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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome: |
| 1.0 | Test whether able to access the ‘Home’ page | Home page url: 127.0.0.1:8000/home/ | Goes to the home Page  Page title = ‘Home’ | Goes to the home Page  Page title = ‘Home’ |
| 1.1 | Test whether ‘Home’ page contains Resume | Home page url:  127.0.0.1:8000/home/ | Goes to home page and resume shown  Page header = ‘Self Introduction’ | Goes to home page and resume shown  Page header = ‘Self Introduction’ |
| 1.2 | Test whether ‘Home’ page contains Self intro | Home page url:  127.0.0.1:8000/home/ | Goes to home page and Self Introduction shown  Page header = ‘Self Introduction’ | Goes to home page and Self Introduction shown  Page header = ‘Self Introduction’ |

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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome: |
| 2.0 | Test whether able to access ‘Admin’ page when not logged in. | Admin page url:  <http://127.0.0.1:8000/admin/> | Bring user to login page  Page title ='Log in | Jw Portfolio Portal' | Bring user to login page  Page title ='Log in | Jw Portfolio Portal' |
| 2.1 | Test logging in with invalid credentials and see if remain in ‘Log In’ page | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  Username: testing  Password: testing | Remain in same page.  Page title  ='Log in | Jw Portfolio Portal'  Error message shown ‘Please enter the correct username and password for a staff account. Note that both fields may be case-sensitive. | Remain in same page.  Page title  ='Log in | Jw Portfolio Portal'  Error message shown ‘Please enter the correct username and password for a staff account. Note that both fields may be case-sensitive. |
| 2.2 | Test logging in without entering any user credentials and see if remain in ‘Log in’ page | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  Username: “”  Password: “” | Remain in same page  Page title  ='Log in | Jw Portfolio Portal' | Remain in same page  Page title  ='Log in | Jw Portfolio Portal' |
| 2.3 | Test logging in with only valid username and see if remain in ‘Log in’ page | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  Username: “admin”  Password: “” | Remain in same page  Page title  ='Log in | Jw Portfolio Portal' | Remain in same page  Page title  ='Log in | Jw Portfolio Portal' |
| 2.4 | Test logging in with only password and see if remain in ‘Log in’ page | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  Username: “”  Password: “password” | Remain in same page  Page title  ='Log in | Jw Portfolio Portal' | Remain in same page  Page title  ='Log in | Jw Portfolio Portal' |
| 2.5 | Test whether will be redirected to ‘Admin’ page after logging in | Admin page url:  <http://127.0.0.1:8000/admin/>  username: admin  password: admin | Redirected to admin page after logging in.  Page title = 'Site administration | Jw Portfolio Portal' | Redirected to admin page after logging in.  Page title = 'Site administration | Jw Portfolio Portal' |

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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome: |
| 3.0 | Test whether able to view list of created users | Users page url:  <http://127.0.0.1:8000/admin/auth/user/> | Directed to page with list of created users  Number of rows of user >= 1  Page title = 'Select user to change | Jw Portfolio Portal' | Directed to page with list of created users  Number of rows of user >= 1  Page title = 'Select user to change | Jw Portfolio Portal' |
| 3.1 | Test whether able to select user whose username is ‘admin’ and click to view more info | Users page url:  <http://127.0.0.1:8000/admin/auth/user/>  user = ‘admin’ | Went into page ‘admin’ user page  Username of user is ‘admin’ | Went into page ‘admin’ user page  Username of user is ‘admin’ |

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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome |
| 4.0 | Test whether able to create ‘User’ with empty fields | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “”  new password: “”  new confirm password: “” | User not created and remain in same page  Error message shown = “Please correct the errors below.” & “This field is required.”  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the errors below.” & “This field is required.”  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.1 | Test whether able to create ‘User’ with an already existing username ‘admin’ and empty password fields | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “admin”  new password: “”  new confirm password: “” | User not created and remain in same page  Error message shown = “Please correct the errors below.”, “A user with that username already exists.” & 'This field is required.'  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the errors below.”, “A user with that username already exists.” & 'This field is required.'  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.2 | Test whether able to create ‘User’ with a password similar to the username | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “jiawei”  new password: “jiawei123”  new confirm password: “jiawei123” | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘The password is too similar to the username.’  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘The password is too similar to the username.’  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.3 | Test whether able to create ‘User’ with a password less than 8 characters | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “jiawei”  new password: “passwor”  new confirm password: “passwor” | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This password is too short. It must contain at least 8 characters.’  Page title = ‘Add user | Jw Portfolio Portal’ | Error message shown = “Please correct the error below.”  & ‘This password is too short. It must contain at least 8 characters.’  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.4 | Test whether able to create ‘User’ with numeric password | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “jiawei”  new password: “123456789”  new confirm password: “123456789” | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This password is too common.’  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This password is entirely numeric.’  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.5 | Test whether able to create a ‘User’ with a commonly used password | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “jiawei”  new password: “password”  new confirm password: “password” | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This password is too common.’  Page title = ‘Add user | Jw Portfolio Portal’ | A common password is very subjective hence it’s hard to test |
| 4.6 | Test whether able to create ‘User’ when password and confirm password are different | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: testing123  new password: Str0ngP@ww0rd  new confirm password: Str0ngP@ww0rd123 | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘The two password fields didn't match.’  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘The two password fields didn't match.’  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.7 | Test whether able to create ‘User’ when username field is empty | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “”  new password: Str0ngP@ww0rd  new confirm password: Str0ngP@ww0rd | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This field is required.’  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This field is required.’  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.8 | Test whether able to create ‘User’ when one of the password fields is empty | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: “testing1997”  new password: Str0ngP@ww0rd  new confirm password: | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This field is required.’  Page title = ‘Add user | Jw Portfolio Portal’ | User not created and remain in same page  Error message shown = “Please correct the error below.”  & ‘This field is required.’  Page title = ‘Add user | Jw Portfolio Portal’ |
| 4.9 | Test whether able to create ‘User’ with valid credentials | User creation page url:  <http://127.0.0.1:8000/admin/auth/user/add/>  new username: testing  new password: Str0nkP@ssw0rd  new confirm password: Str0nkP@ssw0rd | New user created  Number of row of users increased by 1. | New user created  Number of row of users increased by 1. |

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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome: |
| 5.0 | Test whether able to create ‘Category’ with empty fields | Category creation page url:  <http://127.0.0.1:8000/admin/blog/category/add/>  Category: “” | Category not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title =’ Add category | Jw Portfolio Portal’ | Category not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title =’ Add category | Jw Portfolio Portal’ |
| 5.1 | Test whether able to create ‘Category’ | Admin page url:  <http://127.0.0.1:8000/admin/>  category: CCA | Category created and redirected to Categories page  Number of row of Categories increased by 1.  Page title = ‘'Select category to change | Jw Portfolio Portal' | Category created and redirected to Categories page  Number of row of Categories increased by 1.  Page title = ‘'Select category to change | Jw Portfolio Portal' |

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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome: |
| 6.0 | Test whether able to create ‘Post’ with empty fields | Blog creation page url:  <http://127.0.0.1:8000/admin/blog/post/add/>  Title: “”  Body: “”  Categories: “” | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ |
| 6.1 | Test whether able to create ‘Post’ when Body and categories is empty | Blog creation page url:  <http://127.0.0.1:8000/admin/blog/post/add/>  Title: “Test”  Body: “”  Categories: “” | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ |
| 6.2 | Test whether able to create ‘Post’ when categories is empty | Blog creation page url:  <http://127.0.0.1:8000/admin/blog/post/add/>  Title: “Test”  Body: “Test”  Categories: “” | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ |
| 6.3 | Test whether able to create ‘Post’ when Title is empty | Blog creation page url:  <http://127.0.0.1:8000/admin/blog/post/add/>  Title: “”  Body: “Test”  Categories: “1” | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ | Post not created and remain in same page  Error message shown = “Please correct the error below.” & “This field is required.”  Page title = ‘Add post | Jw Portfolio Portal’ |
| 6.4 | Test whether able to create a new unique ‘Post’ | Post page url: <http://127.0.0.1:8000/admin/blog/post/>  Title: “Track & Field”  Body: “I did …”  Categories: “1” | Post created and redirected to Post page.  Number of row of Post increased by 1.  Page title = 'Select post to change | Jw Portfolio Portal' | Post created and redirected to Post page.  Number of row of Post increased by 1.  Page title = 'Select post to change | Jw Portfolio Portal' |

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| Scenario: | Description: | Values: | Expected Outcome: | Actual Outcome: |
| 7.0 | Test whether able to access ‘Blog’ page | Blog page url:  <http://127.0.0.1:8000/blog/> | Goes to the home Page  Page title = ‘Blog’ | Goes to the home Page  Page title = ‘Blog’ |
| 7.1 | Test whether able to access ‘Blog’ categories ‘Projects’ | Blog page categories url:  <http://127.0.0.1:8000/blog/Projects/> | Goes to the Blog Categories page  Page title = ‘Blog Categories’  Header title =’Projects’ | Goes to the Blog Categories page  Page title = ‘Blog Categories’  Header title =’Projects’ |
| 7.2 | Test whether able to access ‘First android project’ post from ‘Blog’ page | Blog page url:  <http://127.0.0.1:8000/blog/>  Click on ‘First android project’ | Goes to ‘First Android Project’ page  Page url =’ <http://127.0.0.1:8000/blog/4/>’  Header title = ‘First android project’ | Goes to ‘First Android Project’ page  Page url =’ <http://127.0.0.1:8000/blog/4/>’  Header title = ‘First android project’ |
| 7.3 | Test whether comment form is hidden if user is not logged in. | Blog post url:  <http://127.0.0.1:8000/blog/4/> | Comment form hidden if user not logged in.  Comment form not found in page. | Comment form hidden if user not logged in.  Comment form not found in page. |
| 7.4 | Test whether comment form is shown if user is logged in. | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  username: admin  password: admin  Blog post url:  <http://127.0.0.1:8000/blog/4/> | User login before going to blog post page.  Comment form is shown | User login before going to blog post page.  Comment form is shown |
| 7.5 | Test whether able to submit comment when user is logged in and both author and comment is empty. | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  username: admin  password: admin  Blog post url:  <http://127.0.0.1:8000/blog/4/>  Author: “”  Comment: “” | No new comment added.  No of comments before clicking submit is same as after clicking submit | No new comment added.  No of comments before clicking submit is same as after clicking submit |
| 7.6 | Test whether able to submit comment when user is logged in and author field is empty | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  username: admin  password: admin  Blog post url:  <http://127.0.0.1:8000/blog/4/>  Author: “”  Comment: “Testing” | No new comment added.  No of comments before clicking submit is same as after clicking submit | No new comment added.  No of comments before clicking submit is same as after clicking submit |
| 7.7 | Test whether able to submit comment when user is logged in and comment field is empty | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  username: admin  password: admin  Blog post url:  <http://127.0.0.1:8000/blog/4/>  Author: “Jiawei”  Comment: “” | No new comment added.  No of comments before clicking submit is same as after clicking submit | No new comment added.  No of comments before clicking submit is same as after clicking submit |
| 7.8 | Test whether able to submit valid comment when user is logged in | Login url: [http://127.0.0.1:8000/admin/login/ ?next=/admin/](http://127.0.0.1:8000/admin/login/%20?next=/admin/)  username: admin  password: admin  Blog post url:  <http://127.0.0.1:8000/blog/4/>  Author: “Jiawei”  Comment: “Testing!” | New comment added  Number of comments before posting increased by 1. | New comment added  Number of comments before posting increased by 1. |