

Specification-based techniques

Boundary values

Case #1

In order to do online shopping on a website, you need to sign up with email and password (contains at least 6 symbols).

Tests:

1. Fill in email (qwerty@gmail.com) and password that contains 5 symbols (An098).
2. Fill in email (qwerty@gmail.com) and password that contains 6 symbols (Anq098).
3. Fill in email (qwerty@gmail.com) and password that contains 7 symbols (Anqo098).

Case #2

Imagine that we open a website that sell alcohol or cigarettes. In order to go to a cart with these goods you must confirm your age (18).

Tests:

1. Choose the age of 17.
2. Choose the age of 18.
3. Choose the age of 19.

Equivalence partitioning

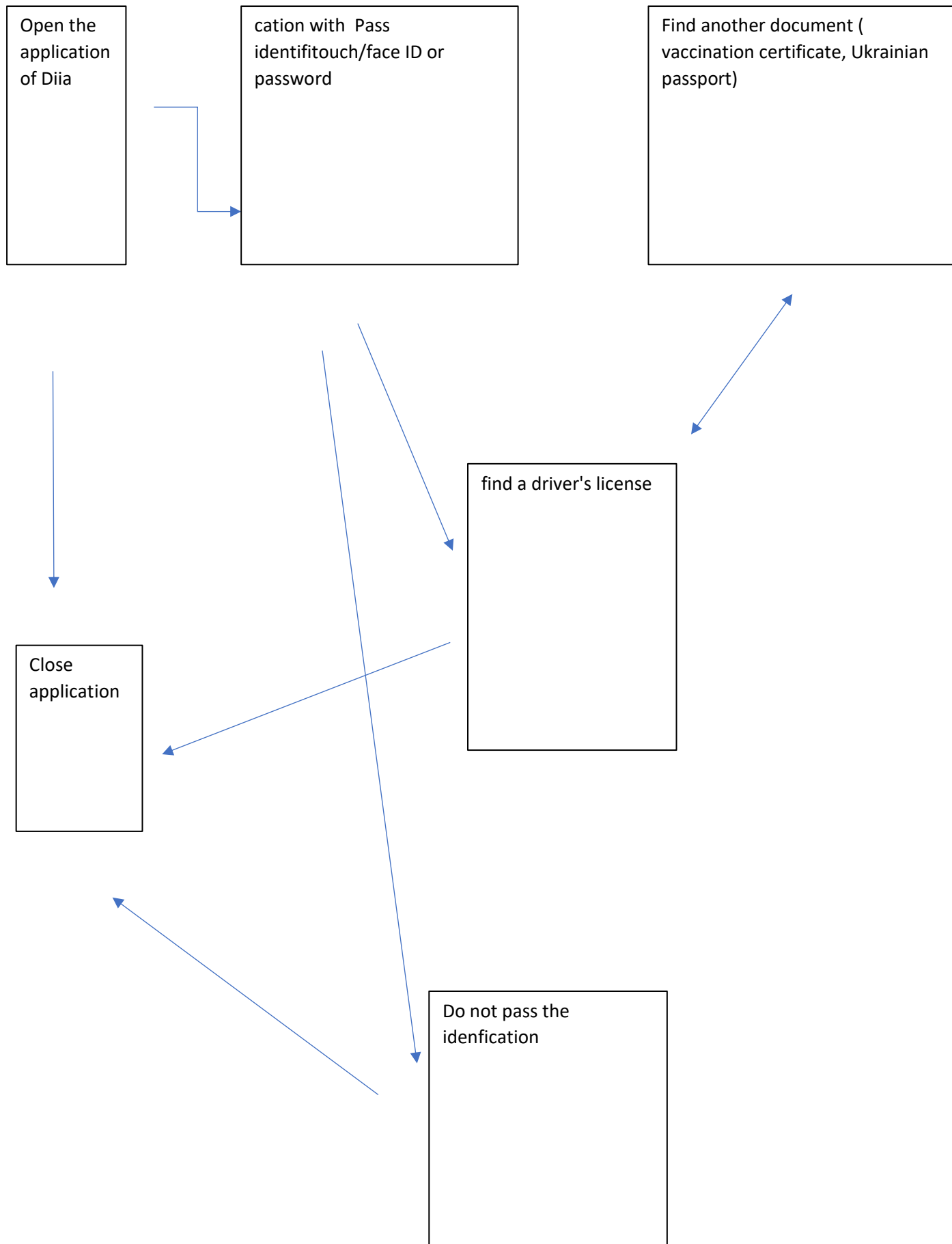
Case #1

Log in with telephone number that contains 13 symbols (includes +380).

Tests:

1. Log in with telephone number that contains 9 symbols (+380987650).
2. Log in with telephone number that contains 4 symbols (+3809).

State-transition diagram



Decision table

You go to the shoe store.

1. If you have regular customer card you will have the discount of 5%.
2. If you go to this store for the first time you will get the second pair of shoes as a gift.
3. If you are the birthday girl/boy in this day, you will have the discount of 30%.

	1	2	3	4	5	6	7	8
Regular customer card	0	0	0	0	1	1	1	1
First time	0	0	1	1	0	0	1	1
Birthday	0	1	0	1	0	1	0	1
Result	0	30%	the second pair of shoes as a gift.	x	5%	x	x	x

Pairwise testing (using pairwise tools)

Website 'YeKnyharnya'

Go to 'Albums'

Sorting by 'Cover' and 'Language' (except russian language)

	A	B	C	D	E
1	UA	Soft			
2	UA	Hardcover			
3	UA	Solid			
4	UA	Cardboard			
5	UA	Box			
6	UA	Soft with valves			
7	UA	Folder			
8	UA	Hard with foam			
9	UA	Cloth			
10	EN	Hardcover			
11	EN	Solid			
12	EN	Cardboard			
13	EN	Box			
14	EN	Soft with valves			
15	EN	Folder			
16	EN	Hard with foam			
17	EN	Cloth			
18	EN	Soft			
19	UA/EN	Solid			
20	UA/EN	Cardboard			
21	UA/EN	Box			
22	UA/EN	Soft with valves			
23	UA/EN	Folder			
24	UA/EN	Hard with foam			
25	UA/EN	Cloth			
26	UA/EN	Soft			
27	UA/EN	Hardcover			
28	UA/FR	Cardboard			
29	UA/FR	Box			
30	UA/FR	Soft with valves			
31	UA/FR	Folder			
32	UA/FR	Hard with foam			
33	UA/FR	Cloth			
34	UA/FR	Soft			
35	UA/FR	Hardcover			
36	UA/FR	Solid			
37	UA/EN/PL	Box			
38	UA/EN/PL	Soft with valves			
39	UA/EN/PL	Folder			
40	UA/EN/PL	Hard with foam			
41	UA/EN/PL	Cloth			
42	UA/EN/PL	Soft			
43	UA/EN/PL	Hardcover			
44	UA/EN/PL	Solid			
45	UA/EN/PL	Cardboard			
46	UA/EN/ the Crimean tatar	Soft with valves			
47	UA/EN/ the Crimean tatar	Folder			
48	UA/EN/ the Crimean tatar	Hard with foam			
49	UA/EN/ the Crimean tatar	Cloth			
50	UA/EN/ the Crimean tatar	Soft			
51	UA/EN/ the Crimean tatar	Hardcover			
52	UA/EN/ the Crimean tatar	Solid			
53	UA/EN/ the Crimean tatar	Cardboard			
54	UA/EN/ the Crimean tatar	Box			