

REPORT: Data-driven techniques

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Tested website: <https://poczta.wp.pl/rejestracja/>

Equivalence partitioning

Tested domain:	login length (required between 3 to 25 characters)
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Test items

Group 1 [G1]: <3 characters

Group 2 [G2]: 3÷25 characters

Group 3 [G3]: >25 characters

Test cases [TC]

TC No.	Coverage test items	Input	Output
1	G1	vi	Notification: „Login is too short”

Dane konta

Wybierz login

vi

@wp.pl

Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz

znaki:

Podany login jest za krótki.

2	G3	victoriavictoriavictoriavictoria	It isn't possible to enter such a long login
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Dane konta

Wybierz login

victoriavictoriavictoriav

@wp.pl

Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz

znaki:

3	G2	victorias1991	Login is accepted
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Dane konta

Wybierz login

victorias1991

@wp.pl

Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz

znaki:

Boundary values analysis

TC No.	Tested boundary values of G1, G2, G3	Input
1	2	vi

<p>Dane konta</p> <p>Wybierz login</p> <div> <div>vi</div> <div>@wp.pl</div> </div> <p>Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz znaki: 000</p> <p>Podany login jest za krótki.</p>		
2	3	vic
<p>Dane konta</p> <p>Wybierz login</p> <div> <div>vić</div> <div>@wp.pl</div> </div> <p>Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz znaki: 000</p> <p>Podany login jest niedostępny.</p> <p>Chosen login is unavailable, but length requirements are accepted</p>		
3	25	victoriavictoriavictoria8
<p>Dane konta</p> <p>Wybierz login</p> <div> <div>victoriavictoriavictoria8</div> <div>@wp.pl</div> </div> <p>Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz znaki: 000</p>		
4	26	victoriavictoriavictoria88
<p>Dane konta</p> <p>Wybierz login</p> <div> <div>victoriavictoriavictoria8</div> <div>@wp.pl</div> </div> <p>Login zaczynamy literą, od 3 do 25 znaków, tylko małe litery i cyfry oraz znaki: 000</p> <p>It's impossible to enter such a long login.</p>		
<p>Domain analysis</p> <p>Specifying the number of characters between 3 and 25 values have been determined:</p> <p>IN = 17</p> <p>OUT = 1</p> <p>ON = 3</p> <p>OFF = 25</p>		
<p>Tested website: http://answear.com</p>		
<p>Combinatorial techniques</p> <p>Used tool: All-pairs testing</p> <p>Tools available: http://edu.ittraining.pl/material/generator-par-all-pairs</p> <p>This technique was used to search shoes at Answear store. To All-pairs testing, generator introduced searching criteria as in the table below</p>		

All-pairs Testing – testerzy.pl

File Data About

Add column Remove column Generate

Size	Category	Brand	Color
38	boots	Nike	black
	sandals	Converse	grey
	sneakers	Guess	

For all test items were generated 18 test cases, which allow to execution of all possible combinations of input parameters.

Results

Save results

All-pairs test cases All test cases

Size	Category	Brand	Color
38	boots	Nike	black
38	boots	Nike	grey
38	boots	Converse	black
38	boots	Converse	grey
38	boots	Guess	black
38	boots	Guess	grey
38	sandals	Nike	black
38	sandals	Nike	grey
38	sandals	Converse	black
38	sandals	Converse	grey
38	sandals	Guess	black
38	sandals	Guess	grey
38	sneakers	Nike	black
38	sneakers	Nike	grey
38	sneakers	Converse	black
38	sneakers	Converse	grey
38	sneakers	Guess	black
38	sneakers	Guess	grey

Less test cases were obtained after using the all-pairs test cases technique:

Results

Save results

All-pairs test cases All test cases

Size	Category	Brand	Color
38	boots	Nike	black
38	sandals	Converse	grey
38	sneakers	Guess	black
38	boots	Guess	grey
38	sneakers	Nike	grey
38	boots	Converse	black
38	sandals	Nike	black
38	sandals	Guess	black
38	sneakers	Converse	black