


Test Case	User Stories	Feature	Description
1	Unique Usernames	<b>Usernames are unique</b>	No two users may register under the same username
2	Need to make an account to use app	<b>User can register an account</b>	A user can create an account for the app
3	Need to make an account to use app	<b>Missing fields pop up</b>	Checks if all required information was entered on the registration form
7	Need to make an account to use app	<b>Password Validation</b>	Check the password for less value than minimum
8	Need to make an account to use app	<b>Password Validation</b>	Check the password for more value than maximum
9	Need to make an account to use app	<b>Password Validation</b>	Check the password without alphanumeric characters
11	Need to make an account to use app	<b>Password Validation</b>	Check by entering an alphanumeric password more than 8 characters
12	Need to make an account to use app	<b>User Interface</b>	Test the tab functionality
14	Need to make an account to use app	<b>User Interface</b>	Test the various fields for cursor
15	Full Challenge Customization	<b>Challenge Creation</b>	Test that challenge form opens up
16	Full Challenge Customization	<b>Challenge Creation</b>	Test valid input for challenge name
17	Challenge length and interval customization	<b>Challenge Creation</b>	Test valid input for start date
18	Challenge length and interval customization	<b>Challenge Creation Individual and Team Challenges</b>	Test valid input for end date
19	Individual or team challenge	<b>Challenge Creation</b>	Check to make sure coach has an option to make a challenge team-oriented or not
20	Individual or team challenge	<b>Challenge Creation</b>	Check to make sure coach has an option to make a challenge team-oriented or not
	Illustrate list of challenges led	<b>Challenge display</b>	Challenge previously led are displayed

Ranking system by difficulty, set by coach	<b>Challenge Creation</b>	Coach can set difficulty of challenge
Ranking system by difficulty, set by coach	<b>Challenge Creation</b>	Checks for difficulty less than 1
Ranking system by difficulty, set by coach	<b>Challenge Creation</b>	Checks for difficulty more than 3
Change Username and password	<b>User data</b>	Able to change username
Change Username and password	<b>User data</b>	Able to change password

Steps	Test Data	Expected Results
Fill out the register form two times with the same username for both	username1 = VCStudent Username2 = VCStudent	Message pops up saying username is taken Upon full completion of the form the user will be registered in the database with a success message popping up
The user will fill out a registration form and press the submit button to register	NA	
User leaves fields blank and presses submit	All fields are blank	Message pops up saying missing required fields It should prompt the user with a message telling them to reenter information
Enter a password with less than 8 characters	HelloWorld	It should prompt the user with a message telling them to reenter information
Enter a password with more than 16 characters	Helloworldinawesomeway	It should prompt the user to enter a password having alphanumeric characters
Enter a password between 8 to 16 characters but non-alphanumeric	HelloWorld	
Enter an alphanumeric password more than 8 characters	HelloWorld@123	It should not give any error and signup should be successful
Press the tab button	NA	It should help the user to navigate between the fields The cursor should adjust according to the field like  , hand cursor, pointer, etc.
Point the cursor to various fields like text input, button, dropdown	NA	
When the create challenge button is selected, the challenge form opens up	NA	The challenge form pops up
When creating a challenge, leave the challenge name field blank	NULL	Message pops up telling user to enter all info
Click on field for start date to open up calendar to pick a starting date	4/1/2019	Calendar pops up and upon clicking a date, the corresponding edit text is updated
Click on field for end date to open up calendar to pick an end state	5/1/2019	Calendar pops up and upon clicking a date, the corresponding edit text is updated
On the form, click on the team radio button to make a challenge team oriented	NA	When option for team is selected, challenge will be stored in database as a team
On the form, click on the single radio button to make a challenge single oriented	NA	When option for single is selected, challenge will be stored in database as a single challenge
On the coach profile, when click on the show previous challenges button, all previous challenges are shown	NA	All challenges previously led are shown

Coach enters in the number 1 into the difficulty box	1 is entered in as the difficulty level 1 into the database
Coach enters in the number 0 into the difficulty box	Message pops up saying invalid 0 number
Coach enters in the number 4 into the difficulty box	Message pops up saying invalid 4 number
User clicks on change username button and enters a new user name and clicks submit	username is changed to "newUsername" in database for that user
User clicks on change password button and enters a new user password and clicks submit	the password is changed to "password" in the database for that user

Actual Result	Status
Message pops up saying username is taken	Pass
When user clicks register a success message appears	Pass
Message pops up saying missing required fields	Pass
pop up telling user to reenter information	Pass
pop up telling user to reenter information	Pass
pop up telling user to reenter information	Pass
Registration is successful	Pass
Tabs navigate UI	Pass
The cursor works as intended	Pass
The challenge form pops up	Pass
Message pops up telling user to enter all info	Pass
Calendar pops up and upon clicking a date, the corresponding edit text is updated	Pass
Calendar pops up and upon clicking a date, the corresponding edit text is updated	Pass
Database stores challenge as a team challenge	Pass
Database stores challenge as a single challenge	Pass
All challenges previously led are shown	Pass

1 is the value in the database

Pass

Message pops up saying invalid number

Pass

Message pops up saying invalid number

Pass

username not changed

Pass

password not changed

Pass