*Internet acquiring client-server application*

**Test plan**

1. **Description of the test object**

Client-server web application for ordering connection to the Internet acquiring system. For ordering connection, you have to choose some different parameters from the dropdown lists and click ‘Submit’ button to send your selected options to the server.

1. **Functions of the test system**

Test system has 6 dropdown lists with different parameters and ‘Submit’ button. The contents of the lists below depend on the option chosen above. The ‘Submit’ button becomes available after all options have been selected.

1. **Testing strategy**

Types of testing:

* + Functional testing (testing the correct operation of selecting parameters and sending them to the server);
  + Stress testing (testing with load exceeding normal scenarios);
  + Usability testing (establishing the degree of usability, understandability and attractiveness for users);
  + Smoke testing (checking the main functionality after changes);
  + Regression Testing (testing after bug fixes);
  + Sanity testing (final test run).

1. **Test start criteria**
   * Readiness of application functionality for testing;
   * Documentation of how the application should work.
2. **Test finish criteria**
   * Fulfilled the requirements for the number of open bugs.
3. **Environment of testing system**

Client-server web application should work correctly in the operating system Windows with Chrome, Firefox and Edge browsers.

1. **Testing software**

For manual testing use OS Windows with Chrome, Firefox and Edge browsers, JMeter and Postman.

For automated testing use OS Windows with Chrome, Firefox and Edge browsers, Python programming language, PyCharm IDE, PyTest, Selenium and Allure modules.