| **ID** | 3 |
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| **Name** | Performance (Load) testing |
| **Short Description** | Load testing by simulating the main business flow with Apache JMeter tool |
| **Goal** | Check how the system works under the load. Define the allowed number of concurrent users. |
| **Precondition** | Appache JMeter and appropriate Java JDE installed on the test device. JMeter test set prepared. |
| **Success Conditions** | Test set execution is complete. Log files and test results have been created and saved, and a report has been created. |
| **Fault Condition** | Test set execution is not complete. Log files, test results and a report have not been created. |
| **Participants** | Test execute by one tester |
| **Dependencies** | During the load, visitors can enter the site, which affects the distortion of the test results. Not stable internet connection. |
| **Normal Flow** | 1. User opens the main website page Oliva.in.ua. 2. User opens “Товари” page 3. User searches for products using the search field. 4. User searches for products using the “Категорії товарів” menu 5. User chooses product 6. User puts the product to the cart by clicks on “Купити” button 7. Cart checkout |
| **Includes** | Previous Log Out and deleting items from the cart if they were added to the cart before this session |
| **Frequency of Use** | once for each 1, 5, 10, 15, 20, 25, 30 users |
| **Notes and Issues** | Do not start the next step before analyzing results. If the response time exceeds 60 seconds, you must end the test. |