Test Case Planning

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1. Use Case 1 - *Log Daily Mood*

Test Case ID	TC01 - Successful Log In
Test Objective	**Ensure that the system allows for a patient to login if they type in the correct credentials**
Preconditions	- the app is already installed and the user is on the login screen - the users account exists in the database - the user has stable connection
Test steps	1.Enter Valid Email 2. Enter Valid Password 3. Tap Login
Input Values	Email: _____ password:_____
Expected results	User is successfully logged in and navigated to the mood screen

Test Case ID	TC02 - Unsuccessful Log In
Test Objective	If login fails due to an incorrect username/password, the screen should display an error message
Preconditions	-the login page is available -the users account already exists
Test steps	1.Enter Valid Email 2.Enter Incorrect Password 3.Tap Login
Input Values	Email:_____ Password:_____ (which is incorrect)
Expected results	-Login fails -error message displayed (email or password is incorrect) -screen remains on the login page

Test Case ID	TC03 - Successful Mood Streak Update

Test Objective	Verify that the system correctly updates the User's streak count after a successful daily mood log
Preconditions	- Patient has already logged in successfully - Patient has logged their mood for *n* consecutive days in a row. - Its a new day and the patient has not yet logged a mood entry for the day
Test steps	1. Navigate to the log mood page 2. Select a valid mood score 3. Tap Submit 4. View the updated streak counter on the confirmation page or dashboard
Input Values	Mood = 4 (valid input)
Expected results	- System saves the new mood entry successfully - Streak counter increases by 1 - A confirmation message appears "Mood logged successfully, you are on a 4 day streak"

Test Case ID	TC04 - Mood Streak Number Too Large
Test Objective	**Validate that the mood streak counter will not increase once the threshold of four digits is reached, and the screen will display an error message.**
Preconditions	- The user is logged in - The user is on the mood logger screen - The user's streak number is already at 999
Test steps	1. Select a Mood 2. Tap Save
Input Values	Mood = 4 (valid input)
Expected results	The streak number fails to update, and an error message is displayed.