

Sprint-2-Task-13: Create faculty account and login-models

Equivalence Classes:

Acceptable username input:

Acceptable input = list of non-null ASCII characters.

Unacceptable username input:

Invalid inputs = out of bound characters for ASCII, an input of over 200 characters, NULL input.

Acceptable password input:

Acceptable input = list of non-null ASCII characters.

Unacceptable password input:

Invalid inputs = out of bound characters for ASCII, an input of over 128 characters, an input of under 8 characters, simple or overly repeated passwords, NULL input

Test:

1. Create a super user in command line to check results on the admin page.
2. Randomly generate 9 passwords and 10 usernames acceptable input for testing.
3. Generate 10 new users through login page-give one username the same password as admin
4. Check which combinations of password and username created a valid user
5. Check each successful user can login
6. Expected Output: 9 successful users with one failed.

Sprint-3-Task 3: Login Page:

Equivalence Classes:

Acceptable username input:

Acceptable input = django Email field: <name>@<domain>.<site>

Unacceptable username input:

Invalid inputs = non-<name>@<domain>.<site> formatted strings

Acceptable password input:

Acceptable input = list of non-null ASCII characters.

Unacceptable password input:

Invalid inputs = out of bound characters for ASCII, an input of over 128 characters, an input of under 8 characters, simple or overly repeated passwords, NULL input

Test:

1. Create a super user in command line to check results on the admin page.
2. Randomly generate 9 passwords and 10 emails input for testing.
3. Generate 10 new users through login page-give one username the same password as admin
4. Check for which combinations of password and username created a valid user on admin
5. Check each successful user can login
6. Expected Output: 9 successful users with one failed.
7. Repeat 2-6 from the admin page.

Sprint-3-Task-1: Associating courses with teachers

Test:

1. Create a super user in command line to access the admin page.
2. Create two teachers through accounts in admin

3. Generate 10 courses give them all unique names, associate 5 with user A, and 3 with user B .
4. Log out of masters
5. Through the login page login user A and access the courses page
6. Check associated courses against courses listed on the page
7. Through the login page login user B and access the courses page
8. Check associated courses against courses listed on the page
9. Through the login page login admin and access the courses page
10. Check associated courses against courses listed on the page
11. Results: User A should display all 5 courses, user B should display all 3 courses, admin should have a blank list.