**Test Scenarios**

Test Scenario: User Login (test\_Admin.py)

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| Test Scenario | Test Description | Test Values | Expected Outcome | Actual Outcome | Justification |
| 1 | User log in with empty username and pass word | Username: “” Password: “” | Remain on the same page and tab remains “Log in | Django site admin”  Username input displays required error: “Please fill up this field”.  Password field did not display anything | Remain on the same page “http://localhost:8000/a dmin/login/?next=/admi n/” |  |
| 2 | User log in with username and empty password | Username “peter”    Password: ”” | Password input displays required error: “Please fill up this field”. | Remain on the same page “http://localhost:8000/a dmin/login/?next=/admi n/” |  |
| 3 | User log in with right password and empty username | Username: “” Password: password | Username input displays required error: “Please fill up this field”.    Password field did not display anything | Remain on the same page “http://localhost:8000/admin/login/?next=/admi n/” |  |
| 4 | User logs in with right username and wrong password | Username: peter    Password: %&$\*# | Remain on the same page. Error displays: “Please enter the correct username and password for a staff account. Note that both fields may be case-sensitive.” | Remain on the same page “http://localhost:8000/admin/login/?next=/admi n/”    Error displays “Please enter the correct username and password for a staff account. Note that both fields may be case-sensitive.” |  |
| 5 | To test when the user logs in with wrong username and password | Username: %^&\*()%$#@#& \*&\*&$\_+++++&&&&?????/ #\*    Password: %%%%% | Remain on the same page.    Error displays: “Please enter the correct username and password for a staff account. Note that both fields may be case sensitive.”  Remain | Remain on the same page: “http://localhost:8000/admin/login/?next=/admi n/”    Error displays: “Please enter the correct username and password for a staff account. Note that both fields may be case sensitive.” |  |
| 6 | User logs in with the right username and right password | Super User:    Username: peter Password: password    Username: jfiner Password: password    Username: john Password: password1 | Redirects to http://localhost:8000/admin/. | Redirects to http://localhost:8000/admin/. |  |

Test Scenario: Adding and Deleting in todo page (localhost:8000/todo/)

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| Test Scenario | Test Description | Test  Values | Expected Outcome | Actual Outcome | Justification |
| 1 | To test clicking on the “Add” button without entering any words in the input textbox | Click “Add” button | Displays a pop up “Unable to add!” | Remain on the same page  <http://localhost:8000/todo/> Displays page title: **this is the todo page.**  On top of the todo textbox with its “Add” button, it displays a bullet point and a “Delete” button |  |
| 2 | To test clicking on the “Add” button with words entered in the input text | Textbox: Play Final Fantasy XIII  Click “Add” button | “Play Final Fantasy XIII” is added. | Remain on the same page  <http://localhost:8000/todo/> Displays page title: **this is the todo page.**  On top of the todo textbox with its “Add” button, it displays a bullet point with “Play Final Fantasy XIII” and a “Delete” button |  |
| 3 | To Test clicking on the “Add” button with symbols entered in the input text | Textbox: ~`!@#$%^&\*()\_+}{":<>?|\  Click “Add” button | “~`!@#$%^&\*()\_+}{":<>?|\” is added. | Remain on the same page  <http://localhost:8000/todo/> Displays page title: **this is the todo page.**  On top of the todo textbox with its “Add” button, it displays a bullet point with “~`!@#$%^&\*()\_+}{":<>?|\” and a “Delete” button |  |
| 4 | To Test clicking on the “Add” button with words + symbols entered in the input text | Textbox: Hang out with friends ^.^  Click “Add” button | “Hang out with friends ^.^” is added. | Remain on the same page  <http://localhost:8000/todo/> Displays page title: **this is the todo page.**  On top of the todo textbox with its “Add” button, it displays a bullet point with “Hang out with friends ^.^” and a “Delete” button |  |
| 5 | To test the delete button for to remove those already added into the todo page | Click “Delete” button. | Texts with bullet points added into the todo page are successfully removed and all delete buttons are disappeared  Remain on the same page <http://localhost:8000/todo/>  Display an empty input textbox and “Add” button | Texts with bullet points added into the todo page are successfully removed and all delete buttons are disappeared  Remain on the same page <http://localhost:8000/todo/> Displays page title: **this is the todo page.**  Display input textbox and “Add” button |  |