

Project 19 Black Box Test Plan

Test Case Number	Description of Test/Inputs/Instructions	Expected Output
1	Click create account button, enter necessary information in order to create an account	Direct to registration page, on account creation displays message saying it was successful, then if successful redirects to landing page.
2	Click login button, enter login information	Direct to login page, then on success directs to user's dashboard
3	Click login button, enter incorrect login information	Direct to login page, then displays error
4	Click "connect your project", enter information and submit the link repository form	Direct to add repository page, on success displays information on whether linking is successful
5	Click "connect your project", enter incorrect information and submit the link repository form	Direct to add repository page, on failure, displays error
6	Click the "tips" button	Displays graph and text information about the flow of the tester
7	Click the "set time interval" button, type in a time interval	Sets GitHub Polling time
8	Click the "set time interval" button, type in an incorrect time interval (negative, too short)	Displays error
9	In repository info, enter server information	Website's server is connected to the user's project server
10	In repository info, enter incorrect server information	Displays error
11	Make modification to a linked project's server configuration	Web browser sends a notification, error text is displayed
12	Make a commit on a linked project into the master branch	Code is compiled once website detects changes at the user specified polling time, alpha tests are run, and changes are deployed to alpha.
13	Make a commit on a linked project into the master branch that causes alpha tests to fail.	On failure of tests, deployment stops and logs are generated specifying failed

		tests.
14	Select a repository from the website to see test progress	Test progress logs are displayed
15	Select a repository from the website to see test logs	Test logs are displayed
16	Click remove repository monitoring	Polling stops and a message is displayed about the result of the operation
17	Click the logout button	User is logged out
18	Click refresh after clicking the logout button	User should still be logged out
19	Click the back button after clicking logout button	User should still be logged out