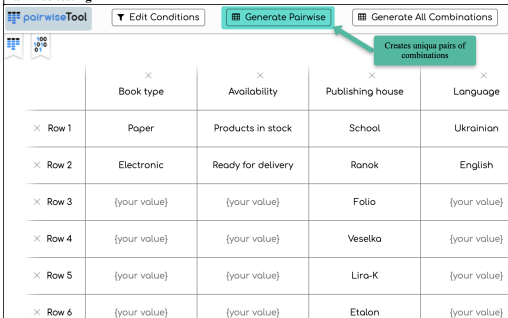
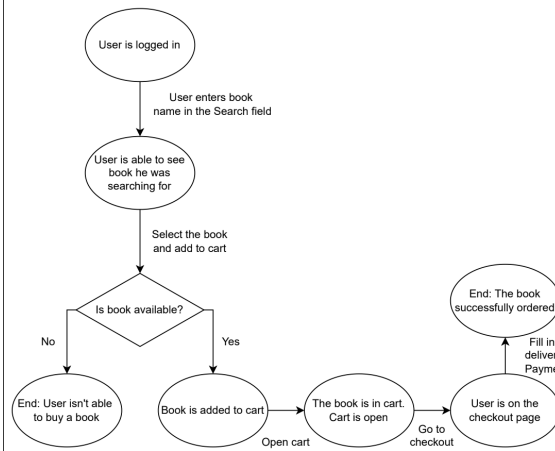
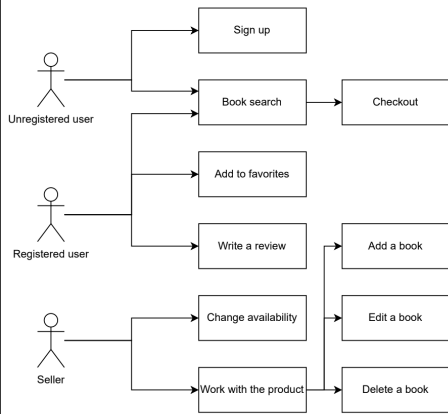


Examples of using test design techniques in the form of a checklist (store website: https://www.yakaboo.ua/)																																																																																																									
Black box techniques		Status	Test data																																																																																																						
1 Equivalence partitioning																																																																																																									
Enter "Економіка" in the book search field	TRUE																																																																																																								
Enter the name of the book with the error "Економіка" in the search field	FALSE																																																																																																								
Sign up by entering a password of 8 characters	TRUE	First Name: Юлія, Last Name: Савицька, Phone number: +380639996655, Email: yuliia.savitska@gmail.com, Password: Ac123456																																																																																																							
Sign up by entering a password of 6 characters	FALSE	First Name: Юлія, Last Name: Савицька, Phone number: +380639996655, Email: yuliia.savitska@gmail.com, Password: Ac1234																																																																																																							
2 Boundary values																																																																																																									
Sign up by entering a phone number of 12 characters (with country code)	FALSE	First Name: Юлія, Last Name: Савицька, Phone number: +380639996655, Email: yuliia.savitska@gmail.com, Password: Ac123456																																																																																																							
Sign up by entering a phone number of 13 characters (with country code)	TRUE	First Name: Юлія, Last Name: Савицька, Phone number: +380639996655, Email: yuliia.savitska@gmail.com, Password: Ac123456																																																																																																							
Sign up by entering a phone number of 14 characters (with country code)	FALSE	First Name: Юлія, Last Name: Савицька, Phone number: +380639996659, Email: yuliia.savitska@gmail.com, Password: Ac123456																																																																																																							
3 Decision table																																																																																																									
<table><tr><th>Decision table</th><th>1</th><th>2</th><th>3</th><th>4</th><th>5</th><th>6</th><th>7</th><th>8</th><th>9</th><th>10</th><th>11</th><th>12</th><th>13</th><th>14</th><th>15</th><th>16</th></tr><tr><td>Entered "First Name"</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td><td>1</td></tr><tr><td>Entered "Last Name"</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td><td>0</td><td>0</td><td>0</td><td>0</td><td>1</td><td>1</td><td>1</td><td>1</td></tr><tr><td>Entered "Phone number"</td><td>0</td><td>0</td><td>1</td><td>1</td><td>0</td><td>0</td><td>1</td><td>1</td><td>0</td><td>0</td><td>1</td><td>1</td><td>0</td><td>0</td><td>1</td><td>1</td></tr><tr><td>Entered "Email"</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td><td>0</td><td>1</td></tr><tr><td>Result</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>F</td><td>T</td><td>T</td></tr></table>	Decision table	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	Entered "First Name"	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	Entered "Last Name"	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	Entered "Phone number"	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1	Entered "Email"	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	Result	F	F	F	F	F	F	F	F	F	F	F	F	F	F	T	T			
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4 Pairwise testing																																																																																																									
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Add the book to the cart if it is NOT available	FALSE																																																																																																								
Check that the book is added to the cart	TRUE																																																																																																								
Checkout by filling in all personal data, delivery data and payment method	TRUE	First Name: Юлія, Last Name: Савицька, Phone number: +380639996655, Email: yuliia.savitska@gmail.com, Country: Ukraine, City: Lviv, Delivery method: Nova Poshta branch, Branch address: Branch №77, Payment method: Upon receipt																																																																																																							

6 Use case diagram



Check if an unregistered user can sign up	TRUE
Check if an unregistered user can search for a book and checkout	TRUE
Check if an unregistered user can add a book to favorites	FALSE
Check if an unregistered user can write a book review	FALSE
Check if an unregistered user can change the availability of a book	FALSE
Check if an unregistered user can work with the product: add, edit and delete a book	FALSE
Check if a registered user can search for a book and checkout	TRUE
Check if a registered user can add a book to favorites	TRUE
Check if a registered user can write a book review	TRUE
Check if a registered user can sign up	FALSE
Check if a registered user can change the availability of a book	FALSE
Check if a registered user can work with the product: add, edit and delete a book	FALSE
Check if a seller can change the availability of a book	TRUE
Check if a seller can work with the product: add, edit and delete a book	TRUE
Check if a seller can sign up	FALSE
Check if a seller can search for a book and checkout	FALSE
Check if a seller can add a book to favorites	FALSE
Check if a seller can write a book review	FALSE

Experience based techniques	Status	Test data
Error guessing		
Enter a higher price in the "from" field and a lower price in the "to" field in the product filter by price	FALSE	
Enter a non-existent book name in the search	FALSE	
Log in the system with an incorrect password	FALSE	