**UNIVERSITATEA DE STAT DIN MOLDOVA**

**FACULTATEA DE MATEMATICĂ ȘI INFORMATICĂ**

**SPECIALITATEA INFORMATICA**

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[**RAPORT**](https://moodle.usm.md/course/view.php?id=3359#section-1) **FINAL**

***Lucrare de laborator nr.4:***

***“Test Case”***

***Principiile Testării Software***

***„Test Case”***

Sarcini:

Test cases consist of the following elements (Note: usually a test management tool is used by companies and the format is determined by the tool used):

Table

Description automatically generated

**LAB – Test cases task: Cover the following requirements with test cases (make sure you cover all necessary combinations) for airport.md web site.**

1. Homepage should provide the ability to Search any information on the web-site.

2. CURRENCY CONVERTER should be always present on DISCOVER section, and it should convert the following currencies for the user: MDL, EUR, USD, RUB, RON, UAH. Converter data should correspond Official exchange rates(bnm.md).

3. Home page should display the flight schedule for 8 last Arrivals or Departures.

Îndeplinirea sarcrinilor:

1. Search information
2. CURRENCY CONVERTER
3. 8 last Arrivals or Departures

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Test name** | **Test Description** | **Requirement description** | **Step name** | **Step description** | **Step expected results** | **Status** |
| *SEARCH INFORMATION* | Verify if search results correspond to the keyword/ phrase in the search bar | Search result must give the user the results corresponding to their search | ***1*** | Open [Chisinau Airport](https://airport.md/en) web-site | Main page is opened | ***SUCCESS*** |
| ***2*** | Open search bar | Search bar shows up |
| ***3*** | Input a piece of text  (ex. airmoldova) | text is displayed in the search bar |
| ***4*** | Press ENTER | The according articles which include the keyword in the searchbar is displayed |
| *CURRENCY CONVERTER* | Verify if currency converter tool corresponds to the official BNM currency converter | Currency converter must correspond to the official National Bank of Moldova (BNM) course | ***1*** | Open [Chisinau Airport](https://airport.md/en) web-site | Main page is opened | ***FAIL*** |
| ***2*** | Scroll down to DISCOVER part of the website | The Heading is displayed below the main page |
| ***3*** | Identify Currency converter | the Converter displays it’s default value |
| ***4*** | Open [Banca Națională a Moldovei | (bnm.md)](https://www.bnm.md/) website | Main page of BNM’s website is opened |
| ***5*** | Open the convertor | Convertor will be set at it’s default value and currency |
| ***6*** | Introducing the default value from airport.md website  (100 €) | The converter will display the right values |
| ***7*** | Compare the currency convertors on both websites | Both converters will show the same values |
| *8 LAST ARRIVALS OR DEPARTURES* | Verify if the web site displays the last 8 arrivals | Last 8 arrivals are displayed | ***1*** | Open [Chisinau Airport](https://airport.md/en) web-site | Main page is opened | ***SUCCESS*** |
| ***2*** | Access ***ARRIVALS*** tab | ***ARRIVALS*** tab displays the last 8 arrivals and their status, and other details |
| Verify if the web site displays the last 8 departures | Last 8 departures are displayed | ***1*** | Open [Chisinau Airport](https://airport.md/en) web-site | Main page is opened |
| ***2*** | Access ***DEPARTURES*** tab | ***DEPARTURES*** tab displays the last 8 departures and their status, and other details |

Images:

1. Graphical user interface, text, application, email

Description automatically generated

A screenshot of an airplane

Description automatically generated with medium confidence

2. Graphical user interface, application

Description automatically generated

A screenshot of a computer

Description automatically generated

3. A screenshot of an airplane

Description automatically generated with medium confidence

Concluzii:

***Test Case*** *acționează ca punct de plecare pentru executarea testului, și după aplicarea unui set de valori de intrare, aplicația are un rezultat definitiv și părăsește sistemul la un punct final sau, de asemenea, cunoscut sub numele de execuție postcondition.*