

Test Case	User Stories	Feature	Description
1		User Interface	Check all buttons, radio buttons, checkboxes
2		Required Fields	Check all required fields by not entering the data
3		Required Fields	Check all fields by entering the data and validating
4		Optional Fields	Check all optional fields by entering the data
5		Optional Fields	Check all optional fields by not entering the data
6		Optional Fields	Check by filling some optional fields and leaving some
7	Need to make an account to use app	Password Validation	Check the password for less value than minimum
8	Need to make an account to use app	Password Validation	Check the password for more value than maximum
9	Need to make an account to use app	Password Validation	Check the password without alphanumeric characters
10	Need to make an account to use app	Password Validation	Check the password with alphanumeric characters but without special character
11	Need to make an account to use app	Password Validation	Check by entering an alphanumeric password between 8-16 characters and a special character
12	Need to make an account to use app	User Interface	Test the tab functionality
13	Need to make an account to use app	User Interface	Test the Enter Button
14	Need to make an account to use app	User Interface	Test the various fields for cursor
15	Full Challenge Customization	Challenge Creation	Test that challenge form opens up
16	Full Challenge Customization	Challenge Creation	Test valid input for challenge name
17	Full Challenge Customization	Challenge Creation	Test valid input for start date
18	Full Challenge Customization	Challenge Creation	Test valid input for end date
19	Full Challenge Customization	Individual and Team Challenges	Check to make sure coach has an option to make a challenge team-oriented or not

20	Full Challenge Customization	Challenge Creation	Test invalid input for start date
21	Full Challenge Customization	Challenge Creation	Test invalid input for end date
22	Full Challenge Customization	Challenge Creation	Test valid input for challenge description
23	Full Challenge Customization	Challenge Creation	Test valid input for difficulty
24	Full Challenge Customization	Challenge Creation	Test valid input for challenge type
25	Full Challenge Customization	Challenge Creation	Test valid input for minimum team size
26	Full Challenge Customization	Challenge Creation	Test valid input for maximum team size
27	Full Challenge Customization	Challenge Creation	Test invalid input for minimum team size
28	Full Challenge Customization	Challenge Creation	Test invalid input for maximum team size
29	Full Challenge Customization	Challenge Creation	Test valid input for rep range
30	Full Challenge Customization	Challenge Creation	Test invalid input for rep range
31	Athletes can join as many challenges as they like	Athlete Challenge Signup	Test joining multiple challenges
32	Athletes can make their own teams	Athlete Team Challenge Creation	Test creating a team
33	Athletes can make their own teams	Athlete Team Challenge Creation	Test invalid team name
34	Athletes can make their own teams	Athlete Team Challenge Joining	Test joining team

35	Athletes can not join more than one team per challenge	Athlete Team Challenge Creation	Test creating team when in a team
36	Athletes can not join more than one team per challenge	Athlete Team Challenge Joining	Test joining a team when in a team
37	Athletes can not join a challenge is it is at the maximum size	Athlete Team Challenge Joining	Test joining a full team
38	Search challenges by start date, coach, challenge name, open teams, type of challenge	Searching Challenges	Test a search with no criteria
39	Search challenges by start date, coach, challenge name, open teams, type of challenge	Searching Challenges	Test a search by start date

Steps	Test Data	Expected Results
Click on all buttons and check if they are working or not	NA	UI should be perfect
Do not enter any value in mandatory field and click on signup	NA	* should show asking for mandatory field
Enter all the mandatory fields and click sign up	NA	User should be signed up, A succesful registration mesage should be sent along with a mail
Fill the optional fields and click on sign up	NA	A successful registration should happen
Don't fill the optional fields and click on sign up	NA	A successful registration should happen, user should not be prompted to fill the optional fields
Fill some optional fields and leave some optional fields and click on sign up	NA	A successful registration should happen, user should not be prompted to fill the optional fields
Enter a password with less than 8 characters	HelloWorld	It should prompt the user to enter a value between 8 to 16 characters
Enter a password with more than 16 characters	Helloworldinanawe someway	It should prompt the user to enter a value between 8 to 16 characters
Enter a password between 8 to 16 characters but non-alphanumeric	HelloWorld	It should prompt the user to enter a password having alphanumeric characters
Enter an alphanumeric password between 8 to 16 characters but without special character	HelloWorld123	It should prompt the user to enter a valid password having a special character
Enter an alphanumeric password between 8-16 characters and having a special character	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
Press the enter button while selection for Signup is made	NA	The enter should act as a substitute for the click and user should be successfully signed up.
Point the cursor to various fields like text input, button, dropdown	NA	The cursor should adjust according to the field like I, hand cursor, pointer, etc.
When the create challenge button is selected, the challenge form opens up	NA	The Challenge Form UI should display, with all options for customization visible.
When creating a challenge, leave the challenge name field blank	NULL	When hitting the Add Challenge button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
Click on field for start date to open up calendar to pick a starting date	4/1/2019	When the challenge is created, it will start automatically on the selected date.
Click on field for end date to open up calendar to pick an end state	5/1/2019	When the challenge is created, it will end automatically on the selected date.
On the form, click on the team radio button to make a challenge team oriented	NA	When the challenge is created, it will be open to teams of the designated size range when it opens and only those.

Select a starting date in calendar that has already passed		4/1/2017	When hitting the Add Challenge Button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
Select an end date in calendar that is before the starting date		3/1/2019	When hitting the Add Challenge Button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
When creating a challenge, leave the challenge description field blank	NULL		When hitting the Add Challenge Button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
When creating a challenge, select 3 stars of difficulty	***		When the challenge is created, it will have a difficulty of 3.
When creating a challenge, select 'Lifting' from the dropdown for challenge type	Lifting		When the challenge is created, it will have the Lifting type
When creating a challenge, click on the team radio button and input 3 for minimum team size		3	When the challenge is created, it will have a minimum team size of 3
When creating a challenge, click on the team radio button and input 5 for maximum team size		5	When the challenge is created, it will have a maximum team size of 5
When creating a challenge, click on the team radio button and input -1 for minimum team size		-1	When hitting the Add Challenge Button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
When creating a challenge, click on the team radio button and input 4 for minimum team size and 2 for maximum team size		4, 2	When hitting the Add Challenge Button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
When creating a challenge, input 5 for rep range		5	When the challenge is created, it will require 5 of the described reps per interval
When creating a challenge, input -2 for rep range		-2	When hitting the Add Challenge Button, a challenge will not be created and a warning will be displayed saying that the field is not valid.
Join a challenge, and then join another challenge	NA		Any number of challenges can be successfully joined.
When joining a team challenge and creating a team, input ValidTeam as team name, and then press the create team button	ValidTeam		A team named ValidTeam is created for the challenge, and the Athlete who created it automatically joins it
When joining a team challenge and creating a team, input no text in the team name field, then press the create team button			When hitting the Create Team button, no team is created and a warning will be displayed saying that the team name is not valid.
When joining a team challenge and joining an existing team, click on a team, then click the join team button	NA		When hitting the Join Team button, the user is added to the team

When joining a team challenge and creating a team while already in another team, input ValidTeamName in the team name field, then press the create team button

ValidTeamName

When joining a team challenge and joining an existing team while already in another team, click on a team, then click the join team button

NA

When joining a team challenge and joining an existing team that is already at the maximum size for the challenge, click on the join team button

NA

When searching for a challenge, select no criteria and hit the search button

When hitting the Create Team button, no team is created and a warning will be displayed saying that the Athlete is already in a team for this Challenge.

When hitting the Join Team button, the user is not added to the team and a warning will be displayed saying that the user is already in a team for this Challenge.

When hitting the Join Team button, the user is not added to the team and a warning will be displayed saying that the team is already at its maximum size.

All currently available challenges will be displayed

When searching for a challenge, select no criteria and hit the search button

Will display all the challenges

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