

Black box testing for sign up control class

Sign Up page form testing

The test cases here are design to test the validity of a user inputted username and password for their sign-up credentials.

Testing for password

Our password field accepts any characters and must have a minimum of 6 characters.

Equivalence class testing

Equivalence Class	Test Input	Expected Output (Oracle)	Actual Output (Log)	Remarks
Less than 6 characters (Invalid input)	J#m1	Password needs to be 6 characters.	Password needs to be 6 characters.	User not allowed to proceed.
6 characters or more (Valid Input)	S0f#1.	Password accepted	Password accepted (No error message)	User allowed to proceed assuming other fields are valid.

Boundary Class Testing

Boundary Description	Test Input	Expected Output (Oracle)	Actual Output (Log)	Remarks
5 characters	J#m1a	Password needs to be 6 characters.	Password needs to be 6 characters.	User not allowed to proceed.
6 characters	S0f#1.	Password accepted	Password accepted (No error message)	User allowed to proceed assuming other fields are valid.
7 characters	Sa0f#1.	Password accepted	Password accepted (No error message)	User allowed to proceed assuming other fields are valid.

*Testing continues for the next page

Testing for Username

Our password field accepts any characters and must have a minimum of 5 characters.

Equivalence Class Testing

Equivalence Class	Test Input	Expected Output (Oracle)	Actual Output (Log)	Remarks
Less than 5 characters (Invalid Input)	Jama	Username needs to be 5 characters	Username needs to be 5 characters	User not allowed to proceed.
5 or more characters (Valid Input)	james	Username accepted	Username accepted (No error message)	User allowed to proceed assuming other fields are valid.

Boundary Class Testing

Boundary Description	Test Input	Expected Output (Oracle)	Actual Output (Log)	Remarks
4 characters	Jama	Username needs to be 5 characters	Username needs to be 5 characters	User not allowed to proceed.
5 characters	James	Username accepted	Username accepted (No error message)	User not allowed to proceed.
6 characters	jamees	Username accepted	Username accepted (No error message)	User allowed to proceed assuming other fields are valid.