**Test design techniques Homework – 04**  Fani Shundovska

Create Test Charter for random website ([https://shop.kniga.mk*/*](https://shop.kniga.mk/))

**Test Charter**

**Charter** – Explore the site with various browsers and settings to discover areas of potential risks related to unsupported configuration

- Analyze login to [https://shop.kniga.mk*/*](https://shop.kniga.mk/)

- Verify user is able to explore the list with different categories of books and make a selection for various elements when buying online

*– (Includes a mission statement- examining a particular feature, investigating a potential risk area, or validating a user workflow and areas to be tested)*

**Areas**– (Areas can be):

* **Version of OS** – Windows 10
* **Version of SW** – exmpl: Software Version Number v1.0 *(developers will always create two versions of their software and QA tester will receive the SW number from the developers and will know SW number while is going to testing the application version or the specific website)*
* **Applications used** – Exploratory testing
* **Menu** | View
* **Project specific areas:** – Problem statement, business case, goal statement, timeline, scope, team members
* **Session specific information** – *(A web session is a series of contiguous actions by a visitor on a individual website within a given time frame that is stored on a web server)* Example:

- Explore the site with various browsers or through other social websites (Facebook, Instagram, and Twitter)

- Login with registered buyers and existing user name and password, with incorrect username and password to verify validation message, forgotten password to verify validation message and with new buyers

* **Browser |** Google Chrome | Version 118.0.5993.89 (Official Build) (64-bit)

Firefox | Version 118.0.2 (64-bit)

Microsoft Edge | Version 118.0.2088.61 (Official build) (64-bit)

Brave | Version 1.59.120 Chromium: 118.0.5993.88 (Official Build) (64-bit)

* **Release** | HLR | 1.1.0 – 20231101
* **System** | HLR - (database of all active customers with all the credentials)
* **Tool | SOAP UI** | Using API testing tool Version 3.49.0 *(its functionality covers web service inspection, invoking, development, simulation and mocking, functional testing, load and compliance testing)*

**Test Environment and URL**–Software Integration Testing (SIT) | <http://qatest.sedc.mk:90/accounts/login/> *(*TESTenv | [*www.testenv.com*](http://www.testenv.com) *– any space in which software undergoes a series of experimental uses – testing is essential to any software development methodology …. A weak testing strategy can result in final deployments that are rife with bugs and errors)*

**Start Date and Time** – 22.10.2023 | 19:00 (07:00 pm)

**Tester** – Fanka Shundovska

**Task Breakdown** – Test new feature, test cases on each form object, test cases combination of both negative and positive test cases, test cases combination of functional, performance, UI (User interface), usability and compatibility test cases, Bugs logging...

* **Duration** –high (approximately 90 minutes)
* **Test Design and Execution** – 50 minutes (total amount of time spent for this activity)
* **Bugs investigation and reporting** – 20 minutes
* **Session Setup** – 20 minutes (Time required in setting up the application under test)

**Testing Notes** – I have checked all the items on the testing application with focus on behavior with various combinations of displayed elements

- *(We can put more descriptive explanation of steps: how the included tests were performed, how the test approach developed during the session and what challenges that needed to be solved or that was at least noted):*

*Examples:*

* Exploring the site with various browsers or through other social websites (Facebook, Instagram, Twitter)
* Access Login Page on various browsers with existing registered buyers or new buyers:

<https://shop.kniga.mk/customer/account/login/referer/aHR0cHM6Ly9zaG9wLmtuaWdhLm1rLw%2C%2C/>

* Verified “Forgot Password” button exists
* Verify “Remember Me” checkbox functionality exists

**Explore the site on various browsers:**

* Verify the site is loaded
* Verify Validation message

**Explore the site on various browsers:**

* Verify the site is not loaded
* Verify an error message

**Sign in with Existing Username and password:**

* Verify successful Login
* Verify Validations

**Sign in with Incorrect Username and password:**

* Verify login failed
* Verify Validation message

**Sign in with empty credentials:**

* Verify login failed
* Verify Validation message

**Test Data: -** Test with both existing accounts and newly sign up

**Data Files** - Screen shots, test files…

**Bugs** – Bug found description, including Tracker ID:

* Bug1 – cannot login with existing user – Tracker ID = 498
* Bug2 – “Remember Me” functionality does not work – Tracker ID = 499

**Risks:** - Incorrect display of a map element

- Some functions of the product may not work at a certain level

**Issues**: About testing and finding issues that standardized testing, methods might not detect - a summary description of the bugs discovered during testing and flagged during the session:

– If the login element works with incorrect username and password

- If some details doesn’t show up on specified level (exmpl: “Remember me”)

- If some books doesn’t show up with all the information’s etc.