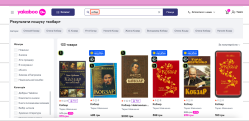
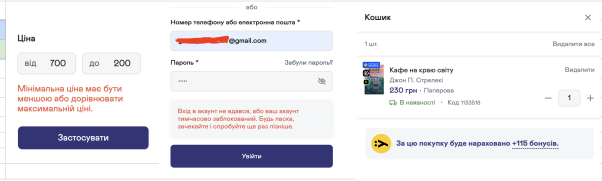
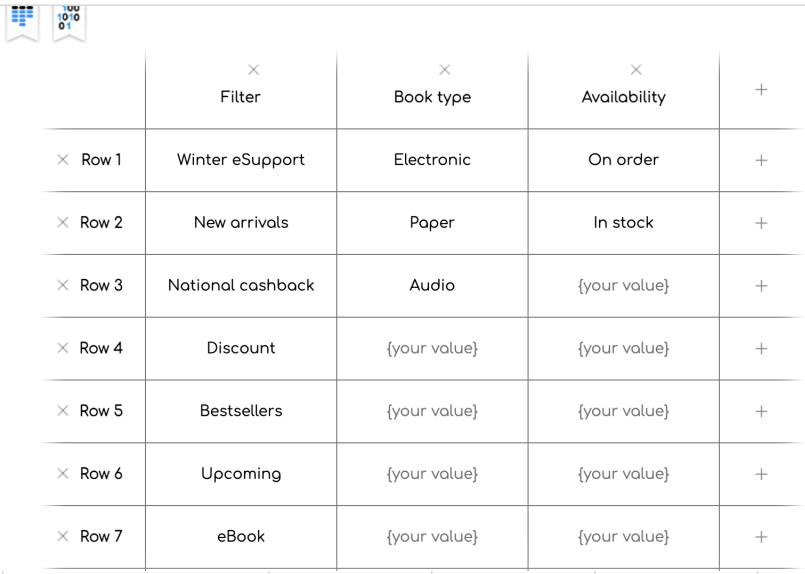
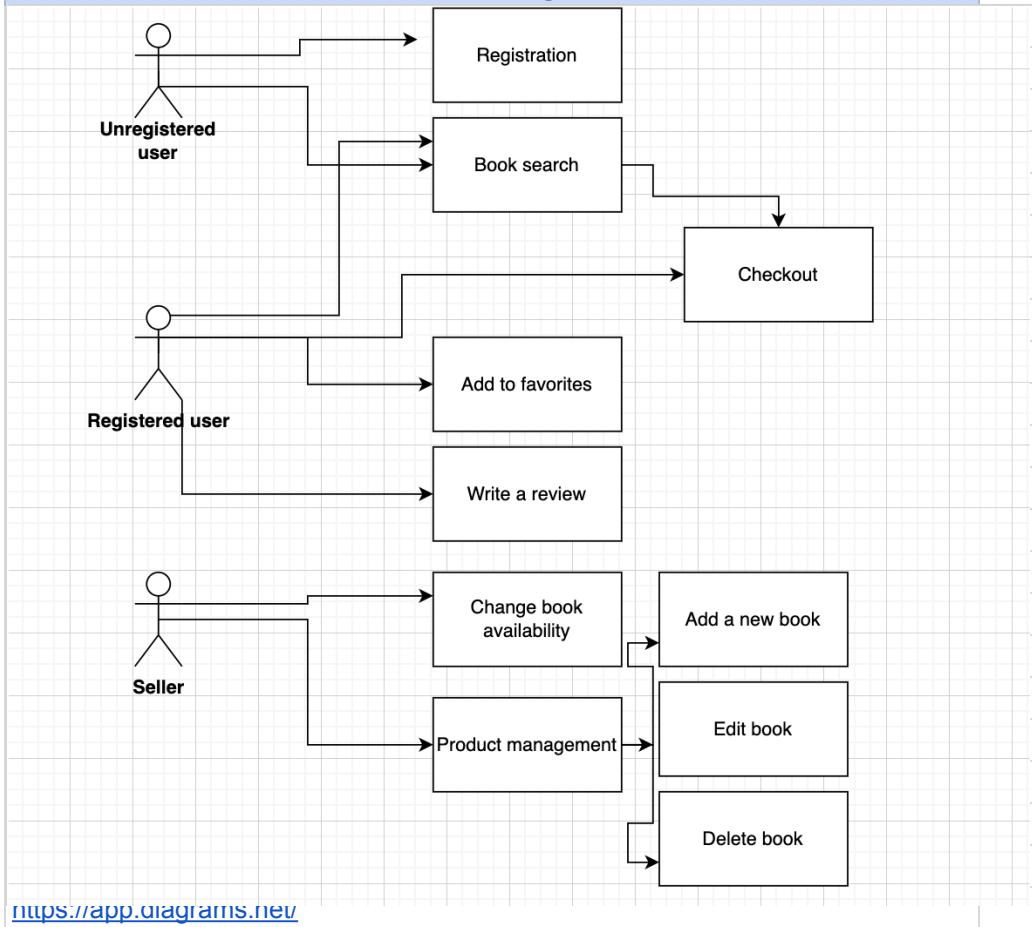
Equivalence partitioning	Coments + personal data	Status
Enter the word "Кобзар" into the book search field (valid)		passed
Enter the word"Кобзар"into the book search field (invalid)	"Кобар"	passed
Register by entering a 6-character password (invalid).	first name- Ольга , last name -Мак,phone +380967755285, email - mak@gmaail.com, пароль - Ab1234	passed
Register by entering an 8-character password (valid).	first name- Ольга , last name - Мак,phone +380967755285, email -mak@gmaail.com, пароль - Ab123456	passed
Boundary values		
Change the number by entering a 12-digit phone number (with country code).	phone +380967766435	passed
Change the number by entering an 11-digit phone number (with country code).	phone +38096887765	passed
Change the number by entering a 13-digit phone number (with country code).	phone +3809655334218	passed
Change the number by entering a 14-digit phone number (with country code).	phone +38096553342188	passed
Decision table		
Place an order when the user has NOT entered first name, last name, phone number, and email.	first name- , last name -,phone -, email -, пароль -	passed
Place an order when the user has entered first name, last name, phone number, and email.	first name- Ольга , last name - Мак,phone +380967677543, email - mak@gmaail.com	passed
Place an order when the user has NOT entered the first name but has entered last name, phone number, and email.	first name- , last name - Мак,phone +380969877654, email - mak@gmaail.com	passed
Place an order when the user has entered the first name but has NOT entered last name, phone number, and email.	first name- Ольга , last name -,phone , email -	passed
Pairwise testing(site pairwise online tool)	The full list of combinations is available in a separate table.	
Check books by filter, book type, and availability.	Filter: Winter eSupport, Book type: Paper, Availability: On order.	passed
Check books by filter, book type, and availability.	Filter: New arrivals, Book type: Electronic, Availability: In stock.	passed
Check books by filter, book type, and availability.	Filter: New arrivals, Book type: Audio, Availability: On order.	passed
Check books by filter, book type, and availability.	Filter: National cashback, Book type: Paper, Availability: In stock.	passed
Check books by filter, book type, and availability.	Filter: Discount, Book type: Audio, Availability: In stock.	passed
Check books by filter, book type, and availability.	Filter: Discount, Book type: Paper, Availability: On order.	passed
Check books by filter, book type, and availability.	Filter: Bestsellers, Book type: Audio, Availability: In stock.	passed
Check books by filter, book type, and availability.	Filter: Upcoming, Book type: Paper, Availability: On order.	passed
Check books by filter, book type, and availability.	Filter: eBook, Book type: Electronic, Availability: On order.	passed
State transition diagram		
Search for a product by name.	Product name - "Кафе на краю світу"	passed
Add a book to the cart if the book is in stock.		passed
Add a book to the cart if the book is NOT in stock.		passed
Verify that the book has been added to the cart.		passed
Place an order by filling in all fields and selecting the payment method "Cash on delivery."	first name - Ольга , last name -Мак, phone +380968812546,email - mak@gmail.com	passed
Use case diagram		
Verify that an unregistered user cannot write a review for a book.		passed
Verify that an unregistered user cannot add a book to favorites.		passed
Verify that the buyer cannot change the availability of the book.		passed
Experience based testing:		
Error guessing		
Enter a higher price in the "From" field and a lower price in the "To" field in the price filter.		passed
Try to log in with an incorrect password.		passed
Add a product to the cart and enter an incorrect quantity: 0.		passed

Pairwise	Filter	Book type	Availability
1	Winter eSupport	Electronic	In stock
2	Winter eSupport	Paper	On order
3	Winter eSupport	Audio	In stock
4	New arrivals	Paper	In stock
5	New arrivals	Audio	On order
6	New arrivals	Electronic	In stock
7	National cashback	Audio	On order
8	National cashback	Electronic	On order
9	National cashback	Paper	In stock
10	Discount	Paper	On order
11	Discount	Audio	In stock
12	Discount	Electronic	In stock
13	Bestsellers	Paper	In stock
14	Bestsellers	Audio	On order
15	Bestsellers	Electronic	On order
16	Upcoming	Audio	In stock
17	Upcoming	Electronic	On order
18	Upcoming	Electronic	In stock
19	Upcoming	Paper	On order
20	Upcoming	Audio	On order
21	eBook	Electronic	In stock
22	eBook	Electronic	On order
23	eBook	Paper	On order
24	eBook	Audio	In stock
25	eBook	Paper	In stock
26	eBook	Audio	On order



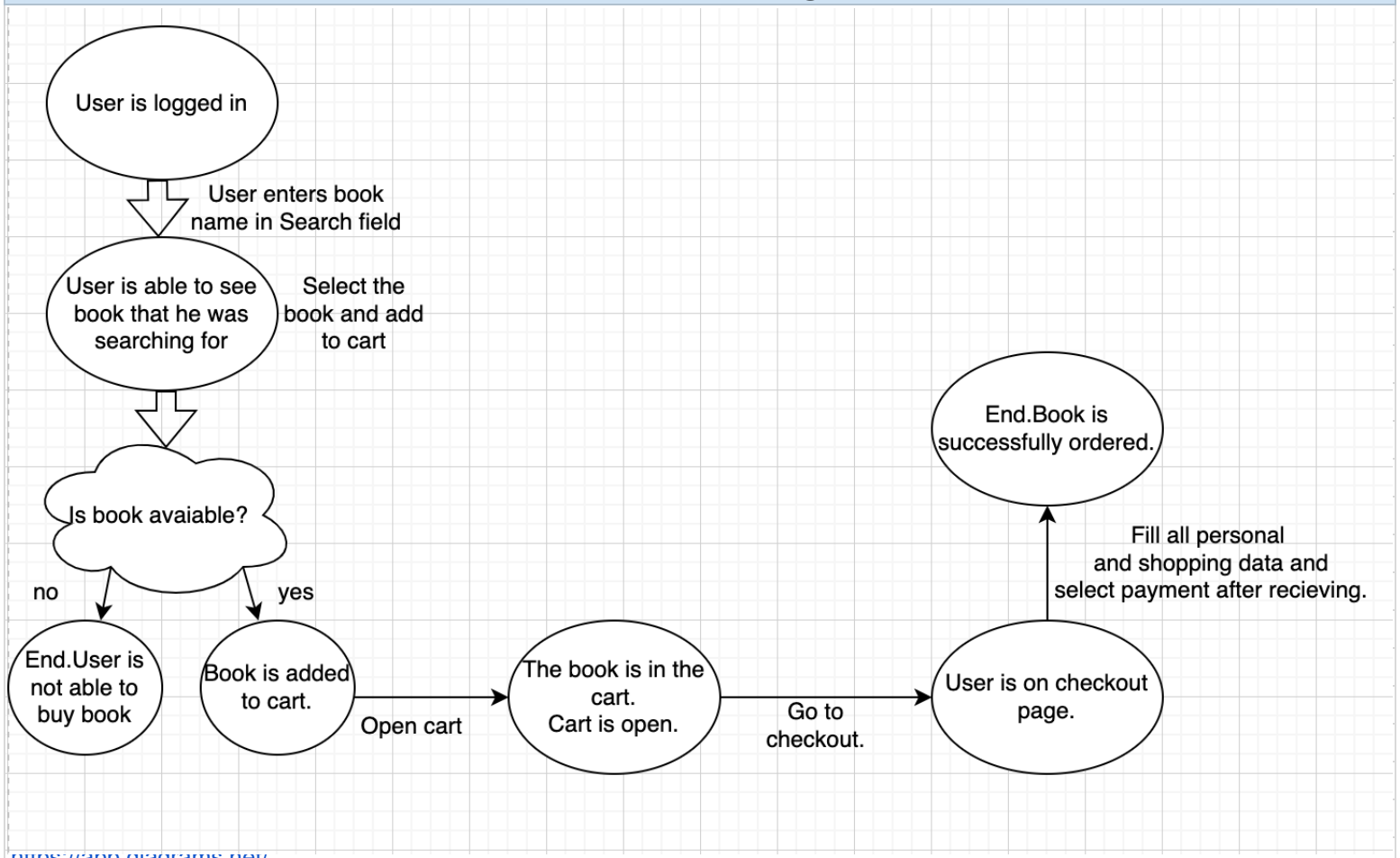
	Filter	Book type	Availability	+
× Row 1	Winter eSupport	Electronic	On order	+
× Row 2	New arrivals	Paper	In stock	+
× Row 3	National cashback	Audio	{your value}	+
× Row 4	Discount	{your value}	{your value}	+
× Row 5	Bestsellers	{your value}	{your value}	+
× Row 6	Upcoming	{your value}	{your value}	+
× Row 7	eBook	{your value}	{your value}	+

Use case diagram



https://app.diagrams.net/

State transition diagram



https://app.diagrams.net/

Decision table	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
First name entered	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1
Last name entered	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1
Phone number entered	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	1
Email entered	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1
Result	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1