

<b>Project:</b> Mobile App for Health Monitoring Analytics	
<b>Name:</b> DiaLog	
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<b>Front End Software Engineer:</b> Aaron Massey	
<b>Back End Software Engineer:</b> Andres Ventura	
<b>Back End Software Engineer:</b> Saul Cubillo	
Prototype	General Information
<b>Login/Sign Up Use Case</b>	
<p>Test Case #1</p> <ul style="list-style-type: none"> <li>When creating a new user, does the program save their authentication data in the Firebase database? Test by creating a new user and checking the database.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass Comment: The new user authentication data is saved in the database.</p>
<p>Test Case #2</p> <ul style="list-style-type: none"> <li>When creating a new user, does the program send an error when trying to register a new account with an email that has already been used to create an account? Test by creating a new user with existing email.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass Comment: The program did send an error stating that the email was already in use.</p>
<p>Test Case #3</p> <ul style="list-style-type: none"> <li>When logging in, does the program log the user in when the correct email and password is entered? Test by logging in with the correct email and password.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass Comment: The program does log the user in.</p>
<p>Test Case #4</p> <ul style="list-style-type: none"> <li>When logging in, does the program log the user in when the incorrect password or email is entered? Test by</li> </ul>	<p>Name: Eduard Date: 4-9-23 Pass/Fail: Pass Comment: The program does not let the user</p>

entering incorrect email and incorrect password.	log in when the email was correct but password was incorrect, when the email was incorrect and password was correct, and when both email and password were incorrect.
<b>Calculator Use Case</b>	
<p>Test Case #1</p> <ul style="list-style-type: none"> <li>When using the calculator, does toggling between “Yes” and “No” change the value that is calculated? Test by calculating with “Yes” toggled on and then with “No” toggled on.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Fail Comment: The program doesn’t have code implemented yet that changes the value that is calculated depending on if it’s toggled on “Yes” or “No” yet.</p>
<p>Test Case #2</p> <ul style="list-style-type: none"> <li>When using the calculator, does text appear with the correct value when the “Calculate” button is pressed? Test by inputting a value and pressing Calculate.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass Comment: When the “Calculate” button is pressed, it displays in text the correct calculated value.</p>
<p>Test Case #3</p> <ul style="list-style-type: none"> <li>When using the calculator, does the calculated value change when a new value is entered?</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass Comment: When the value that’s entered is changed and the “Calculate” button is pressed again, the calculated value does change.</p>
<b>Graph Use Case</b>	
<p>Test Case #1</p> <ul style="list-style-type: none"> <li>When using the graph, does it display the past mmol values that the user has calculated? Test by looking at the value shown by the graph.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Fail Comment: The graph is currently not connected to the database so the values seen are currently static.</p>
<b>User Information Use Case</b>	
<p>Test Case #1</p> <ul style="list-style-type: none"> <li>When entering user information, if it’s the first time the information is being entered, is a new document being created in the database to hold the information? Try by entering data on a</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass Comment: A new document was created for the user to hold their data in the database.</p>

brand new user.	
<p>Test Case #2</p> <ul style="list-style-type: none"> <li>When entering user information, if the user already exists and new data is entered, does the information update in the database? Test by entering new values and saving it.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass</p> <p>Comment: When the values were changed and saved, the values in the database updated to the new entered values.</p>
<p>Test Case #3</p> <ul style="list-style-type: none"> <li>When on the user information view, is data from the database about the user displayed? Test by signing out and logging back in to see if saved data is displayed.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Fail</p> <p>Comment: Although the data is saved, there currently isn't a way to read the data from the database and display it to the user.</p>
<b>Tab View Use Case</b>	
<p>Test Case #1</p> <ul style="list-style-type: none"> <li>Does the current view change when a different tab is clicked? Test by clicking the three tabs at the bottom of the screen.</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass</p> <p>Comment: When each tab at the bottom is pressed, the screen changes to the corresponding view page.</p>
<p>Test Case #2</p> <ul style="list-style-type: none"> <li>When using the app, does the "Sign Out" button sign the user out and take them back to the login page? Try to pressing on "Sign Out" button</li> </ul>	<p>Name: Eduardo Date: 4-9-23 Pass/Fail: Pass</p> <p>Comment: When the "Sign Out" button is pressed, it signs out the user and takes them back to the login page.</p>