**Test\_ToDo\_Register**

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| **Test Name** | **Description** | **Input Variables** | **Expected Outcomes** | **Actual Outcomes** |
| Existing User sign up | Test to see if an existing user can sign up | Username: team5  Password:  Password123 | Remains on the same page  Error Message:  A user with that username already exists. | Remains on the same page  Error Message:  A user with that username already exists. |
| New Sign Up with Invalid Username & Valid Password  - More than 150 characters | Test to see if the user can register with a username that is over the limit of 150 Characters | Username:  Team5isatngeeannpolytechnic123456789008uyhtgfdcxvbnmefdsrht56rt24ghrwgh8wgh5thj5t8j589hathpe57hwor9aoghbvr89wthfeviFn4w085735trg4hqgnRWUgfgf7efehf8ehf54321  Password: Password123  Confirm Password:  Password123 | Remains on the same page  Error Message:  Username should contain 150 or less characters including the use of letters, digits and characters such as @.+-\_ | Program does not allow user to enter more than 150 characters, trying to add more characters does not do anything.  New user signed up as “Team5isatngeeannpolytechnic123456789008uyhtgfdcxvbnmefdsrht56rt24ghrwgh8wgh5thj5t8j589hathpe57hwor9aoghbvr89wthfeviFn4w085735trg4hqgnRWUgfgf7efehf8ehf”, which cuts off “54321” at the end to make it exactly 150 characters long. |
| New Sign Up with Valid Username & Valid Password  - Exactly at 150 characters for Username |  | Username:  Team5isatngeeannpolytechnic123456789008uyhtgfdcxvbnmefdsrht56rt24ghrwgh8wgh5thj5t8j589hathpe57hwor9aoghbvr89wthfeviFn4w085735trg4hqgnRWUgfgf7efehf8ehf  Password: Password123  Confirm Password:  Password123 | Redirected to Login page, should be able to log in as the new user. | Redirected to Login page, was able to login afterwards and redirect to To-Do page. |
| New Sign up with Valid Username & Invalid Password  - less than 8 characters | Test to see if the user can create an account with a password that does not meet the requirement of at least 8 characters | Username: team52  Password:  Passwor  Confirm Passwor:  Passwor | Remains on the same page  Error Message:  “Password should contain at least 1 upper case letter, 1 lower case letter, and 1 number and at least 8 characters while not being numerical completely” | Remains on the same page  Error Message:  “Password should contain at least 1 upper case letter, 1 lower case letter, and 1 number and at least 8 characters while not being numerical completely” |
| New Sign up with Valid Username & Invalid Password  - entirely numerical | Test to see if the user can create an account with a password that does not meet the requirement of being not being numerical completely | Username: team52  Password:  12345678  Confirm Password:  12345678 | Remains on the same page  Error Message:  “This password is entirely numeric.” | Remains on the same page  Error Message:  “This password is entirely numeric.” |
| New Sign up with empty username | Test to see if user can create an account without a username | Username:  Password: Password12345  Confirm Password:  Password12345 | Remains on the same Page  Error Message:  “Please enter a username.” | Remains on the same Page  Error Message:  “Please fill out this field.” shown at username box. |
| New Signup with an empty password | Test to see if user can create an account without a username | Username: team52  Password:  Confirm Password: | Remains on the same Page  Error Message:  “Please enter a password.” | Remains on the same Page  Error Message:  “Please fill out this field.” shown at password box. |
| New Signup with invalid confirmation of password  - Password does not match | Test to see if user can register with a confirmation of password that does not match with password that is keyed in | Username: team52  Password:  Password12345  Confirm Password:  Password123 | Remains on the same page.  Error Message:  “Password does not match.” | Remains on the same page.  Error Message:  “The two password fields didn’t match.” |
| New Signup with invalid confirmation of password  - Confirm Password is empty | Test to see if user can register with a confirmation of password that does not match with password that is keyed in | Username: team52  Password: Password123  Confirm Password: | Remains on the Same Page  Error Message:  “Please Repeat Password” | Remains on the Same Page  Error Message:  “Please fill out this field.” at Confirm Password box |
| Successful new signup | Test to see if user can create an account while satisfying the requirements | Username: team52  Password:  Password12345  Confirm Password:  Password12345 | Redirected to Login page, should be able to log in as the new user. | Redirected to Login page, was able to login afterwards and redirect to To-Do page. |

**Test\_ToDo\_Filter (Manual)**

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| View team5’s To-Do list | Test to see if able to login as the user “team5” and access their To-Do list | Username: team5  Password: Password123 | Redirected to To-Do Page.  All of team5’s To-Do items are listed on the page. | Redirected to To-Do Page.  All of team5’s To-Do items are listed on the page. |
| View otheruser’s To-Do list | Test to see if able to login as the user “otheruser” and access their To-Do list | Username: otheruser  Password: 2+2=five | Redirected to To-Do Page.  All of otheruser’s To-Do items are listed on the page. | Redirected to To-Do Page.  All of otheruser’s To-Do items are listed on the page. |
| View otheruser’s To-Do list as team5 | Test to see if able to login as the user “team5” and access “otheruser”’s To-Do list | Username: team5  Password: Password123 | Redirected to To-Do page.  otheruser’s To-Do items should not show up on the page | Redirected to To-Do page.  otheruser’s To-Do items do not show up on the page |
| View team5’s To-Do list as otheruser | Test to see if able to login as the user “otheruser” and access “team5”’ To-Do list | Username: otheruser  Password: 2+2=five | Redirected to To-Do page.  team5’s To-Do items should not show up on the page | Redirected to To-Do page.  team5’s To-Do items do not show up on the page |

**Test\_Add\_Timestamps (Manual)**

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| Timestamps on all items | Test to see if there are timestamps added to all new items added to To-Do list | “Test Timestamp”  Click on Add button | Timestamp should show next to new added item | Timestamp is shown next to new added item |

**Test\_Auto\_Archive (Manual)**

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| Adding of new item shows up in History | Test to see if newly added items get added to the History page | “Test History”  Click on Add button | Item should be added to To-Do page with a timestamp  Item should also be added to History page with a timestamp | Item is added to To-Do page with a timestamp  Item is also added to History page with a timestamp |
| Deleting of item shows up in History | Test to see if deleted items get added to the History page | Clicking Delete button on “Test History” item | Item should be removed from To-Do page  Item should be added to History page with a timestamp | Item is removed from To-Do page  Item is also added to History page with a timestamp |

Total: 17 Test Cases