Test Case Planning

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1. Use Case 1 - *<<Create User Account>>*

Test Case ID	TC01 -
Test Objective	**Create Username**
Preconditions	Data of past usernames to make sure all are unique Requirements for username
Test steps	1. Enter unique username matching requirements into the box. 2. Click "Submit." 3. Expect prompt verifying username works and to now enter a password.
Input Values	String with at least one uppercase letter and between 5 and 50 characters.
Expected results	The system should verify that the username works and allow the user to go to the create password page.

Test Case ID	TC02 -
Test Objective	**Verify error handling if username/email already exists.**
Preconditions	Another account exists with the same email
Test steps	1. Enter your existing email and password 2. Click "submit."
Input Values	existing email: "example@gmail.com"
Expected results	Error message prompts user to choose a different username/email.

Test Case ID	TC03 -
Test Objective	**Creating a password**
Preconditions	The user is creating a new account and has already chosen a username
Test steps	1. Input a new password. 2. Press "Create Password"

	3. Check if it is a valid password by making sure it meets these requirements: Password has at least 10 characters made up of [A-Z-a-z-0-9] and has at least one number. 4. Print out "Accepted"
Input Values	String that is [A-Z-a-z-0-9] "Firstname45!"
Expected results	Accept and create the password.

Test Case ID	**TC04 -**
Test Objective	**Ensure Username has valid characters**
Preconditions	Set of characters input by the user
Test steps	1. Input a new username 2. Press "submit" 3. Check if it has valid characters ([A-Z-a-z0-9], less than 50 characters but greater than 5 characters, and starts with a capital letter). 4. Create a username with valid characters.
Input Values	String that consists of [A-Z-a-z0-9] "Smith25"
Expected results	Create a username with the input string.