**General Requirements:**

RG1. The application could be started from different devices at the same time (including

those based on mobileOS).

RG2. The same page could be opened in the same browser an unlimited number of times.

RG3. The last actual status of the user or application state should be displayed on the last

open page of the browser.

RG4. Refreshing any page of the application should display the actual state of application.

RG5. The application possibly should be able to geolocate the user to change the language

of application or to display shipping details.

**Specified Requirements:**

***ShareLane logo:***

RL1. Clicking on ‘ShareLane’ logo should return the user on the homepage and display the

actual state of application.

***Shopping Cart:***

RSC1. Clicking on ‘Shopping Cart’ should display the actual status of the shopping cart with

items added.

RSC2. Return the message ‘shopping cart is empty’ if the user is logged in and the cart is

empty.

RSC3. Return the message ‘you must log in’ if the user hasn't logged in yet.

RSC4. Shopping cart with added items should contain the possibility to up the number of

each exemplar of a book. Increasing the number of books should automatically

rewrite the total cost of purchase by clicking ‘update’ button.

RSC5. Shopping cart should contain an ‘update’ button to update purchase information if

some actions were committed before using other devices or in other pages on the

same device.

RSC6. After pressing the ‘update’ button the page should display the ‘cart updated’ title.

RSC7. User should have an ability to return to the main page or to the shopping cart on the

stage of checkout.

RSC8. After payment is completed the shopping cart should be cleaned.

***Search box:***

RSB1. To input symbols in the box should display keywords clicking on which must return

results based on certain algorithms.

RSB2. The searching machine should display keywords after inputting a certain number of

symbols.

RSB3. Search box must return only ‘on sale’ positions.

RSB4. Perhaps displaying ‘out of sale’ positions would be relevant to increase sales in the

future.

RSB5. Inputting information in the search box may be done by copy-paste operation.

RSB6. Searching could be launched by pressing the ‘enter’ button on the PC keyboard as

by clicking the ‘search’ button in the browser.

RSB7. Clicking on the ‘search’ button while the search box is empty or contains unmatched

keywords should display an error message.

***Product Items:***

RP1. Product items positions should be determined by certain marketing, alphabetic or other

logic.

RP2. Product items should contain next features: image (similar size and pixels), name of

author, name of book, price.

RP3. Image and name of the book should be clickable.

RP4. Possibly the name of the author should be clickable too, because enlargement of the

list of the books by the same author may ease the search and buying books for the

customers.

RP5. All typeable elements of product items should have the same font type, font size

respectively.

RP6. Clicking on product item user should proceed to the page with product information and

where it potentially may be added to ‘shopping cart’.

RP7. After clicking the ‘add to cart’ user should proceed to the page with the message ‘book

was added to cart’ and number of items added to the cart.

RP8. User should have ability to continue purchase other books or to proceed to check-out

***Login & Password fields:***

RLP1. Boxes with login and password information should be filled both to login and proceed

further.

RLP2. Login and Password should match with ones that were used while signing up.

RLP3. Symbols in the password field should be hidden while entering.

RLP4. Inputting information in the login and password fields may be done by copy-paste

operation.

RLP4. Attempts to login with empty fields or with incorrect information must proceed the user

to the page with an error message.

RLP5. Login should be provided by clicking the ‘login’ button’ or by pressing the ‘enter’

button on the keyboard.

RLP6. After login, the user should see a list of product items.

RLP7. After login, the page should display a ‘logout’ button.

RLP8. Should display the correct sum of purchase and amount of discount.

RLP9. After login the homepage should contain a greeting title with the name of the user.

RLP10. User should have an ability to logout and log in again with the same or other

credentials.

RLP11. After login, the user shouldn’t have a possibility to log in again while log out.

RLP12. Login should contain at least 10 symbols: 2 digits, one uppercase, and letters(all

latin)

***Sign Up button:***

RS1. The Sign Up button should proceed the user to the page with ZIP code filed.

RS2. The Sign Up button should disappear when the user logged in.

RS3. Possibility to Sign Up for a new user should exist only when the current user is logged

out.

RS4. The ZIP-code field should contain a mark that this field is obligatory to fill.

RS5. ZIP must have 5 digits.

RS6. Non-existent ZIP, ZIP less than 5 digit and empty field should cause the error with the

corresponding message.

RS7. Inputting information in sign up fields may be done by copy-paste operation.

RS8. Pressing the ‘continue’ button with correctly filled ZIP should proceed the user to the

next page with further register boxes.

RS9. This page contains required and unrequired fields.

RS10. Required fields should be marked with special annotation.

RS11. Empty fields, incorrect information or previously used email should cause the error.

RS12. FirstName and SecondName fields should be filled only by using latin letters.

RS13. Password may meet the specified requirements if it demands.

RS14. Email should match with an existing one.

RS15. Password and Confirm Password should be the same.

RS16. While entering Confirm Password all symbols should be hidden.

RS17. Correctly applied information proceeds to the page with corresponding message

concerning successful creation of account.

***Checkout:***

RC1. User can proceed to the ‘checkout’ page only after clicking the ‘proceed to checkout’

button on the shopping cart page.

RS2. Checkout page should consist of three parts: book info and total sum, shipping

information and payment information.

RS3. The first two points should be unchangeable.

RS4. Payment information fields should be filled completely.

RS5. Card Type and Expiration Date should appear as a drop down.

RS6. Other fields should appear as a free fill.

RS7. Inputting information in the checkout fields may be done by copy-paste operation.

RS8. Incorrect card number or CVV code should cause an error with corresponding

message.

RS9. Insufficient card number or CVV code with number of digits less than are required

should cause an error with corresponding message.

RS10. Empty fields should cause an error with corresponding messages.

RS11. Valid information and clicking the ‘make payment’ button should proceed the user to

the final page of this e2e process.

RS12. This page should mandatory contain: order id and message about successfully

completed order.

RS13. After the end of the process of buying, user should have the possibility to continue

purchases the same way.