

# Equivalence Partition Testing

## Summary:

When a user is creating a new account on the site, certain criteria is required for the password to be considered valid and for the user's account to be successfully created. For security purposes, the password must be long enough, contain special characters, contain numbers, and contain a capital letter. The password must also not contain spaces.

## Classes:

1. Password is between 5 and 30 characters.
2. Password is less than 5 characters.
3. Password is more than 30 characters.
4. Password contains a number.
5. Password does not contain a number.
6. Password contains a capitalised letter.
7. Password does not contain a capitalised letter.
8. Password contains a special character.
9. Password does not contain a special character.
10. Password must not be null.

## Tests:

Test #:	Test Data:	Expected Outcome:	Outcome:	Classes Covered:
1	123SesameStreet()	Pass	Pass	1, 2, 3, 4, 6, 8, 10
2	bxpU(BXTVi	Fail	Fail	5
3	pass	Fail	Fail	2
4	PasswordPasswordPasswordPassword 123	Fail	Fail	3
5	BoXc2kmmHGPYqVpflq1S	Fail	Fail	9
6	qwertyuiopasdhjk123&	Fail	Fail	7
7		Fail	Fail	10
8	123987	Fail	Fail	7, 9