Name of the technique	Test case	Test data
Equievalence patritioning	1. Enter Kobzar in the book search field 2. Enter the title of the book with the error "Kobzar" in the search field 3. Register by entering a 6-character password 4. Register by entering a password of 8 characters	1. Kobzar 2. Kobzar 3. First name - Yuriy, Last name - Malynovskyi, Phone - +380631777777, Email - malynovskyi@gmail.com, Password - Abc123 4. First name - Yuriy, Last name - Malynovskyi, Phone - +380631777777, Email - malynovskyi@gmail.com, Password - Abc12345
Boundary values	1. Change phone number, enter a 13-digit number [with country code] 2. Change phone number, enter a 12-digit number [with country code]. 3. Change phone number, enter a 14-digit number [with country code].	1. Phone number - +380631777771 2. Phone - +38063177777 3. Phone - +3806317777711
Decision table	1. Place an order when the user has entered a first name, last name, phone number, and email 2. Place an order when the user has NOT entered a first name, last name, phone number, email 3. Place an order when the user has entered a first name, but has NOT entered a last name, phone number, or email 4. Place an order when the user has NOT entered a first name and has entered a last name, phone number, and email	1. First name - Yuriy, Last name - Malynovskyi, Phone - +380631777777, Email - malynovskyi@gmail.com, Password - Abc12345 2. - 3. Surname - Malynovskyi, Phone - +380631777777, Email - malynovskyi@gmail.com, Password - Abc12345 4. First name - Yuriy
Pairwise testing	1. Check the book filtering by type, availability, publisher, and language 2. Check if the book is filtered by type, availability, publisher, and language 3. Check if a book is filtered by type, availability, publisher, and language 4. Check if a book is filtered by type, availability, publisher, and language	1. Type - paper, Availability - in stock, Publisher - Kryon, Language - Ukrainian 2. Type - paper, Availability - shipping today, Publisher - Etalon, Language - English 3. Type - paper, Availability - shipped today, Publisher - Kryon, Language - English 4. Type - paper, Availability - in stock, Publisher - Etalon, Language - Ukrainian
State transiotion diagram	1. Search for a product by name 2. Add the book to the cart if it is available 3. Add the book to the cart if it is NOT in stock 4. Check that the book has been added to the cart 5. Place an order by filling in all the fields and choosing the payment "Cash on delivery"	1. Product name - Shantaram 2. - 3. - 4. - 5. First name - Yuriy, Last name - Malynovskyi, Phone - +380631777777, Email - malynovskyi@gmail.com, Password - Abc12345, Address - Zhovkva, NP #2

Use case diagram	1.Check that an unregistered user cannot write a book review	1. -
	2.Check that an unregistered user cannot give a favorite to a book	2. -
	3.Check that the buyer cannot change the availability of the book	3. -
	4.Check that the seller cannot place an order	4. -
Experience based techniques [Error guessing]	1. In the product filter by price, enter a larger amount in the "from" field and a smaller amount in the "to" field	1. -
	2. Enter a non-existent book in the search	2. -
	3. Trying to log in with an incorrect password	3. -