<<InecoOnline>> TEST PLAN

Software Requirements Specification

RELEASE 01

<<17/05/21-17/11/21>>

PREPARED FOR

ONLINE.INECOBANK.AM

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1. **INTRODUCTION**
   1. **Purpose**

The purpose of this document is to communicate the testing approach that the QA team will use for the <<InecoOnline 01>> release. This document will be used by all stakeholders including **the QA team and the Development/Management Teams.**This document will communicate internally the process used the scope of the testing and will provide a clear understanding of the testing approach to all external teams.

**1.2 Scope**

The scope of this project is limited to the testing of the features described in the succeeding sections of this document.

Non-functional testing like stress, performance is beyond scope of this project.

Automation testing is beyond scope.

Functional testing and external interfaces are in scope and need to be tested.

No QA support for mobile application developed. Only web service will be tested.

1. **Test ITEM**
   1. Project description

The goal of the InecoOnline program is to facilitate customers’ communication with the bank, to carry out any banking transaction without visiting to the bank. It is important that all functionalities of the program will run perfectly. Over a period, the time, new and new functionalities will be added to the InecoOnline program.

**2.2 Items to be tested/Not tested**

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| 1. Login | * Succesfully entering to the program * The timeliness of the links on the log on page | <17/05/21> | 7pt |
| 1. Transaction section | * Transfer between my accounts * Transfer to card * Transfer in AMD * Transfer in RUB * Transfer in Other Currency * Currency Exchange * Utility payments * Penalties and other payments * Loan Repayment * Fast Transfer * Deposit Relpenishment | <01/06/21> | 10pt |
| 1. Applications | Card   * Apply for a card * Link another bank card * Apply for Card Reissue * Cash Withdrawal Limits Change * SMS notifications * Block/unblock a card   Loan   * Apply for a Credit Line * Credit Line Limits Change * 1 CLICK loan   Deposit   * Apply for a Deposit * Change Deposit Terms   Accounts   * Cash Order * Apply for a reference * Apply for an Account * Change tariff plan | <01/08/21> | 10pt |
| 1. Mail | * Testing Letters link * Testing Templates link * Testing Write Letter | <01/10/21> | 8 pt |
| 1. Directories | * Testing currency exchanges * Testing Armenian Banks link * Testing International Banks * Testing Countries link * Testing Requisites link * Testing Pension directory | <15/10/21> | 5 pt |
| 1. Settings | * Testing Client information link * Testing Change Password * Testing InecoOnline management link * Testing Correspondents link * Testing User Options * Testing Notification Options * Testing Change password option * Testing Operations log link * Testing Client information link | <01/11/21> | 7pt |

**Items not to be tested**

In InecoOnline web version is impossible to test

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| Inecofriend functionality | There aren’t a possibility to transfer money with choosing phone number from contact list |
| Inecopay functionality | Thera aren’t possibility to do Inecopay payment |
| Transfer to card functionality | There aren’t possibility to transfer money to card with scanning card number |

* 1. **Test deliverables**

This QA testing schedule is largely based on the development and technical publications schedules. All dates are subject to change if the development or documentation molestones are moved. Here are the subject to change if the development or documentation milestones are moved. Here are the key dates and testing periods.

|  |  |
| --- | --- |
| **Milestone/Project** | **Completion/Execution Dates** |
| Requirements Review/Estimation | <mm/15/05/21> |
| *Test Case preparation* | <mm/01/06/21> |
| *Test Case review* | <mm/01/07/2021> |
| Manual Testing | <mm/01/08/2021> |
| Automation script preparation | <mm/01/11/2021> |
| Automation code review | <mm/10/11/2021> |
| Regression testing(manual+automation) | <mm/15/11/2021> |

**2.4 Staffing / training Needs**

To test the program, you need to be a user, have current bank and card accounts.

It is necessary to apply ingenious ideas to check all the sections of the program.

**3. Risk and mitigation**

**3.1** Test Risks/issues

There can be risk not be able to make transfer with phone number of other countries. And may be risk not be able to make swift transfer to foreign banking accounts.

**4. Test Environment and infrastructure**

**4.1** Required infrastructure

The test environment is the domain of InecoOnline program and the availability of high-speed internet is a sufficient condition.

**5. Roles and responsibilities**

**5.1** Roles and assigned responsibilities

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Testing team/QA managers | The testing team ensures compliance with the requirements throughout the process correct operation of the program. |
| QM | Manages the whole testing process. |
| Team lead | QM ensures the integrity of the team work. |

**5.2 Test Team leader**

**Team Management - Planning Tasks**

* Define detailed Test schedule for team.
* Provide initial test planning for the QA team.
* Define QA Team roles and responsibilities.
* Estimate effort for the various deliverables.
* Identify training requirements.
* Identify support requirements.
* Interview candidates to fulfill the various Software Tester roles.

**Team Management - Daily Tasks**

* Define QA tasks to be performed.
* Resolve management issues involving QA and the development team.
* Track ongoing QA preparation and execution tasks in a schedule tool.
* Manage the QA Team (motivation, assessment, and orientation of new members).

**Team Management - Weekly Tasks**

* Assign tasks to various team members.
* Attend applicable management meetings for the purpose of providing QA's approval of all change requests (when applicable).
* Chairs the team status meetings.

**Team Management – Ad hoc Tasks**

* Manage testing of software fixes during the Beta, Final and Regression phases of Testing.
* Identify potential testing roadblocks.
* Write performance reviews of testers.

**Team Management - Deliverables**

* Ensure quality, timeliness of the various testing deliverables as identified in this Strategy document.
* Provide comments as the internal testing reviewers for the development deliverables (Functional Specs, design docs, etc.).

**5.3  Software Tester**

The software tester reports to the QA Team Leader/Manager and is responsible for writing and executing manual and automated tests.  The Software Tester's responsibilities include:

**Test Plan/Matrices and Scripts Preparation**

* Research relevant documentation to become knowledgeable enough to understand how the application was designed for the purpose of writing Test Plans/Matrices and Scripts.
* Write test plans that can be easily reproduced.
* Write test scripts that are easy to maintain.
* Ensure test plans and scripts are Traceable to applicable requirements and functional design documents (Functional Specs, help text, Design Documents, etc.).
* Write test cases (required set-up, procedures and information).
* Attend testing overviews (if available).

**Independent Verification of Test Specs/Matrices and Scripts**

* Provide Test Plans/Matrices and Scripts for review by peers, development and marketing representatives.
* Incorporate review comments into Test Plans/Matrices and Scripts.
* Conduct peer reviews Test Plans/Matrices and Scripts.

**Test Execution**

* Execute the Test Plans and Matrices.
* Run the automated tests.
* Report problems by raising bugs in Siebel.
* Follow up on bugs previously submitted in Siebel.

**Analyze Results**

* Report on successful test spec/matrix completion.
* Report on successful automated test completion.
* Verify successful resolution of bug fixes by verifying the contents of the bug reports and rerunning the test where applicable.
* Identify issues that should be documented in the Readme/Release Notes.
  1. **Test Schedule**

**6.1** Milestones and schedule

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone/Project** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Requirements Review/Estimation | <mm/ |  | 15/05/21 | 31/05/21 |
| *Test Case preparation* | <mm/ |  | 01/06/21 | 30/06/21 |
| *Test Case review* | <mm/ |  | 01/07/21 | 31/07/21 |
| Manual Testing | <mm/ |  | 01/08/21 | 31/10/21 |
| Automation script preparation | <mm/ |  | 01/11/21 | 09/11/21 |
| Automation code review | <mm/ |  | 10/11/21 | 14/11/21 |
| Regression testing(manual+automation) | <mm/ |  | 15/11/21 | 17/11/21 |

**As your first Test Plan, very good Julia jan**