**BNM-Currencies**

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16. **Introduction:**

Document “BNM-Currencies” contains all information about strategy of project testing and designed to guide.

1. **Test items:**

* Get expected exchange rates form link <https://www.bnm.md/ro/official_exchange_rates?get_xml=1&date=31.03.2017>.
* Compare this information with current exchange rates (for 31.03.2017)
* Generate dynamically HTML file with results.

1. **Features to be tested:**

On this page <http://bnm.md/ro/content/ratele-de-schimb> must be checked exchange rates, their names, char codes, number codes and nominals. Information should be the same as in XML file with expected exchange rates that we get from link.

1. **Features not to be tested:**

We don’t need to check another information on the page. For example: Loading speed of page, or the number of months in the calendar.

1. **Approach:**

First, get all information and save to our DB, then compare.

1. **Item pass/fail criteria:**

Will pass if all items are observed:

* If expected information and current is same.
* If used correct and configured software.
* If you have Internet connection.
* If the site (server) is working correct.
* If a working and configured mobile device is connect.

Will NOT pass, if at least one of the items above is not met.

1. **Suspension criteria and resumption requirements:**

All tests are independent of each other, however they depend on external common factors. For example, from the work of the site, correct software, etc.

1. **Test deliverables:**

They will appear at the end of testing in the “test-output” folder.

1. **Testing tasks:**

Main task: Check if the user of the site will see expected exchange rates.

1. **Environmental needs:**

* Java, Maven.
* Appium v1.4.16 with Platform Version: 6.0 Marshmallow (API level 23).
* Web drivers for Chrome, Firefox and IE. (Included in the project. Folder: “drivers”).
* Android device with internet connection (default Android version 4.4.2 and Chrome browser).

1. **Responsibilities:**

Test managers: Anton Iacunin, Vladislav Konstantinesku.

Developer: Andrei Ivanchioglo.

1. **Staffing and training needs:**

Training needs:

* Selenium
* XStream
* Android testing
* Apache POI
* TestNG

1. **Schedule:**

Project begin - 31.03.2017

Must be done - 07.04.2017

1. **Risks and contingencies**

Apart from the test fail criteria, must be correct expected information.

1. **Approvals:**
2. ANTON IACUNIN DATE: SIGNATURE: \_\_\_\_\_\_\_\_
3. VLADISLAV KONSTANTINESKU DATE: SIGNATURE: \_\_\_\_\_\_\_\_