16GB Memory	DB	<a href="#">MongoDB</a>	Client Server /Back-End	<a href="https://guftaar-therapy.herokuapp.com">https://guftaar-therapy.herokuapp.com</a>
Device name	Macbook Pro	Device specs	Apple M1 Chip, 16GB Memory		
Tester Name	Emaan Atique	Test Date	27-04-2023		

#### 2.6 Environment used by member 6 Harris Ahmad

Machine Name	Dell Latitude e7480	DB Directory	guftaar		
Machine Specs	Intel core i7 7th generation quad core, 512 GB SSD, 16 GB RAM	DB	<a href="#">MongoDB</a>	Client Server /Back-End	<a href="https://guftaar-therapy.herokuapp.com">https://guftaar-therapy.herokuapp.com</a>
Device name	Dell Latitude e7480	Device specs	Intel core i7 7th generation quad core, 512 GB SSD, 16 GB RAM		
Tester Name	Harris Ahmad	Test Date	27-04-2023		

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### 3. Test Cases (60%)

#### 3.1 List of test cases

Testcase ID	Testcase name	Performed by	Successful/Failed
Actors: All			
Module: Login/Sign Up			
1	Login	Emaan Bilal	Successful
2	Sign Up	Emaan Bilal	Successful
3	Logging in with the correct email and password for an actor through another actor's login page	Emaan Bilal	Successful
4	Going back to the landing page from the login form (for all actors)	Emaan Bilal	Successful
5	Access the sign up form from the landing page	Emaan Bilal	Successful
6	Access the sign up form from the login form	Emaan Bilal	Successful
7	Log Out	Emaan Bilal	Successful
8	Update Password	Romessa Shah Jahan	Successful
Actor: Client			
Module: Dashboard			
9	Client's Name on Dashboard	Romessa Shahjahan	Successful
10	Click Guftaar name to be redirected to the dashboard	Romessa Shahjahan	Successful
11	Click home icon to be redirected to the dashboard	Romessa Shahjahan	Successful
12	Streak Count	Romessa Shahjahan	Failed
13	Strength Statements	Romessa Shahjahan	Successful
14	Mood Log	Romessa Shahjahan	Successful
15	Profile Button Functionality	Romessa Shahjahan	Successful
16	View Meetings	Emaan Atique	Successful
17	View Coaches	Emaan Atique	Successful
18	Access other pages from client dashboard	Emaan Atique	Successful
19	View scheduled meeting time with coach	Emaan Atique	Successful
Module: Activities			
20	Syllable Counting	Emaan Atique	Successful
21	Breathing Exercise	Emaan Atique	Successful
22	Link Later Voice Progression	Emaan Atique	Successful

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23	Speech Techniques	Saad Sher Alam	Successful
24	Quick Practice	Saad Sher Alam	Successful
Module: View Coaches from Client Side			
25	Leave Review	Saad Sher Alam	Successful
Actor: Coach			
Module: Dashboard			
26	Click Guftaar name to be redirected to the dashboard	Saad Sher Alam	Successful
27	Click home icon to be redirected to the dashboard	Saad Sher Alam	Successful
28	Access other pages from coach dashboard	Saad Sher Alam	Successful
Module: Meetings			
29	View All Meetings	Saad Sher Alam	Successful
Module: Clients			
30	View Clients	Emaan Bilal	Successful
Module: Notes			
31	View note	Emaan Bilal	Successful
32	Add note	Emaan Bilal	Successful
33	Delete note	Emaan Bilal	Successful
Module: Calendar			
34	View Calendar	Emaan Bilal	Successful
35	Add an event	Emaan Bilal	Successful
36	Delete an event	Emaan Bilal	Successful
Actor: Admin			
Module: Dashboard			
37	View number of clients registered	Emaan Bilal	Successful
38	View number of coaches	Emaan Bilal	Successful
39	View number of admins	Emaan Bilal	Successful
40	Click Guftaar name to be redirected to the dashboard	Bakhtawar Ahtisham	Successful
41	Click home icon to be redirected to the dashboard	Bakhtawar Ahtisham	Successful
Module: Add Employees			
42	Add admin	Bakhtawar Ahtisham	Successful
43	Add coach	Bakhtawar Ahtisham	Successful
Module: Coach Ratings			

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44	Edit coach ratings	Bakhtawar Ahtisham	Successful
45	View top coaches	Bakhtawar Ahtisham	Successful
46	View all coaches	Bakhtawar Ahtisham	Successful
47	Read coaches' reviews	Bakhtawar Ahtisham	Successful

### 3.2 Test Case 1: Login - <Performed By Emaan Bilal>

#### 3.2.1 Description

In the login form, the user will be prompted to enter the correct email and password and if it correctly matches the data stored in the database, the user will be redirected to the client dashboard, otherwise the requisite

#### 3.2.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website.

#### 3.2.3 Scenario 1

Logging in as a client

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	<a href="https://guftaar-therapy.herokuapp.com/">https://guftaar-therapy.herokuapp.com/</a>	Web application successfully loads, and landing page is displayed.		Successful	
	Click the "I'm looking for speech support" button		Successful redirection to the login page		Successful	
	Enter valid email Enter valid password Press login button	<a href="mailto:romessashahjahan@hotmail.com">romessashahjahan@hotmail.com</a> amazing123	Successful redirection to the client dashboard		Successful	
Test Case Status				Successful		

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### 3.2.4 Scenario 2

Logging in as a coach

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “I’m a coach offering services” button		Successful redirection to the login page		Successful	
	Enter valid email Enter valid password Press login button	<a href="mailto:harris@guftaar.com">harris@guftaar.com</a> admin123	Successful redirection to the coach dashboard		Successful	
Test Case Status				Successful		

### 3.2.5 Scenario 3

Logging in as an administrator

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “Admin Login” button		Successful redirection to the login page		Successful	

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	Enter valid email Enter valid password Press login button	<a href="mailto:masteradmin@gmail.com">masteradmin@gmail.com</a> admin123	Successful redirection to the admin dashboard		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.2.6 Array of values (if required)

Array of values					
	Scenario 2	Scenario 3	Scenario4	Scenario 5	Scenario 6
<b>Value1</b>	romessashahjahan@hotmail.com	romessashahjahan@hotmail.com		romessashahjahan@hotmail.com	
<b>Value2</b>	amazing12	amazing123	amazing12		
<b>Expected Result</b>	Message that says Invalid Credentials	Message that says Invalid Credentials	Placeholder says Email required	Placeholder says Password required	Email placeholder says email required Password placeholder says password required
<b>Actual Result</b> (if different from expected)					
<b>Successful/Failed</b>	Successful	Successful	Successful	Successful	Successful
<b>Environment Nbr (if failed)</b>					
<b>Log Number (if failed)</b>					

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### 3.3 Test Case 2: Sign Up - Emaan Bilal

#### 3.3.1 Description

In the sign up form, users will be prompted to enter their details (first name, last name, age, email, password). After entering the correct details, the user will be shown an “Account created” message, and redirected to the login page, which can be used to successfully enter the application.

#### 3.3.2 Pre-conditions for this test case

The user must have access to a stable WiFi connection, web browser, and a device.

#### 3.3.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	<a href="https://guftaar-therapy.herokuapp.com/">https://guftaar-therapy.herokuapp.com/</a>	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “I’m looking for speech support” button		Successful redirection to the login page		Successful	
	Click the “ <a href="#">New to Guftaar? Register here.</a> ” button		Successful redirection to the sign up page		Successful	
	OR					
	Click the “sign up now” button on the landing page					
	Enter first name Enter last name Enter valid age (13+) Enter valid email Enter valid password (8 characters with a number at least) Press sign up button	Emaan Bilal 21 <a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a> Password123	Message displayed saying “Account created” Redirection to the login page		Successful	
Test Case Status				Successful		

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Array of values								
	Scenario 2	Scenario 3	Scenario4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9
Value1	Emaan	Emaan	Emaan		Emaan	Emaan	Emaan	Emaan
Value2	Bilal	Bilal	Bilal	Bilal		Bilal	Bilal	Bilal
Value3	12	21	21	21	21		21	21
Value4	<a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a>	<a href="mailto:emaanbilal@xvz.co">emaanbilal@xvz.co</a>	<a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a>	<a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a>	<a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a>	<a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a>		<a href="mailto:emaanbilal@hotmail.com">emaanbilal@hotmail.com</a>
Value5	Password123	Password123	test	Password123	Password123	Password123	Password123	
Expected Result	Error message under age field saying "To use Guftaar, you must be 13+".  Page reloads	Error message under email field saying "Invalid email".  Page reloads	Error message under password field saying "Password must be at least 8 characters long, with a number."  Page reloads	Placeholder says "First name required"  Page reloads	Placeholder says "Last name required"  Page reloads	Placeholder says "Age required"  Page reloads	Placeholder says "Email required"  Page reloads	Placeholder says "Password required"  Page reloads
Actual Result (if different from expected)								
Successful/Failed	Successful	Successful	Successful	Successful	Successful	Successful	Successful	Successful

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<b>Environment Nbr (if failed)</b>								
<b>Log Number (if failed)</b>								

### 3.4 Test Case 3: Logging in with the correct email and password for an actor through another actor's login page - Emaan Bilal

#### 3.4.1 Description

The user will enter the correct email and password but from another actor's login page. For demonstration, a client will attempt to log in from the coach login page. The application should correctly verify credentials, and display an error message because of the actor login mismatch.

#### 3.4.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website.

#### 3.4.3 Scenario 1

Attempt to login with client credentials on the coach login

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the "I'm a coach that offers services" button		Successful redirection to the login page		Successful	
	Enter valid client email Enter valid client password Press login button	<a href="mailto:romessashahjahan@hotmail.com">romessashahjahan@hotmail.com</a> amazing123	Error message that says "Invalid credentials".		Successful	
Test Case Status				Successful		

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### 3.4.4 Scenario 2

Attempt to login with client credentials on the admin login

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “Admin Login” button		Successful redirection to the login page		Successful	
	Enter valid client email Enter valid client password Press login button	romessashahjahan@hotmail.com amazing123	Error message that says “Invalid credentials”.		Successful	
Test Case Status				Successful		

### 3.5 Test Case 4: Going back to the landing page from the login form - Emaan Bilal

#### 3.5.1 Description

The user will be able to return to the landing page after they navigate to their respective login forms.

#### 3.5.2 Pre-conditions for this test case

The user must have access to a stable WiFi connection, web browser, and a device.

#### 3.5.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	

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	Click the “I’m a coach that offers services” button  OR  Click the “I’m looking for speech support” button  OR  Click the “Admin Login” button		Successful redirection to the login page		Successful	
	Click the “Back to home” button		Successful redirection back to the Guftaar landing page		Successful	
\			<b>Test Case Status</b>	<i>Successful</i>		

### 3.6 Test Case 5: Access the sign up form from the landing page - Emaan Bilal

#### 3.6.1 Description

A client has the option to access the signup form to create a new account from multiple locations on the Guftaar landing page.

#### 3.6.2 Pre-conditions for this test case

The user must have access to a stable WiFi connection, web browser, and a device.

#### 3.6.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	

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	Click the “sign up now” button		Successful redirection to the sign up page		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.7 Test Case 6: Access the sign up form from the login form- <Performed By Emaan Bilal>

#### 3.7.1 Description

The client should have the option to be redirected to a sign up form so they can create an account from the login page, in the case that they are new to the platform and do not have login credentials.

#### 3.7.2 Pre-conditions for this test case

The user must have access to a stable WiFi connection, web browser, and a device.

#### 3.7.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “I’m looking for speech support” button		Redirection to the login page		Successful	
	Click the “ <a href="#">New to Guftaar? Register here.</a> ” button		Successful redirection to sign up page		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.8 Test Case 7: Log Out - Emaan Bilal

#### 3.8.1 Description

The user should be able to successfully log out of the platform if they are logged in.

#### 3.8.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website and logged into the platform .

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### 3.8.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click the profile icon in the Nav Bar		A drop down will appear with “Update Password” and “Log out” options		Successful	
	Press the “Log out” button		Successful redirection back to the landing page		Successful	
Test Case Status				Successful		

## 3.9 Test Case 8: Update Password- Romessa Shah Jahan

### 3.9.1 Description

The user should have the option to update their existing password by re entering their current password, and entering the updated version twice.

### 3.9.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website and logged in to the platform.

### 3.9.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click the profile icon in the Nav Bar		A drop down will appear with “Update Password” and “Log out” options		Successful	
	Press the “Update password” button		Successful redirection to the Update Password page		Successful	
	Enter valid old password Enter valid new password (8+ characters with at least 1 number)	amazing123 test1234 test1234	Password updated		Successful	

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	Enter matching new password again					
Test Case Status				Successful		

Array of values						
	Scenario 2	Scenario 3	Scenario4	Scenario 5	Scenario 6	Scenario 7
Value1		amazing1	amazing123	amazing123	amazing123	amazing123
Value2	amazing1234	amazing1234	amazing	amazing12		amazing12
Value3	amazing1234	amazing1234	amazing	amazingg1	amazing12	
Expected Result	Placeholder says Password required	Message that says Old Password is Incorrect	Error message that says <b>Password must have 8+ characters, with a number.</b>	Error Message that says <b>Both passwords do not match.</b>	Placeholder says Password required	Placeholder says Password required
Actual Result (if different from expected)						
Successful/Failed	Successful	Successful	Successful	Successful	Successful	Successful
Environment Nbr (if failed)						
Log Number (if failed)						

### 3.10 Test Case 9: Client's Name on Dashboard - Romessa Shah Jahan

#### 3.10.1 Description

After the user has logged in, they should be able to see their name on the top left of the client dashboard as <client's name>'s Dashboard. The name appearing will be according to the name entered when registering as a user.

#### 3.10.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

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### 3.10.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the dashboard where they will see their name on the top left of the dashboard		Successful	
Test Case Status				Successful		

### 3.11 Test Case 10: Click Guftaar name to be redirected to the client dashboard - Romessa Shah Jahan

#### 3.11.1 Description

After the user has logged in using the correct credentials, they will be redirected to the client dashboard. From the dashboard, if they go to any other page, they will be able to click the Guftaar icon on the top left in the navbar which is consistent on all pages, and they will be redirected back to the dashboard.

#### 3.11.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

#### 3.11.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	

2	Login using the correct credentials		Redirection to the client dashboard		Successful	
3	Go to other pages from the dashboard		Redirection to the page the user wants to access		Successful	
4	Click the Guftaar name in the navbar to be redirected back to the dashboard		Redirection back to the client dashboard		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.12 Test Case 11: Click home icon to be redirected to the client dashboard - Romessa Shah Jahan

#### 3.12.1 Description

After the user has logged in using the correct credentials, they will be redirected to the client dashboard. From the dashboard, if they go to any other page, they will be able to click the home icon in the navbar which is consistent on all pages, and they will be redirected back to the dashboard.

#### 3.12.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

#### 3.12.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the client dashboard		Successful	
3	Go to other pages from the dashboard		Redirection to the page the user wants to access		Successful	

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4	Click the home icon in the navbar to be redirected back to the dashboard		Redirection back to the client dashboard		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

### 3.13 Test Case 12: Streak Count- <Performed By Romessa Shah Jahan>

#### 3.13.1 Description

After the user has successfully logged in, they will be redirected to the client dashboard from where they can access the daily activities page and they will need to complete the three activities (Syllable Counting, Breathing Exercise, and Link Later Voice Progression) in the “Daily Activities” section to increment their streak count by one.

#### 3.13.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

#### 3.13.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the client dashboard		Successful	
3	Go to the Daily Activities section		Redirection to the daily activities page		Successful	
4	Successfully complete the syllable counting exercise		On completion of the syllable counting exercise, a tick mark will be displayed		Successful	
5	Successfully complete the breathing exercise		On completion of the breathing exercise, a tick mark will be displayed		Successful	

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6	Successfully complete the link later voice progression exercise		On completion of the link later voice progression, a tick mark will be displayed		Successful	
			<b>Test Case Status</b>	<i>Failed</i>		

### 3.14 Test Case 13: Strength Statements - Romessa Shah Jahan

#### 3.14.1 Description

After the user has successfully logged in, they will be able to view strength statements on their dashboard.

#### 3.14.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

#### 3.14.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the client dashboard where the strength statements will be displayed in a box on the right of the screen.		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

### 3.15 Test Case 14: Mood Log - Romessa Shah Jahan

#### 3.15.1 Description

After the user has successfully logged in, they will be able to log their mood for the day on the client dashboard.

#### 3.15.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

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### 3.15.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the client dashboard		Successful	
3	Click on one of the emojis to log the mood for the day		The mood for the day of the user will be logged		Successful	
Test Case Status				Successful		

### 3.16 Test Case 15: Profile Button Functionality - Romessa Shah Jahan

#### 3.16.1 Description

After the user has successfully logged in, they will be redirected to the dashboard where the clickable profile icon, which, when selected, will display two further options, namely "Update Password" and "Logout".

#### 3.16.2 Pre-conditions for this test case

The user must already be registered and logged onto the Guftaar website.

#### 3.16.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	

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2	Login using the correct credentials		Redirection to the client dashboard		Successful	
3	Click on the profile icon in the navbar		Two further options of “Update Password” and “Logout” will be displayed. These two options are clickable and when clicked the user will be redirected to the corresponding pages.		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.17 Test Case 16: View Meetings - Emaan Atique

#### 3.17.1 Description

When a client logs in and if they have a scheduled upcoming meeting with a coach, a reminder shows up on their dashboard with the first name of the coach along with a countdown to the scheduled meeting. If there is no upcoming meeting the tab displays the message “No upcoming meetings”

#### 3.17.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a client and logged into their account

#### 3.17.3 Scenario 1: Client has an upcoming guided speech therapy meeting scheduled

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “I’m looking for speech support” button		Successful redirection to the login page		Successful	
	Enter valid username Enter valid password Press login button	emaanatique812@gmail.com client123	Successful redirection to the client dashboard		Successful	

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			In the Guided Speech Support section on the dashboard the user is given a reminder of their upcoming scheduled meeting with their coach: <i>Coaching with &lt;Coach First Name&gt; in WWd XXh YYm ZZs</i>		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

3.17.4 Scenario 2: Client has no upcoming guided speech therapy meeting scheduled

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “I’m looking for speech support” button		Successful redirection to the login page		Successful	
	Enter valid username Enter valid password Press login button	emaanatique812@gmail.com client123	Successful redirection to the client dashboard		Successful	
			In the Guided Speech Support section on the dashboard the user is informed that they have no upcoming meeting scheduled.		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

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### 3.18 Test Case 17: View Coaches - Emaan Atique

#### 3.18.1 Description

From the navbar, clients can navigate to the view coaches page which displays the profiles of all coaches registered with Guftaar along with their details such as their first name, email, qualification, experience and rating. In addition to this with each coach profile the client also has the option to click on the Leave Review button and be redirected to the Add Feedback form.

#### 3.18.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a client and logged into their account

#### 3.18.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “coaches” button on the client navbar		Client redirected to the View Coaches page		Successful	
			The coaches page should display a brief overview of all coaches registered at the Guftaar platform and share details such as their first name, email, qualification, experience and rating with the clients		Successful	
			Each coach profile card should have a Leave Review button which redirects the clients to the Add Feedback form page		Successful	
Test Case Status				Successful		

### 3.19 Test Case 18: Access other pages from Client Dashboard - Emaan Atique

#### 3.19.1 Description

From the navbar, clients can be redirected to different pages to access different facilities including daily activities, speech techniques, quick practice for independent speech support and a page to view Guftaar coach profiles and courses under guided speech support.

#### 3.19.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a client and logged into their account

#### 3.19.3 Scenario 1: Accessing Daily Activities

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “daily activities” button on the client navbar		Successful redirection to the daily activities page		Success	
Test Case Status				Successful		

#### 3.19.4 Scenario 2: Accessing Speech Techniques

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “speech techniques” button on the client navbar		Successful redirection to the speech techniques page		Success	
Test Case Status				Successful		

### 3.19.5 Scenario 3: Accessing Quick Practice

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “quick practice” button on the client navbar		Successful redirection to the quick practice page		Success	
Test Case Status				Successful		

### 3.19.6 Scenario 4: Accessing Coaches

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “coaches” button on the client navbar		Successful redirection to the view coaches page		Success	
Test Case Status				Successful		

### 3.19.7 Scenario 5: Accessing Courses

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “courses” button on the client navbar		Successful redirection to the courses page		Success	
Test Case Status				Successful		

### 3.20 Test Case 19: View scheduled meeting time with coach as a countdown - Emaan Atique

#### 3.20.1 Description

When a client logs in and if they have a scheduled upcoming meeting with a coach, a reminder shows up on their dashboard with the first name of the coach along with a countdown to the scheduled meeting.

#### 3.20.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a client and logged into their account. Moreover they must have an upcoming scheduled meeting with a coach to get a countdown reminder to that meeting.

#### 3.20.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Redirect to the dashboard, logged in as a client with an upcoming coaching session.		For a meeting scheduled with a coach, X, for 2023-05-18T20:55:08.566Z the displayed message under the guided speech support tab for meetings should display the correct dynamic countdown in the form: “Coaching with X in 20d 8h 29m 48s”		Success	
Test Case Status				Successful		

### 3.21 Test Case 20: Syllable Counting - Emaan Atique

#### 3.21.1 Description

Under the daily activities tab, for syllable counting clients will be presented with three words and will be asked to identify the number of syllables in each in order to improve phonological awareness, articulation, and speech production skills.

#### 3.21.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a client and logged into their account

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3.21.3 Scenario 1: Complete the entire game

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “daily activities” button on the client navbar or If currently on the dashboard, click on the “Daily Activities” tab		Successful redirection to the daily activities page		Successful	
	Click on the “Syllable Counting” button		Successful redirection to the syllable counting activity page, displaying the first word and its corresponding three options. Progress bar should be filled accordingly to reflect the user’s current level. There should be a go back button which takes the client back to the daily activities page. The question label should be numbered as 1 of 3.		Successful	
	Click on continue without selecting any option.		The game should not continue forward to the next question.		Successful	
	Select an incorrect option		The correct option should be highlighted in green and the chosen incorrect option should be highlighted in red.		Successful	
	Try to select another option (change answer after selection)		Once an option has been selected, selection of all others should be disabled and the user should not be allowed to change their selection.		Successful	

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	Click on continue.		The screen shifts to display the next question and its corresponding options. Progress bar should now be filled to indicate that the client is on question 2. There should be a go back button which takes the client back to the daily activities page. The question label should be numbered as 2 of 3.		Successful	
	Click on continue without selecting any option.		The game should not continue forward to the next question.		Successful	
	Select the correct option		The selected correct option should be highlighted in green and all other options should be disabled.		Successful	
	Click on continue.		The screen shifts to display the next question and its corresponding options. Progress bar should now be filled to indicate that the client is on question 3. There should be a go back button which takes the client back to the daily activities page. The question label should be numbered as 3 of 3.		Successful	
	Click on continue without selecting any option.		The game should not continue forward to the completion page.		Successful	
	Select an option.		If the chosen option is the correct answer it is highlighted in green. If the chosen answer		Successful	

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			is incorrect it is highlighted in red and the correct option is highlighted in green. The progress bar should now be completely filled.			
	Click on continue.		The screen shifts to the completion page which displays an “All Done” message with a corresponding tick mark animation. Along with this, it also displays the score for the current game as “You got X out of 3 correct!” where X is the number of correctly answered questions. There is also a “Go to Activities” button as well as a go back cross button which redirects the user back to the daily activities page.		Successful	
	Click on the “Go to Activities” button or the cross button.		Successful redirection to the daily activities page.		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

#### 3.21.4 Scenario 2: Leave the game in between.

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “daily activities” button on the client navbar or If currently on the dashboard, click		Successful redirection to the daily activities page		Successful	

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	on the “Daily Activities” tab					
	Click on the “Syllable Counting” button		Successful redirection to the syllable counting activity page, displaying the first word and its corresponding three options. Progress bar should be filled accordingly to reflect the user’s current level. There should be a go back button which takes the client back to the daily activities page. The question label should be numbered as 1 of 3.		Successful	
	Click on the cross button displayed on the top right (applied to all three levels)		Successful redirection to the daily activities page		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.22 Test Case 21: Breathing Exercise - Emaan Atique

#### 3.22.1 Description

Under the ‘Daily Activities’ tab, the client can select ‘Breathing Exercises.’ The system will redirect the client to the ‘Breathing Time’ page where the client can select the desired duration from the dropdown menu. If no duration is selected, the system will display an error message. Once a duration is selected, the system will display visual aids on screen for the client to follow the ‘X-X-X’ breathing pattern common in speech pathology.

#### 3.22.2 Pre-conditions for this test case

The client must already be registered with the Guftaar website and logged in.

#### 3.22.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “daily activities” button on the client navbar		Successful redirection to the daily activities page		Successful	

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	or If currently on the dashboard, click on the “Daily Activities” tab					
1	Click the ‘Breathing Exercises’ button		Client is redirected to the Breathing Time page which displays a dropdown with three possible time values to choose from (1 minute, 2 minutes and 3 minutes).		Successful	
2	Select the duration from the dropdown menu and click the ‘I’m Ready Button.’.		Client is redirected to the Breathing Exercise page where the system displays visual aids for the client to follow the ‘6-6-6’ breathing technique (Breathe in slowly for 6 seconds followed by 6 seconds of holding your breath and then breathing out slowly for 6 seconds) continued for the selected time period.		Successful	
			After the selected time period, the screen shifts to the completion page displaying an “All Done” message and a tick mark graphic.		Successful	
	Click on the tick mark graphic or the top left cross		Successful redirection to the daily activities page		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

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### 3.22.4 Array of values

Array of values				
	Scenario 1	Scenario 2	Scenario 3	Scenario 4
<b>Value1</b>	1 minute	2 minutes	3 minutes	No Selection
<b>Expected Result</b>	<p>Client is redirected to the Breathing Exercise page where the system displays visual aids for the client to follow the '6-6-6' breathing technique (Breathe in slowly for 6 seconds followed by 6 seconds of holding your breath and then breathing out slowly for 6 seconds) continued for 1 minute.</p> <p>After the selected time period, the screen shifts to the completion page displaying an "All Done" message and a tick mark graphic.</p> <p>Clicking on the tick mark graphic takes the user back to the daily activities page.</p>	<p>Client is redirected to the Breathing Exercise page where the system displays visual aids for the client to follow the '6-6-6' breathing technique (Breathe in slowly for 6 seconds followed by 6 seconds of holding your breath and then breathing out slowly for 6 seconds) continued for 2 minutes.</p> <p>After the selected time period, the screen shifts to the completion page displaying an "All Done" message and a tick mark graphic.</p> <p>Clicking on the tick mark graphic takes the user back to the daily activities page.</p>	<p>Client is redirected to the Breathing Exercise page where the system displays visual aids for the client to follow the '6-6-6' breathing technique (Breathe in slowly for 6 seconds followed by 6 seconds of holding your breath and then breathing out slowly for 6 seconds) continued for 3 minutes.</p> <p>After the selected time period, the screen shifts to the completion page displaying an "All Done" message and a tick mark graphic.</p> <p>Clicking on the tick mark graphic takes the user back to the daily activities page.</p>	<p>System displays an error message saying 'Please pick an option.'</p>
<b>Actual Result</b> (if different from expected)				
<b>Successful/Failed</b>	Successful	Successful	Successful	Successful

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<b>Environment Nbr (if failed)</b>				
<b>Log Number (if failed)</b>				

### 3.23 Test Case 22: Link Later Voice Progression - Emaan Atique

#### 3.23.1 Description

Under the 'Daily Activities' tab, the client can select 'Link later Voice Progression' where they will follow cheek and jaw relaxation exercises as visualized on the screen to undo habitual tensions that inhibit expression and awaken new connections in order to open and strengthen the voice/body/mind connection.

#### 3.23.2 Pre-conditions for this test case

The client must already be registered with the Guftaar website and logged in.

#### 3.23.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the "daily activities" button on the client navbar or If currently on the dashboard, click on the "Daily Activities" tab		Successful redirection to the daily activities page		Successful	
1	Click the 'Link later Voice Progression' button		Clients are redirected to the main activity page where they can follow the visual aids and the corresponding instructions displayed to first "Clench your cheek and jaw muscles" for 7 seconds followed by a message and visualization instructing them to "Relax your cheek and jaw muscles" for 7 seconds. This set is repeated thrice.		Successful	

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			After three completed sets, the screen shifts to the completion page displaying an “All Done” message and a tick mark graphic.		Successful	
	Click on the tick mark graphic or the top left cross		Successful redirection to the daily activities page		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.24 Test Case 23: Speech Techniques - Saad Sher Alam

#### 3.24.1 Description

From the Client Dashboard, the client can click on the ‘Speech Techniques’ button to be redirected to the Speech Techniques page. The system will display a list of words. The client can click on a tile of a word, and the system will play the sound for that word.

#### 3.24.2 Pre-conditions for this test case

Clients must already be registered with the Guftaar website and logged in.

#### 3.24.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Click the ‘Speech Techniques’ button from the dashboard.		Client is redirected to the speech techniques page.		Successful	
2	Click any of the displayed words.		The system plays the sound for any word selected.		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.25 Test Case 24: Quick Practice - Saad Sher Alam

#### 3.25.1 Description

From the Client Dashboard, the client can click on the 'Quick Practice' button to be redirected to the Quick Practice page. The system will display a paragraph for speech practice, and also provide visual aid through highlighted text for the client to follow.

#### 3.25.2 Pre-conditions for this test case

Clients must already be registered with the Guftaar website and logged in.

#### 3.25.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Click the 'Quick Practice' button from the dashboard.		Client is redirected to the speech techniques page. The system displays a paragraph along with visual aids.		Successful	
Test Case Status				Successful		

### 3.26 Test Case 25: Leave Review - Saad Sher Alam

#### 3.26.1 Description

From the client dashboard, the client can click on the 'Coaches' button in the navbar. The system will redirect the client to the coaches page and display display coach cards for all coaches in the Guftaar system. The client can click on 'Leave a Review' button for any coach to be navigated to the 'Coach Feedback' page. The client can select the coach email and enter a review.

#### 3.26.2 Pre-conditions for this test case

Clients must already be registered with the Guftaar website and logged in.

### 3.26.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Click the 'Coaches' button from the navbar.		Client is redirected to the coaches page, and all coach cards are displayed.		Successful	
2	Click the 'Leave a Review' button from the navbar.		Client is redirected to the 'Coach Feedback' page.		Successful	
3	Select a coach email from the dropdown. Add a review for the coach email selected. Then, click the submit button.	<a href="mailto:harris@guftaar.com">harris@guftaar.com</a> "Harris is a good coach."	System displays the message 'Your feedback has been shared with our Administration!' and the client is redirected back to the Coaches page.			
Test Case Status				Successful		

### 3.26.4 Array of values (if required)

Array of values				
	Scenario 2	Scenario 3	Scenario4	Scenario 5
Value1	<a href="mailto:harris@guftaar.com">harris@guftaar.com</a>	<a href="mailto:harris@guftaar.com">harris@guftaar.com</a>		
Value2	"Harris is a good coach"		"Harris is a good coach"	
Expected Result	System displays the message 'Your feedback has been shared with our Administration!' and the client is redirected back to the Coaches page.	System displays the message 'Your feedback has been shared with our Administration!' and the client is redirected back to the Coaches page.	System displays an error message saying 'No coach selected.' The review is not saved to the database.	System displays an error message saying 'No coach selected.' The review is not saved to the database.

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<b>Actual Result</b> (if different from expected)			No message is displayed. The review is not saved to the database.	No message is displayed. The review is not saved to the database.
<b>Successful/Failed</b>	Successful	Successful	Failed	Failed
<b>Environment Nbr (if failed)</b>				
<b>Log Number (if failed)</b>				

### 3.27 Test Case 26: Click Guftaar name to be redirected to the coach dashboard - Romessa Shah Jahan

#### 3.27.1 Description

After the coach has logged in using the correct credentials, they will be redirected to the coach dashboard. From the dashboard, if they go to any other page, they will be able to click the Guftaar icon on the top left in the navbar which is consistent on all pages, and they will be redirected back to the dashboard.

#### 3.27.2 Pre-conditions for this test case

The coach must already be logged onto the Guftaar website.

#### 3.27.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the coach dashboard		Successful	
3	Go to other pages from the dashboard		Redirection to the page the coach wants to access		Successful	

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4	Click the Guftaar name in the navbar to be redirected back to the dashboard		Redirection back to the coach dashboard		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.28 Test Case 27: Click home icon to be redirected to the coach dashboard - Romessa Shah Jahan

#### 3.28.1 Description

After the coach has logged in using the correct credentials, they will be redirected to the coach dashboard. From the dashboard, if they go to any other page, they will be able to click the home icon in the navbar which is consistent on all pages, and they will be redirected back to the dashboard.

#### 3.28.2 Pre-conditions for this test case

The coach must already be logged onto the Guftaar website.

#### 3.28.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the coach dashboard		Successful	
3	Go to other pages from the dashboard		Redirection to the page the coach wants to access		Successful	
4	Click the home icon in the navbar to be redirected back to the dashboard		Redirection back to the coach dashboard		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

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### 3.29 Test Case 28: Access other pages from Coach Dashboard - Saad Sher Alam

#### 3.29.1 Description

From the navbar at the coach dashboard, the coach can click the 'notes' button to access the 'Notes' page.

#### 3.29.2 Pre-conditions for this test case

The coach must be registered and logged in.

#### 3.29.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Click the 'Notes' button from the navbar on the coach dashboard.		Coach is redirected to the notes page.		Successful	
Test Case Status				Successful		

### 3.30 Test Case 29: View All Meetings - Saad Sher Alam

#### 3.30.1 Description

On the coach dashboard, the system will display all upcoming meetings for the coach. If there are no upcoming meetings, the system will display the message 'No Upcoming Meetings.'

#### 3.30.2 Pre-conditions for this test case

The coach must already be registered with the Guftaar website and logged in.

#### 3.30.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Login with a Coach that has		The coach dashboard displays		Successful	

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	upcoming meetings scheduled.		all upcoming meetings for the coach.			
			<b>Test Case Status</b>	<i>Successful</i>		

#### 3.30.4 Scenario 2

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Login with a coach that has no upcoming meetings scheduled.		The coach dashboard displays the message “No Upcoming Meetings.”		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

### 3.31 Test Case 30: View Clients - Emaan Bilal

#### 3.31.1 Description

A coach will be able to view their respective clients, based on who they have had meetings with, on the coach dashboard upon logging in.

#### 3.31.2 Pre-conditions for this test case

The user must be pre registered as a coach.

#### 3.31.3 Scenario 1

Coach has one or more clients who they have held a meeting with

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	<a href="https://guftaar-therapy.herokuapp.com/">https://guftaar-therapy.herokuapp.com/</a>	Web application successfully loads, and landing page is		Successful	

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			displayed.			
	Click the “I’m a coach offering services” button		Successful redirection to the login page		Successful	
	Enter valid email Enter valid password Press login button	<a href="mailto:harris@guftaar.com">harris@guftaar.com</a> admin123	Successful redirection to the coach dashboard		Successful	
	View the client cards carousel and scroll horizontally		The client names are visible in card format under the “Your Clients” heading as a carousel which is horizontally scrollable		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

#### 3.31.4 Scenario 2

Coach has no clients who they have held a meeting with

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	<a href="https://guftaar-therapy.herokuapp.com/">https://guftaar-therapy.herokuapp.com/</a>	Web application successfully loads, and landing page is displayed.		Successful	
	Click the “I’m a coach offering services” button		Successful redirection to the login page		Successful	
	Enter valid email Enter valid password Press login button	<a href="mailto:harris@guftaar.com">harris@guftaar.com</a> admin123	Successful redirection to the coach dashboard		Successful	
	View the “My Clients” section		No client names are visible under the “Your Clients” as the coach has not had a meeting with any client		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

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### 3.32 Test Case 31: View notes - Emaan Bilal

#### 3.32.1 Description

A coach should be able to view general notes for their perusal on the Guftaar platform which stay persistently throughout that specific session only.

#### 3.32.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a coach and logged into their account.

#### 3.32.3 Scenario 1

Coach has one or more existing note from that session

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “Notes” button in the Nav Bar  OR  Click the “+ add notes” hyperlink near the “My Clients” heading on the dashboard		Successful redirection to the notes page		Success	
	View the notes arranged according to date added, with latest first		All notes are visible in the form of sticky note cards on the page		Success	
Test Case Status				Successful		

### 3.32.4 Scenario 2

Coach has no existing note from that session

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “Notes” button in the Nav Bar  OR  Click the “+ add notes” hyperlink near the “My Clients” heading on the dashboard		Successful redirection to the notes page		Success	
	View the notes		The page says “No notes present” since the notes list is currently empty		Success	
Test Case Status				Successful		

### 3.33 Test Case 32: Add note - Emaan Bilal

#### 3.33.1 Description

A coach should be able to add general notes for their perusal on the Guftaar platform which stay persistently throughout that specific session only.

#### 3.33.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a coach and logged into their account.

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### 3.33.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “Add Notes” button in the Nav Bar  OR  Click the “+ add notes” hyperlink near the “My Clients” heading on the dashboard		Successful redirection to the notes page		Success	
	Click the plus icon next to the “My Notes” heading		A new blank note is created below, with the current timestamp and visible under the My Notes heading		Success	
	Click on the note and type the text of interest	<your text for note>	The note is updated in real time, and the added text is now stored as part of the note, remaining upon re-navigation to the page during the same session		Success	
Test Case Status				Successful		

### 3.34 Test Case 33: Delete note - Emaan Bilal

#### 3.34.1 Description

A coach should be able to delete an existing note throughout that specific session in which it was created.

#### 3.34.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a coach and logged into their account, and should have existing notes.

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### 3.34.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the “Add Notes” button in the Nav Bar  OR  Click the “+ add notes” hyperlink near the “My Clients” heading on the dashboard		Successful redirection to the notes page		Success	
	Hover on the note to be deleted		A clickable bin icon appears at the bottom corner of the note		Success	
	Click on the bin icon		The note is deleted and the page no longer shows that note, moving the rest of the notes, if any, accordingly up		Success	
Test Case Status				Successful		

### 3.35 Test Case 34: View Calendar - Emaan Bilal

#### 3.35.1 Description

A coach should be able to view their calendar, and see any scheduled events during that session only.

#### 3.35.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a coach and logged into their account.

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### 3.35.3 Scenario 1

The coach has existing events

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the coach dashboard		Success	
	View the calendar present on the right of the screen		A calendar is present showing the current month, and the names of the events scheduled as labels on their dates		Success	
	(optional) Use the arrows to toggle through months and view previous or future events		The month name and calendar view changes to show the dates and scheduled events for that month with the start time (if applicable) with its name		Success	
	(optional) Change the view by choosing from “week”, “month”, “day” and “list”.		Month shows events as tags on the respective date in the calendar, while week and day shows the timing of the events as well.  List view shows the events of the month in a list format, ordered chronologically		Success	
Test Case Status				Successful		

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### 3.35.4 Scenario 2

The coach has no existing events

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the coach dashboard		Success	
	View the calendar present on the right of the screen		A calendar is present showing the current month, with no labels on the date since no events are scheduled		Success	
	(optional)  Use the arrows to toggle through months and view previous or future events		The month name and calendar view changes to show the dates		Success	
	(optional)  Change the view by choosing from “week”, “month”, “day” and “list”.		Month shows dates in the calendar, while week and day shows the timing as well.  List view says no events scheduled since there are no current active events.		Success	
Test Case Status				Successful		

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### 3.36 Test Case 35: Add an event - Emaan Bilal

#### 3.36.1 Description

A coach should be able to create an event for a specific date. This event can be all day or timed, and should persist throughout that session.

#### 3.36.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as a coach and logged into their account.

#### 3.36.3 Scenario 1

Create an all day event

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the coach dashboard		Success	
	Click on the date in the calendar you wish to add an event for after navigating to the month of interest using the arrow buttons		An alert dialog box will appear saying "Please enter a new title for your event".		Success	
	Enter the required name for the event to be added	<user input>	Event appears as a label on that date on the calendar		Success	
Test Case Status				Successful		

#### 3.36.4 Scenario 2

Create an timed event

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the		Successful redirection to the coach dashboard		Success	

	dashboard)					
	Click on week option and use the arrows to navigate to the required week/day		The week of interest is displayed with a timescale on the left		Success	
	Select the duration to be chosen for the event		An alert dialog box will appear saying “Please enter a new title for your event”.		Success	
	Enter the required name for the event to be added	<user input>	Event appears as a label on that date with the time specified on the calendar		Success	
<b>Test Case Status</b>				<i>Successful</i>		

### 3.37 Test Case 36: Delete an event - Emaan Bilal

#### 3.37.1 Description

A coach should be able to delete an existing event created during that session.

#### 3.37.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website and logged in, with an existing event created.

#### 3.37.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the coach dashboard		Success	
	Navigate to the month during which that event is scheduled		The dates and labels change to reflect the month's saved events (in that session)		Success	
	Click on the label of the event to be deleted		An alert box appears asking “Are you sure you want to delete the event '<name of event>’?”		Success	

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	Click on the “OK” button on the alert box		Event is successfully deleted and the label disappears from the calendar		Success	
			<b>Test Case Status</b>	<i>Successful</i>		

### 3.38 Test Case 37: View number of clients registered - Emaan Bilal

#### 3.38.1 Description

An administrator should be able to view the total number of clients registered on the Guftaar application.

#### 3.38.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as an administrator, and be logged in on the portal..

#### 3.38.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the admin dashboard		Success	
	View the number of clients displayed on the left of the administrator center		Number of clients registered automatically displayed as a number as part of a box grid on the screen		Success	
			<b>Test Case Status</b>	<i>Successful</i>		

### 3.39 Test Case 38: View number of coaches - Emaan Bilal

#### 3.39.1 Description

An administrator should be able to view the total number of coaches registered on the Guftaar application.

#### 3.39.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as an administrator, and be logged in on the portal.

#### 3.39.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the admin dashboard		Success	
	View the number of coaches displayed on the left of the administrator center		Number of coaches registered automatically displayed as a number as part of a box grid on the screen		Success	
Test Case Status				Successful		

### 3.40 Test Case 39: View number of admins - Emaan Bilal

#### 3.40.1 Description

An administrator should be able to view the total number of admins registered on the Guftaar application.

#### 3.40.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website as an administrator, and be logged in on the portal..

### 3.40.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Click on the home icon in the Nav Bar (if not already on the dashboard)		Successful redirection to the admin dashboard		Success	
	View the number of coaches displayed on the left of the administrator center		Number of coaches registered automatically displayed as a number as part of a box grid on the screen		Success	
Test Case Status				Successful		

### 3.41 Test Case 40: Click Guftaar name to be redirected to the admin dashboard - Bakhtawar Ahtisham

#### 3.41.1 Description

After the user has logged in using the correct credentials, they will be redirected to the admin dashboard. From the dashboard, if they go to any other page, they will be able to click the Guftaar icon on the top left in the navbar which is consistent on all pages, and they will be redirected back to the dashboard.

#### 3.41.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website.

#### 3.41.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the admin		Successful	

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			dashboard			
3	Go to other pages from the dashboard		Redirection to the page the user wants to access		Successful	
4	Click the Guftaar name in the navbar to be redirected back to the dashboard		Redirection back to the admin dashboard		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

### 3.42 Test Case 41: Click home icon to be redirected to the admin dashboard- <Performed By Bakhtawar Ahtisham>

#### 3.42.1 Description

After the user has logged in using the correct credentials, they will be redirected to the coach dashboard. From the dashboard, if they go to any other page, they will be able to click the home icon in the navbar which is consistent on all pages, and they will be redirected back to the dashboard.

#### 3.42.2 Pre-conditions for this test case

The coach must already be registered and logged onto the Guftaar website.

#### 3.42.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Login using the correct credentials		Redirection to the coach dashboard		Successful	
3	Go to other pages from the dashboard		Redirection to the page the user wants to access		Successful	
4	Click the home icon in the navbar to be redirected back to the dashboard		Redirection back to the coach dashboard		Successful	
			<b>Test Case Status</b>	<i>Successful</i>		

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### 3.43 Test Case 42: Add admin- <Performed By Bakhtawar Ahtisham>

#### 3.43.1 Description

In the Administrator form, the admin has to add the credentials of the new administrator to be registered which include the first name, last name, email, age and password. If all the fields correctly match the validation checks then the pop message of 'account created' is displayed at the top.

#### 3.43.2 Pre-conditions for this test case

The admin must already be logged on the Guftaar website and directed to the 'Add employee' page from the dashboard

#### 3.43.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	<a href="https://guftaar-therapy.herokuapp.com/">https://guftaar-therapy.herokuapp.com/</a>	Web application successfully loads, and landing page is displayed.		Successful	
2	Admin Login using the correct credentials		Redirection to the admin dashboard		Successful	
3	Click on 'Add Employee' on the admin dashboard	<a href="https://guftaar-therapy.herokuapp.com/admin/AddEmployee">https://guftaar-therapy.herokuapp.com/admin/AddEmployee</a>	The page for 'Add Employee' is successfully displayed and shows two options: Administrator and Coach		Successful	
4	Select 'Administrator' from the options	Nida Tanveer 22 <a href="mailto:nida@gmail.com">nida@gmail.com</a> nida1234	The registration form for the coach is successfully displayed		Successful	
5	Enter first name		Pop up appears at the top displaying "Account created"		Successful	
	Enter last name					
	Enter valid age					
	Enter valid email					
	Enter valid password					
Test Case Status				Successful		

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Array of values								
	Scenario 2	Scenario 3	Scenario4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9
Value1	Nida	Nida	Nida	Nida	Nida	Nida	Nida	Nida
Value2	Tanveer	Tanveer	Tanveer	Tanveer		Tanveer	Tanveer	Tanveer
Value3	12	21	21	21	21		21	21
Value4	<a href="mailto:nida@gmail.com">nida@gmail.com</a>	<a href="mailto:nida@xyz.co">nida@xyz.co</a>	<a href="mailto:nida@gmail.com">nida@gmail.com</a>	<a href="mailto:nida@gmail.com">nida@gmail.com</a>	<a href="mailto:nida@gmail.com">nida@gmail.com</a>	<a href="mailto:nida@gmail.com">nida@gmail.com</a>		<a href="mailto:nida@gmail.com">nida@gmail.com</a>
Value5	nida1234	nida1234	test	nida1234	nida1234	nida1234	nida1234	
Expected Result	<p>Error message under age field saying “An admin must be 20+”.</p> <p>The incorrect field is highlighted in red</p>	<p>Error message under email field saying “Invalid email”.</p> <p>The incorrect field is highlighted in red</p>	<p>Error message under password field saying “Password must be at least 8 characters long, with a number.”</p> <p>The incorrect field is highlighted in red</p>	The empty field is highlighted in red	The empty field is highlighted in red	<p>Placeholder says “Age required”</p> <p>The empty field is highlighted in red</p>	<p>Placeholder says “Email required”</p> <p>The incorrect field is highlighted in red</p>	<p>Placeholder says “Password required”</p> <p>The incorrect field is highlighted in red</p>
Actual Result								

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(if different from expected)								
<b>Successful/Failed</b>	Successful	Successful	Successful	Successful	Successful	Successful	Successful	Successful
<b>Environment Nbr (if failed)</b>								
<b>Log Number (if failed)</b>								

### 3.44 Test Case 43: Add coach- <Performed By Bakhtawar Ahtisham >

#### 3.44.1 Description

In the Add coach form, the admin has to add the credentials of the coach to be registered which include the first name, last name, gender, email, age, qualification, past experience, password. If all the fields correctly match the validation checks then the pop message of 'account created' is displayed at the top.

#### 3.44.2 Pre-conditions for this test case

The admin must already be logged on the Guftaar website.

#### 3.44.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Admin Login using the correct credentials		Redirection to the admin dashboard		Successful	
3	Click on 'Add Employee' on the admin dashboard	https://guftaar-therapy.herokuapp.com/	The page for 'Add Employee' is successfully displayed and		Successful	

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		admin/AddEmployee	shows two options: Administrator and Coach			
4	Select 'Coach' from the options		The registration form for the coach is successfully displayed		Successful	
5	Enter First Name Enter Last Name Select Gender Enter valid email Enter valid age Enter Qualification Enter Past Experience Enter valid password Confirm password	Aima Shahid Female <a href="mailto:aima@gmail.com">aima@gmail.com</a> 22 CS-BS 6 aima1234 aima1234	Pop up appears at the top displaying "Account created"		Successful	
<b>Test Case Status</b>				<i>Successful</i>		

Array of values								
	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8	Scenario 9
<b>Value 1</b>		Aima	Aima	Aima	Aima	Aima	Aima	Aima
<b>Value 2</b>	Shahid	Shahid	Shahid	Shahid		Shahid	Shahid	Shahid
<b>Value 3</b>	Female		Female	Female	Female	Female	Female	Female
<b>Value 4</b>	<a href="mailto:aima@gmail.com">aima@gmail.com</a>	aima@xyv.com	<a href="mailto:aima@gmail.com">aima@gmail.com</a>	<a href="mailto:aima@gmail.com">aima@gmail.com</a>	<a href="mailto:aima@gmail.com">aima@gmail.com</a>	<a href="mailto:aima@gmail.com">aima@gmail.com</a>		<a href="mailto:aima@gmail.com">aima@gmail.com</a>
<b>Value 5</b>	22	22	22	22	22	1	22	22
<b>Value 6</b>	CS-BS	CS-BS	CS-BS		CS-BS	CS-BS	CS-BS	CS-BS
<b>Value 7</b>	6	6	6	6	6	6	6	6
<b>Value 8</b>	aima1234	aima1234	aima	aima1234	aima1234	aima1234	aima1234	aima1234
<b>Value 9</b>	aima1234	aima1234	aima	aima1234	aima1234	aima1234	aima1234	aima12

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<b>Expected Result</b>	The empty field of First Name is highlighted in red and the system does not proceed further	Error message under email field saying "Invalid email".  Error message under gender field "Gender is required"  The empty field is highlighted in red	Error message under password field saying "Password must be at least 8 characters long, with a number."  The incorrect field is highlighted in red	The empty field of Qualification is highlighted in red and the system does not proceed further	The empty field of Last Name is highlighted in red and the system does not proceed further	Error message "A coach must be 20+"  The incorrect field is highlighted in red	Placeholder says "Invalid Email"  The incorrect field is highlighted in red	Placeholder says "Passwords do not match"  The incorrect field is highlighted in red
<b>Actual Result</b> (if different from expected)								
<b>Successful/Failed</b>	Successful	Successful	Successful	Successful	Successful	Successful	Successful	Successful
<b>Environment Nbr (if failed)</b>								
<b>Log Number (if failed)</b>								

### 3.45 Test Case 44: Edit coach ratings - <Performed By Bakhtawar Ahtisham>

#### 3.45.1 Description

In the coach ratings section, we can edit the currently displayed rating and assign a new rating to it from the range 0 to 5. The ratings would

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automatically be updated and the displayed names rearranged accordingly in descending order i.e the coach with the most ratings is displayed at the top

#### 3.45.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website.

#### 3.45.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Admin Login using the correct credentials		Redirection to the admin dashboard		Successful	
3	Click on the edit icon besides the rating of the coach selected -Aima Shahid		"Enter new rating for coach" displayed where an empty field appears in the pop-up for the rating to be entered		Successful	
4	Enter a valid rating	Aima Shahid - 5	The new rating value of the coach is updated and the order of the names displayed changes to descending order of ratings		Successful	
5	Enter same rating for another coach	Bersghal Atique- 5	The name of the most recently updated coach rating is displayed at the top if the ratings of two coaches are similar.		Successful	
			Test Case Status	Successful		

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### 3.46 Test Case 45: View top coaches - <Performed By Bakhtawar Ahtisham>

#### 3.46.1 Description

The admin would be able to view the top coaches and their rating on the admin dashboard.

#### 3.46.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website.

#### 3.46.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Admin Login using the correct credentials		Redirection to the admin dashboard		Successful	
3	View the top 4 coaches based on their ratings on dashboard		The first name, last name and current ratings of the top 4 coaches displayed in descending order with the top coach having the highest rating on the dashboard		Successful	
Test Case Status				Successful		

### 3.47 Test Case 46: View all coaches- <Performed By Bakhtawar Ahtisham>

#### 3.47.1 Description

In the 'view all' option, a comprehensive list and profiles of all the 'Guftaar Coaches' would be displayed containing their first name, email, qualification, experience, rating, reviews and the option to set new ratings for them would be available.

#### 3.47.2 Pre-conditions for this test case

The user must already be registered with the Guftaar website.

### 3.47.3 Scenario 1

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
1	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
2	Admin Login using the correct credentials		Redirection to the admin dashboard		Successful	
3	Click on ‘View all’		Redirects to the page “Guftaar Coaches”		Successful	
	View the profiles of all the coaches		The first name, email, qualification, experience, rating, reviews and the option to set new ratings displayed for each coach in the list		Successful	
			Test Case Status	Successful		



**3.48 Test Case 47: Read coaches' reviews- <Performed By Bakhtawar Ahtisham>****3.48.1 Description**

In the 'read coaches' reviews pages, the reviews left by the various clients would be displayed under the coaches' profiles.

**3.48.2 Pre-conditions for this test case**

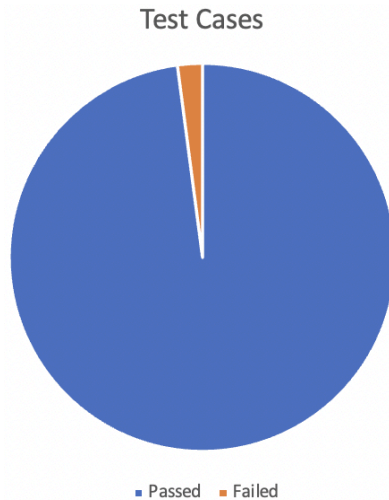
The user must already be registered with the Guftaar website.

**3.48.3 Scenario 1**

Test Case						
UC Step	Step Description	Data/Value (1 to n)	Expected Result	Actual Result (if different from expected)	Successful/Failed	Log Number (if failed)
	Load the Guftaar application on a web browser	https://guftaar-therapy.herokuapp.com/	Web application successfully loads, and landing page is displayed.		Successful	
	Admin Login using the correct credentials		Redirection to the admin dashboard		Successful	
	Click on 'Coach profiles' on the admin dashboard		Redirects to the page containing the information regarding all the registered coaches and their reviews left by the clients		Successful	
	Click on "Read Reviews" of any coach	harris@guftaar.com	Redirects to a page containing all the reviews left by clients for the selected coach like "Harris is a great coach!"		Successful	
Test Case Status				Successful		

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### 3.5 Summary of manual testing results (10%)



In the manual testing, 47 test cases were executed, out of which only 1 test case failed: Streak Value Increment. None of these use cases were related to the core functionality of the application. The reason for the failure of the Streak Value test case was the value was not updating in the database at the backend. This minor issue can easily be fixed by developers by adding some mechanism to handle the corner case identified during testing.

The tests for the primary use cases of our application were mostly favorable and were handled accurately. 100% of the use cases for the client actor were operating correctly, across all edge cases. Given that the client is the primary actor for the Guftaar web application, the testing results are promising for the application's widespread use.

However, there remains room for improvement across coach and administrator use cases. All scheduling and note making facilities for coaches remain currently persistent throughout the session, but are not persistent across sessions since the data is not currently stored in the database. Clients also currently do not have the ability to schedule sessions with coaches, with the presumption that this occurs manually in person through the Guftaar office. While the web application remains limited to streamlining already existing offline booking processes, there remains the possibility to extend the Guftaar application to include an automated scheduling system to increase its utility.

Some aspects that could be enhanced are the responsiveness of the user interface to user actions and the performance of the backend server, which may involve delays in fetching certain data from the backend databases, which can be addressed by implementing a loading screen in certain instances where data retrieval takes longer than expected. The application's UI is also responsive to all user actions, whether through alerts, or a color change when a button is pressed or hovered on. Additionally, non-functional features like security are also ensured by the use of protected routes.

## 4. Automated testing – Harris Ahmad

### Summary

#### Purpose

Guftaar is backed up using three different APIs: client, coach, and admin and owing to the complexity of our web application, automated testing provides consistent and reliable results. It eliminates the human error factor that is often present in manual testing. Automated tests are executed in the same way every time, ensuring that the test results are consistent and reliable. It also ensures that all areas of the application are tested thoroughly. It can run tests that are difficult or impossible to execute manually such as load testing and performance testing.

#### Scope

The scope of automated testing in our case is primarily restricted to the major use cases of our application such as sign up (register), login (sign in), viewing the dashboard of all three actors (client, coach & admin), coaches adding feedback for clients, etc. If all of these features work in harmony, then an average user on our website will be able to reap full advantage to the services provided by our therapy portal. In section 5.2, we have discussed the test cases in detail.

### 4.1 List of test cases used for automated testing

Test Case ID	Test Case name	Performed by	Successful/Failed
01	client_login_test	Harris Ahmad	Successful
02	client_signup_test	Harris Ahmad	Successful
03	coach_signup_test	Harris Ahmad	Successful
04	coach_login_test	Harris Ahmad	Successful
05	admin_login_test	Harris Ahmad	Successful
06	admin_signup_test	Harris Ahmad	Successful
07	view_client_dashboard_test	Harris Ahmad	Successful
08	view_admin_dashboard_test	Harris Ahmad	Successful
09	view_coach_dashboard_test	Harris Ahmad	Successful
10	get_client_dashboard_details	Harris Ahmad	Successful

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11	view_coaches_test	Harris Ahmad	Successful
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#### 4.2 Automated Testing Tool - Postman

We have used Postman REST API client as a tool for automated testing of our web application. With a simple click, Postman can run a batch of tests and provide instant feedback on the success or failure of each test. Postman also offers a collaborative environment that allows teams to work together on testing. Multiple team members can share test cases, collaborate on scripts and test data, and keep track of changes made to tests, exactly how we worked on this section of the document. Another significant benefit of Postman is its ability to automate testing. Postman can be integrated with other tools like Jenkins or Travis CI to automate the testing process. This can save time and reduce the risk of human error. We were able to write scripts within the client in vanilla JavaScript that enabled us to test more than one use case at the same time.

#### 4.3 Setup

Postman is a popular tool used for API testing and automation. To set it up for automated testing of Guftaar, we simply had to download their Desktop client from any web browser. Setting up Postman for automated testing of a web application is a simple process that requires a few hardware and software resources.

#### 4.4 Test cases for automated testing

##### ***Test Case 01: client\_login\_test***

For automated testing of the login route in the client API, we used the following JS script embedded and written in the Postman's Desktop client. The result of the test cases is given as well. The following screenshot confirms the successful completion of the test case when the user is unauthorized

The screenshot displays a REST client interface with the following components:

- Top Bar:** Includes tabs for Overview, a POST request to `https://guftaar-therap`, and a dropdown for "No Environment".
- Request Section:** Shows the URL `https://guftaar-therapy.herokuapp.com/client/login` and a "Send" button.
- Test Scripts:** A tab labeled "Tests" contains two JavaScript test scripts:

```
1 pm.test("Test for processable response", () => {  
2   pm.response.to.have.status(200);  
3   pm.response.to.be.ok;  
4   pm.response.to.be.json;  
5 });  
6  
7 pm.test("Test for unauthorized user", () => {  
8   let jsonData = pm.response.json();  
9   console.log(jsonData);  
10  pm.expect(jsonData.message).toEqual(undefined);  
11 });  
12
```
- Test Results:** A tab labeled "Test Results (2/2)" shows two successful tests:
  - PASS** Test for processable response
  - PASS** Test for unauthorized user
- Right Panel:** Contains a "Snippets" section with links like "Get an environment variable", "Get a global variable", "Get a variable", and "Get a collection variable".

Following are the credentials used for logging in a registered client:

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The screenshot shows the Postman interface for a POST request to `https://guftaar-therapy.herokuapp.com/client/login`. The request is configured with the `form-data` type and includes the following parameters:

Key	Value	Description
email	roshni.khurrana@gmail.com	
password	harris12	

The response status is `200 OK` with a response time of `1215 ms` and a body size of `313 B`. The test results show two tests that both passed:

- PASS** Test for processable response
- PASS** Test for unauthorized user

After successfully logging in, we add one more test function to check if the user has successfully logged in. After performing this, the test “Test of unauthorized user” must fail and the test “Test for authorized user” must pass:

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The screenshot displays a REST client interface for a POST request to `https://guftaar-therapy.herokuapp.com/client/login`. The **Tests** tab is active, showing three test cases in JavaScript:

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for unauthorized user", () => {
8   let jsonData = pm.response.json();
9   console.log(jsonData);
10  pm.expect(jsonData.message).to.eql(undefined);
11 });
12
13 pm.test("Test for authorized user", () => {
14   let jsonData = pm.response.json();
15   console.log(jsonData);
16   pm.expect(jsonData.message).to.eql("success");
17 });
```

Below the code, the **Test Results (2/3)** section shows the outcomes:

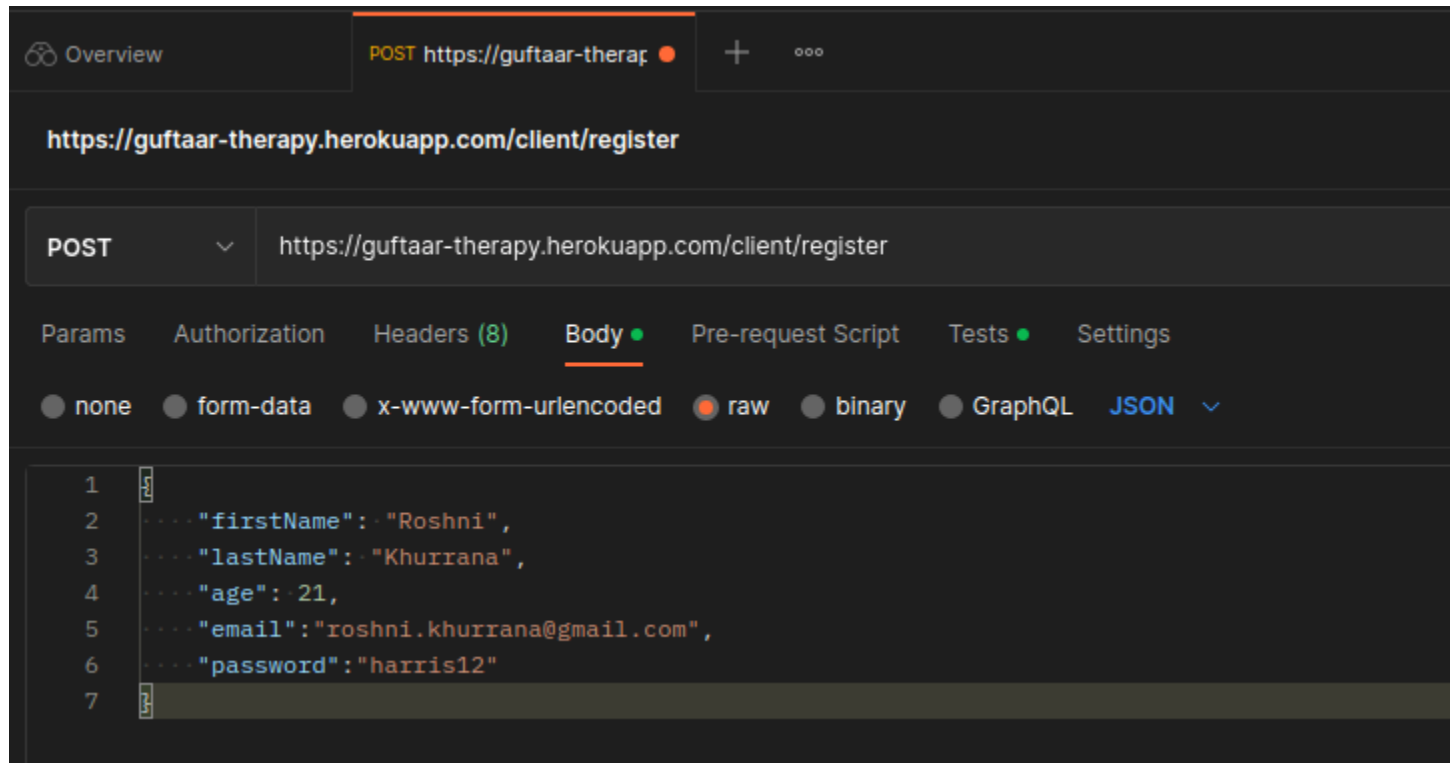
- PASS** Test for processable response
- FAIL** Test for unauthorized user | AssertionError: expected 'success' to deeply equal undefined
- PASS** Test for authorized user

We tested the login module of the client API under different scenarios and seemed to pass and fail the appropriate tests. Hence, we concur that the test case named “client\_login\_test” successfully passes.

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### Test Case 02: client\_signup\_test

For testing the sign up (register) module of the client API, we used the following scripts and attached are the results of the test cases. First, to confirm an unsuccessful sign up, we need the credentials of a registered user:



After sending this JSON in the request body, we have the following results of the test functions that we wrote:



Overview

POST https://guftaar-therap

+ ...

No En

https://guftaar-therapy.herokuapp.com/client/register

POST

https://guftaar-therapy.herokuapp.com/client/register

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 // test to confirm an unsuccessful sign up -- user already registered
8 pm.test("Test for unsuccessful signup", () => {
9   let jsonData = pm.response.json();
10  console.log(jsonData);
11  pm.expect(jsonData.message).to.eql("We already have an account made with this email")
12 });
```

Test scripts a

and are run at

received. Lea

[tests scripts](#)

Snippets

Get an environ

Get a global v

Get a variable

Get a collecti

Set an environ

Set a global v

Body

Cookies

Headers (9)

Test Results (2/2)

Status: 200 OK

Time: 1263 ms

Size: 337 B

All

Passed

Skipped

Failed

PASS

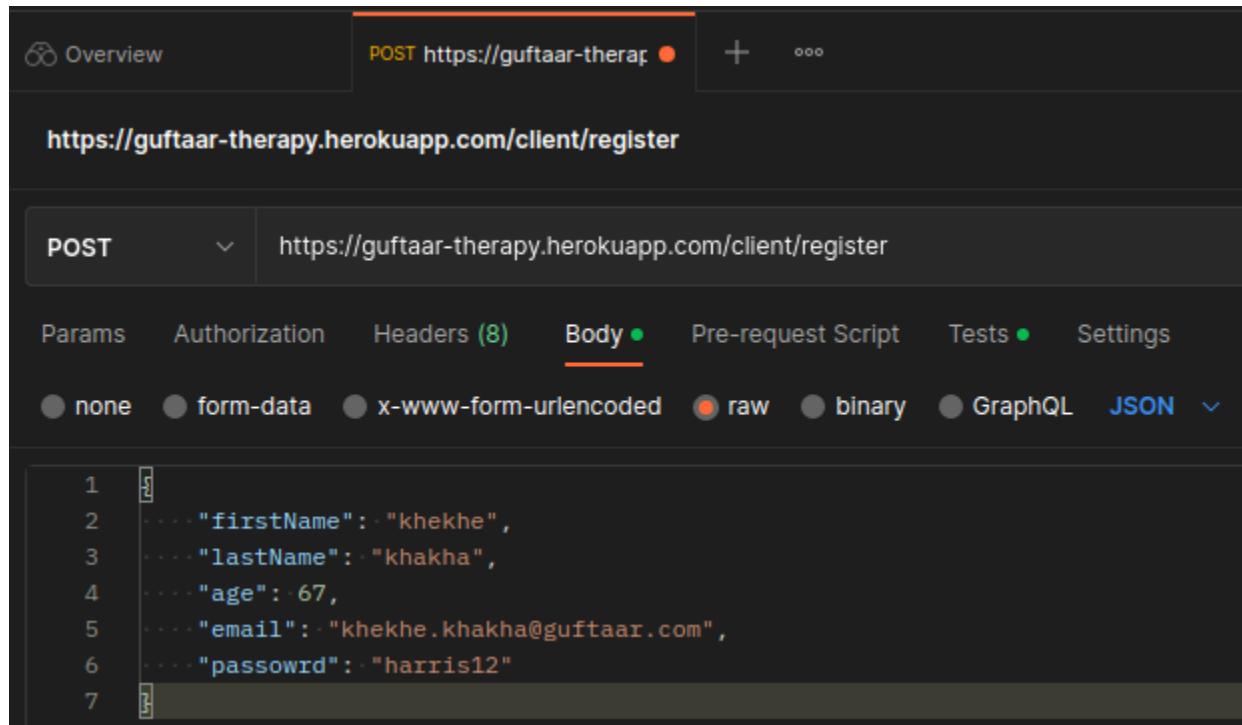
Test for processable response

PASS

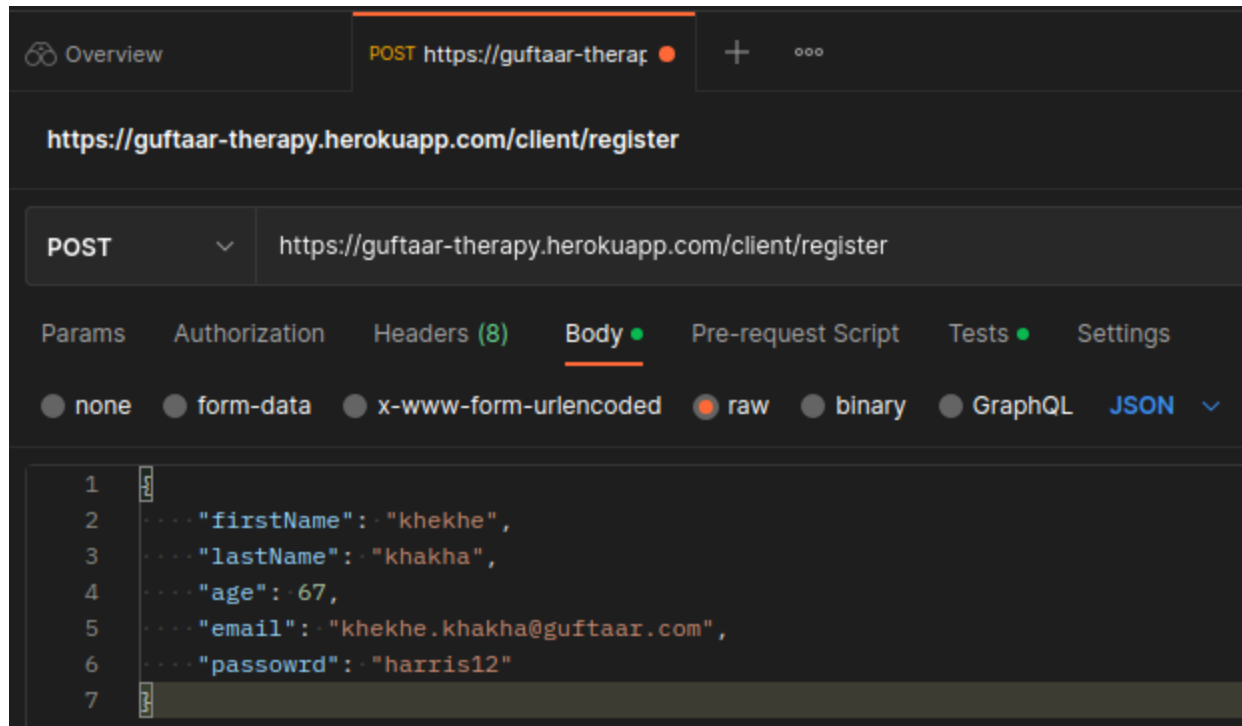
Test for unsuccessful signup

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To demonstrate a successful sign up, we need a new user to register their account on our web application. We've used the following credentials:



After sending the request, the following are the results of the test functions written. Note that the test “Test for unsuccessful sign up” should fail and the test “Test for successful sign up” should pass.



Following are the scripts used for testing:

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POST

▼

https://guftaar-therapy.herokuapp.com/client/register

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests ●

Settings

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 // test to confirm an unsuccessful sign up -- user already registered
8 // pm.test("Test for unsuccessful signup", () => {
9 //   let jsonData = pm.response.json();
10 //   console.log(jsonData);
11 //   pm.expect(jsonData.message).to.eql("We already have an account made with this email")
12 // });
13
14 pm.test("Test for successful signup", () => {
15   let jsonData = pm.response.json();
16   console.log(jsonData);
17   pm.expect(jsonData.message).to.eql("Client registered");
18 })
```

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## Result:

The screenshot displays a REST client interface with a dark theme. At the top, there's a tab labeled "Overview" and another tab labeled "POST https://guftaar-therap...". Below the tabs, the URL "https://guftaar-therapy.herokuapp.com/client/register" is shown. The main area is divided into several sections: "POST" with a dropdown arrow, the same URL, and tabs for "Params", "Authorization", "Headers (8)", "Body", "Pre-request Script", "Tests", and "Settings". The "Tests" tab is selected, showing a list of test cases. The first test case is "Test for processable response", which is marked as "PASS". The second test case is "Test for successful signup", which is also marked as "PASS". Below the test cases, there are filters for "All", "Passed", "Skipped", and "Failed". The "Test Results (2/2)" section shows two tests, both of which passed.

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 // test to confirm an unsuccessful sign up -- user already registered
8 // pm.test("Test for unsuccessful signup" () => {
```

Body Cookies Headers (9) Test Results (2/2) Status

All Passed Skipped Failed

PASS Test for processable response

PASS Test for successful signup

We tested the sign up module of the client under various different conditions such as when we try to register a new account using the credentials of an already registered account, and the same goes for adding a new account to ensure successful registration

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### Test Case 03: coach\_signup\_test

This test case is dependent upon admin\_login\_test, which we will be performing before registering a coach (adding a new coach) since only an authenticated admin is able to add a coach:

The screenshot displays a REST client interface for a POST request to `https://guftaar-therapy.herokuapp.com/admin/login`. The 'Tests' tab is active, showing two test cases that both passed. The first test, 'Test for processable response', checks for a 200 status, OK response, and JSON body. The second test, 'Test for successful admin login', checks that the JSON response contains a 'message' field with the value 'success'. The 'Test Results' section at the bottom shows two 'PASS' results.

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for successful admin login", () => {
8   let jsonData = pm.response.json();
9   console.log(jsonData);
10  pm.expect(jsonData.message).to.eql("success");
11 });
```

Test Results (2/2)

All	Passed	Skipped	Failed
PASS	Test for processable response		
PASS	Test for successful admin login		

The admin has been successfully authenticated and now we can test the coach\_signup\_test. Following is the scenario to demonstrate a successful coach sign up:

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Overview

POST https://guftaar-therap

+ ...

https://guftaar-therapy.herokuapp.com/admin/addCoach

POST

https://guftaar-therapy.herokuapp.com/admin/addCoach

Params

Authorization

Headers (8)

Body

Pre-request Script

Tests

Settings

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for a successful coach sign up", () => {
8   let jsonData = pm.response.json();
9   console.log(jsonData);
10  pm.expect(jsonData.message).toEqual("Coach registered");
11 });
```

Body

Cookies

Headers (9)

Test Results (2/2)

Status: 200 OK Time: 945 m

All

Passed

Skipped

Failed

PASS

Test for processable response

PASS

Test for a successful coach sign up

Now, we'll try registering this account again to demonstrate an unsuccessful sign up:

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The screenshot displays a REST client interface with a dark theme. At the top, a tab shows the request method 'POST' and the URL 'https://guftaar-therapy.herokuapp.com/admin/addCoach'. Below this, the 'Tests' tab is selected, showing a list of test scripts. The first test is 'Test for a successful coach sign up', and the second is 'Test for an unsuccessful coach sign up'. The second test is currently selected and highlighted. The test code for the second test is as follows:

```
5  });
6
7  // pm.test("Test for a successful coach sign up", () => {
8  //    let jsonData = pm.response.json();
9  //    console.log(jsonData);
10 //    pm.expect(jsonData.message).toEqual("Coach registered");
11 //  });
12
13 pm.test("Test for an unsuccessful coach sign up", () => {
14   let jsonData = pm.response.json();
15   console.log(jsonData);
16   pm.expect(jsonData.message).toEqual("email in use")
17 });
```

Below the test code, the 'Test Results' tab is selected, showing the results of the tests. The results are as follows:

Test Results (2/2)
<b>PASS</b> Test for processable response
<b>PASS</b> Test for an unsuccessful coach sign up

On the right side of the interface, there is a sidebar with a 'Snippets' section containing links to 'Get an enviro', 'Get a global v', 'Get a variable', and 'Get a collecti'.

After analyzing the above tests in different scenarios, we can conclude that the sign up and login modules of the coach API works perfectly fine.

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## Test Case 04: coach\_login\_test

Following are the scripts and the result of the test functions that confirm the successful completion of the login module of the coach API.

The screenshot displays a REST client interface with a dark theme. At the top, a tab shows a POST request to `https://guftaar-therapy.herokuapp.com/coach/login`. Below the tab, the URL `https://guftaar-therapy.herokuapp.com/coach/login` is entered. The interface has several tabs: Params, Authorization, Headers (8), Body, Pre-request Script, Tests, and Settings. The 'Tests' tab is selected, showing two test scripts in a code editor:

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for successful coach login", () => {
8   let jsonData = pm.response.json();
9   pm.expect(jsonData.message).to.eql("success");
10 });
```

On the right side of the interface, there is a sidebar with sections for 'Test scripts and are run a received. Lea tests scripts' and 'Snippets' with links like 'Get an enviro', 'Get a global v', 'Get a variable', and 'Get a collecti'.

At the bottom, the 'Test Results (2/2)' tab is selected, showing a summary of the test results:

- PASS** Test for processable response
- PASS** Test for successful coach login

On the far right of the bottom section, the status is shown as **Status: 200 OK**, with **Time: 330 ms** and **Size: 594 B**.

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## Test Case 05: admin\_login\_test

Following are the script functions to demonstrate the successful completion of the admin login functionality:

The screenshot displays a REST client interface with the following details:

- Overview Tab:** Shows the request method as **POST** and the URL as **https://guftaar-therap...**.
- Request URL:** **https://guftaar-therapy.herokuapp.com/admin/login**
- Request Method:** **POST**
- Request Headers:** 8 headers are listed.
- Request Body:** The body is empty.
- Tests Tab:** Contains two test cases:
  - Line 1: `pm.test("Test for processable response", () => {`
  - Line 2: `pm.response.to.have.status(200);`
  - Line 3: `pm.response.to.be.ok;`
  - Line 4: `pm.response.to.be.json;`
  - Line 5: `});`
  - Line 7: `pm.test("Test for successful admin login", () => {`
  - Line 8: `let jsonData = pm.response.json();`
  - Line 9: `console.log(jsonData);`
  - Line 10: `pm.expect(jsonData.message).to.eql("success");`
  - Line 11: `});`
- Test Results Tab:** Shows the results of the tests:
  - Body** | **Cookies** | **Headers (9)** | **Test Results (2/2)**
  - Status:** 200 OK | **Time:** 1047 ms
  - Filters:** All | Passed | Skipped | Failed
  - Test 1:** **PASS** Test for processable response
  - Test 2:** **PASS** Test for successful admin login

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We tested this under an unsuccessful admin login request as well:

The screenshot displays the Postman interface for a POST request to `https://guftaar-therapy.herokuapp.com/admin/login`. The 'Tests' tab is active, showing the following test scripts:

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for unsuccessful admin login", () => {
8   let jsonData = pm.response.json();
9   pm.expect(jsonData.message).to.eql(undefined);
10 });
11
```

The 'Test Results (2/2)' tab is also active, showing the following results:

Test Name	Status
Test for processable response	PASS
Test for unsuccessful admin login	PASS

Additional details visible in the interface include the request status (200 OK), time (340 ms), and size (313 B).

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## Test Case 06: admin\_signup\_test

For automated testing of the sign up module of the app, the following tests are used and attached are their results:

The screenshot displays the Postman interface for a POST request to `https://guftaar-therapy.herokuapp.com/admin/addAdmin`. The **Tests** tab is active, showing two test scripts:

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for unsuccessful admin signup", () => {
8   let jsonData = pm.response.json();
9   pm.expect(jsonData.message).to.eql("email in use");
10 });
11
12
```

Below the test scripts, the **Test Results (2/2)** section shows the following results:

- PASS** Test for processable response
- PASS** Test for unsuccessful admin signup

At the top right, the status is **Status: 200 OK**, with **Time: 1108 ms** and **Size: 319 B**.

Then, we demonstrate a successful sign up attempt:

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The screenshot displays a REST client interface with the following components:

- Overview Tab:** Shows the URL `https://guftaar-therapy.herokuapp.com/admin/addAdmin` and the method `POST`.
- Params Tab:** Empty.
- Authorization Tab:** Empty.
- Headers (8) Tab:** Empty.
- Body Tab:** Empty.
- Pre-request Script Tab:** Empty.
- Tests (2) Tab:** Contains two test cases:

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for successful admin signup", () => {
8   let jsonData = pm.response.json();
9   pm.expect(jsonData.message).to.eql("Admin registered");
10 });
11
12
```
- Settings Tab:** Empty.
- Test Results (2/2) Tab:** Shows the results of the tests:
  - Test for processable response:** PASS
  - Test for successful admin signup:** PASS

We can conclude from the above results that the authentication functionality of the actor “admin” is operating perfectly fine.

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### Test Case 07: view\_client\_dashboard\_test

To view the dashboard of a **registered** client, first we sign in using correct credentials and only then are we able to view the dashboard. For the automated testing of viewing the client dashboard, we have the following scripts:

The screenshot shows the Postman interface for a POST request to `https://guftaar-therapy.herokuapp.com/client/dashboard`. The 'Tests' tab is active, displaying the following test scripts:

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4 });
5
6 // pm.test("Test for successful client login", () => {
7 //   let jsonData = pm.response.json();
8 //   pm.expect(jsonData.message).to.eql("success");
9 // });
10
11 pm.test("Test for viewing client dashboard", () => {
12   pm.response.to.have.status(200);
13   pm.response.to.be.ok;
14 });
15
16
```

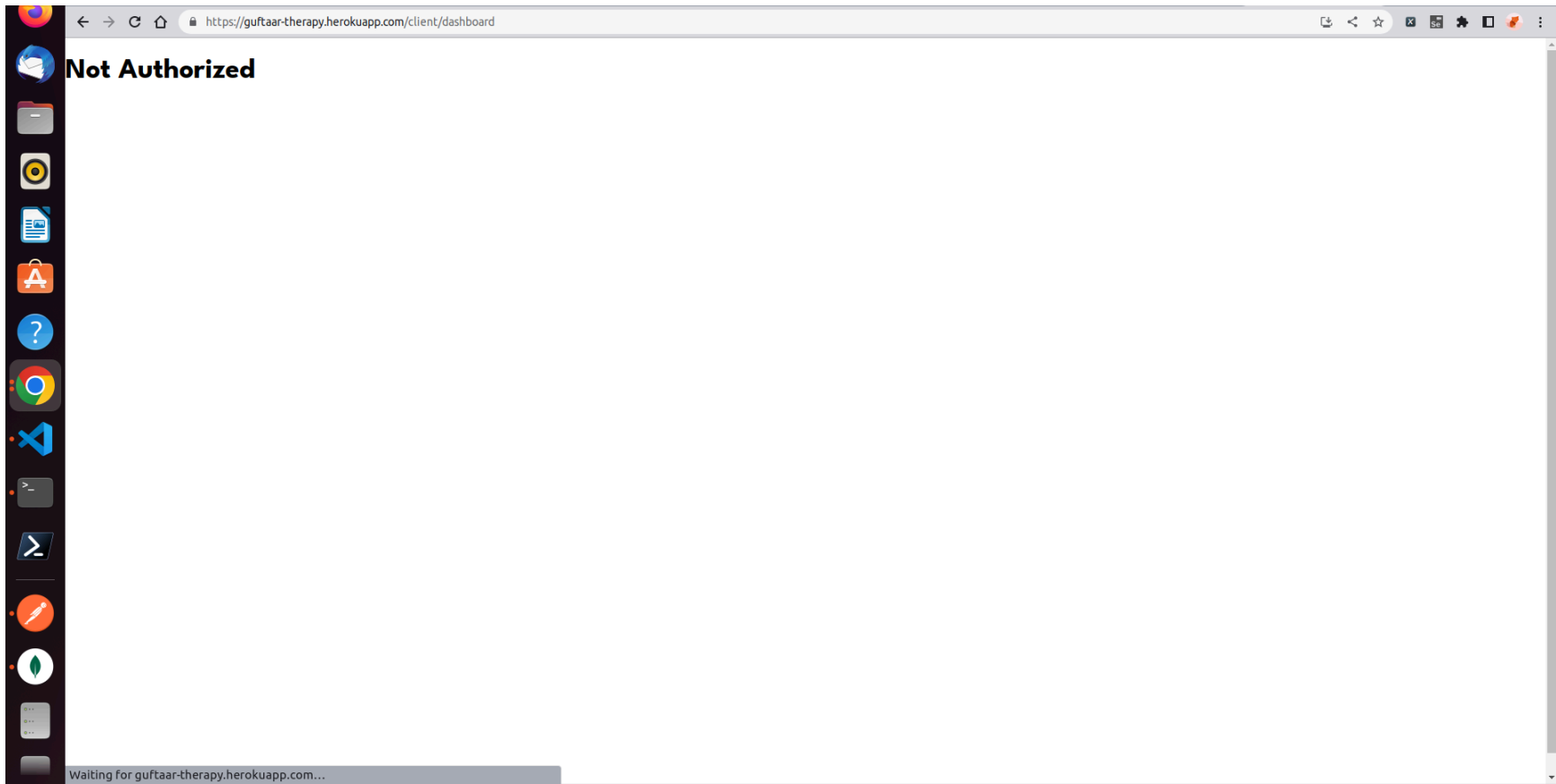
The 'Test Results' tab shows two tests that passed:

- PASS** Test for processable response
- PASS** Test for viewing client dashboard

The status bar at the bottom right indicates: Status: 200 OK Time: 249 ms.

In case of an unsigned client, we observe the following when opened in the web browser. Since we cannot display or visualize react applications in Postman, following is a screenshot from the chrome web browser when no client is signed in:

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### Test Case 08: view\_coach\_dashboard\_test

For the coach to view its dashboard, a user with valid coach credentials needs to login first. After logging in, following are the scripts that automatically test the module:

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POST

https://guftaar-therapy.herokuapp.com/coach/dashboard

Params

Authorization

Headers (7)

Body

Pre-request Script

Tests

Settings

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4 });
5
6 // pm.test("Test for successful client login", () => {
7 //   let jsonData = pm.response.json();
8 //   pm.expect(jsonData.message).to.eql("success");
9 // });
10
11 pm.test("Test for viewing coach dashboard", () => {
12   pm.response.to.have.status(200);
13   pm.response.to.be.ok;
14 });
15
16
```

Body

Cookies

Headers (12)

Test Results (2/2)

Status: 200 OK Time: 256 ms

All

Passed

Skipped

Failed

PASS

Test for processable response

PASS

Test for viewing coach dashboard

In the event of an unsuccessful attempt, a coach would not be logged in and due to routing performed by the react router, the coach will be displayed the same “Not Authorized” page as the one observed by the client.

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### Test Case 09: view\_admin\_dashboard\_test

For the admin to view its dashboard, a user with valid admin credentials needs to login first. After logging in, following are the scripts that automatically test the module:

The screenshot displays a REST client interface with a POST request to `https://guftaar-therapy.herokuapp.com/admin/dashboard`. The 'Tests' tab is active, showing three test cases. The first two tests are commented out, and the third test is active and highlighted. The test results at the bottom show that both the active test and the commented-out test passed.

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4 });
5
6 // pm.test("Test for successful client login", () => {
7 //   let jsonData = pm.response.json();
8 //   pm.expect(jsonData.message).to.eql("success");
9 // });
10
11 pm.test("Test for viewing admin dashboard", () => {
12   pm.response.to.have.status(200);
13   pm.response.to.be.ok;
14 });
15
16
```

Body Cookies Headers (12) **Test Results (2/2)** Status: 200 OK Time: 263 ms

All Passed Skipped Failed

**PASS** Test for processable response

**PASS** Test for viewing admin dashboard

If an unauthenticated admin tries to view the dashboard, they will be directed to the same “Not Authorized” middleware page.

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#### Test Case 10: get\_client\_dashboard\_details

**Note: We have such routes for the coach and admin dashboard as well and the notion of retrieving information from the database is the same, so we won't be designing separate test cases for them.**

For this, we send a request to the

<https://guftaar-therapy.herokuapp.com/client/getClientDashboardDetails> which is not a direct endpoint but an internal route to fetch the details from the database and display them to the client.

Upon successful completion of the request, we get the following response from the server which implies that the inner API endpoints are also working perfectly fine.


https://guftaar-therapy.herokuapp.com/client/getClientDashboardDetails


POST ▼ https://guftaar-therapy.herokuapp.com/client/getClientDashboardDetails

Params Authorization Headers (8) **Body** ● Pre-request Script Tests ● Settings

☐ none ☐ form-data ☐ x-www-form-urlencoded ☒ raw ☐ binary ☐ GraphQL JSON ▼

```
1 {
2   ... "email": "roshni.khurrana@gmail.com"
3 }
```

Body Cookies Headers (9) Test Results (1/1)  Status: 200 OK Time: 987 ms

Pretty Raw Preview Visualize JSON ▼ 

```
1 {
2   "_id": "644aa53890573f201308c745",
3   "firstName": "Roshni",
4   "currentActiveCourse": ""
5 }
```

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**Test Case 11: view\_coaches\_test**

For automated testing of viewing the coaches directly from the navigation bar in the client's dashboard, we've used the following test scripts, and associated is the response from the server. Based on which, we can conclude that the server successfully fetches information from the database and displays it to the client.

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https://guftaar-therapy.herokuapp.com/client/coaches

GET https://guftaar-therapy.herokuapp.com/client/coaches

Params Authorization Headers (8) Body ● Pre-request Script Tests ● Settings

```
1 pm.test("Test for processable response", () => {
2   pm.response.to.have.status(200);
3   pm.response.to.be.ok;
4   pm.response.to.be.json;
5 });
6
7 pm.test("Test for successful view coaches route", () => {
8   let jsonData = pm.response.json();
9   console.log(jsonData);
10 });
```

Test and receive test Snippets Get Get Get

Body Cookies Headers (9) Test Results (2/2) Status: 200 OK Time: 915 ms Size:

Pretty Raw Preview Visualize JSON

```
1 [
2   {
3     "_id": "643ed0a6f6a52e532c1f5403",
4     "firstName": "Romessa",
5     "lastName": "Shah",
6     "qualification": "i am qualified",
7     "yearsOfExperience": 3,
8     "email": "harris@guftaar.com",
9     "rating": 1
10  },
11  {
12    "_id": "643ffdd1ffd5b00f3776a674",
13    "firstName": "Romessa"
```

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