*<BANK online>*

Test Plan Template

**Release*<1>***

***<01.12.2021> - <15.12.2021>***

VERSION HISTORY

[Provide information on how the development and distribution of the **Test Plan**, up to the final point of approval, was controlled and tracked. Use the table below to provide the version number, the author preparing the version, the date of the version, the name of the person approving the version, the date that particular version was approved, and a brief description of the reason for creating the revised version.]

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **ID &Version #** | **Prepared**  **By** | **Revision**  **Date** | **Approved**  **By** | **Approval**  **Date** | **Reason** |
| 1 | *ManyakGabrielyan* | *<17.11.2021>* | *NAME SURNAME* | *<25.11.2021>* | release number |
|  |  |  |  |  |  |

TABLE OF CONTENTS

[1 Introduction 4](#_Toc486519897)

[1.1 Purpose of The Test Plan Document 4](#_Toc486519898)

[2 Test ITEM 4](#_Toc486519899)

[2.1 Project description 4](#_Toc486519900)

[2.2 Items to be Tested / Not Tested 4](#_Toc486519901)

[2.3 Items to be excluded 4](#_Toc486519902)

[2.4 Test Approach(s) 4](#_Toc486519903)

[2.5 Test Deliverables 4](#_Toc486519906)

[2.6 Staffing / Training Needs 5](#_Toc486519908)

[3 Risk and mitigation 5](#_Toc486519909)

[3.1 Test Risks / Issues 5](#_Toc486519910)

[4 Test Environment and infrastructure 5](#_Toc486519911)

[4 Required Infrastructure 5](#_Toc486519912)

[5 Roles and responsibilities 5](#_Toc486519914)

[5.1Roles and assigned responsibilities 5](#_Toc486519915)

5.2 Test Team Leader………………………………………………………………...7

5.3 Software Tester…………………………………………………………………..8

[6 Test Schedule 8](#_Toc486519916)

[6.1 Milestones and schedule 9](#_Toc486519917)

# Introduction

## Purpose of The Test Plan Document

The purpose of this document is to communicate the testing approach that the QA team will use for the <BANKONLINE No 1 version > release. This document is targeted to the following reader groups:

**The QA Team**- This document will communicate internally the process used and the scope of the testing.

**The Development/Management Teams**- This document will provide a clear understanding of the testing approach to all external teams.

# Test ITEM

## Project description

This Test plan is prepared for Bankonline project.BankOnline is a reliable and secure digital banking solution that enables our customers to access almost all banking services through a PC with internet connection, without visiting the bank. With the help of BankOnline, you’ll have access to basic banking services such as getting loans, making deposits, accounts management and receipt of information, money transfers, foreign currency non-cash conversions, etcetera, and all this without visiting the bank.

## Items to be Tested / Not to be Tested

[In scope features. This could be newly added or updated features. Indirect features that has technical or functional dependency on newly added or updated features. Out of scope feature. Excluded product features from current Test Plan.]

|  |  |  |  |
| --- | --- | --- | --- |
| **Item to Test** | **Test Description** | **Test Date** | **Estimation** |
| login | Testing of Bankonline login | 22/11/2021 | 2pt |
| Reset password | Testing of reset password | 22/11/2021 | 2pt |
| accounts | * Account balance * Account details * View statement * Cash order * Statement download options * Statement dates | 22/11/2021 | 5pt |
| Payments cards | * Cards balance /online and available/ * Apply for a card * Link anuther bank card * Apply for card reissue * Payment card terms and conditions * View statement * Card replenishment * Cash withdrawal lilits change * Sms notifications * Statement download options * Statement dates | 22/11/2021 | 5pt |
| loans | * Current loan * Get loan functional * Payments of currens loan * Current loan statement | 22/11/2021 | 5pt |
| deposits | * Current deposits details * Bank deposit terms and conditions link * View statement * Apply for a deposit * Change deposit terms link * Deposit statement download options | 22/11/2021 | 5pt |
| new transaction scope | * Transfer between my accounts * Transfer to card * Transfer in AMD * International Transfer in RUB * Transfer in RUB in Armenia * Transfer in other currency * Currency exchange * Utility payments * Loan repayment * Fast transfer * Deposit replenishment * Group payments * Salary payments | 22/11/2021 | 5pt |
| Pension dictionary | * Get statement | 22/11/2021 | 2pt |
| Easy transfer | * Inecofriend functional | 22/11/2021 | 5pt |
| Transactions section | * Transaction history * Periodical payments * Statement * templates | 22/11/2021 | 3pt |
| Applications sections | * applications * templates * card applications * loan applications * deposits applications * accounts applications | 22/11/2021 | 3pt |
| Mail section | * letters * lemplates * write letter | 22/11/2021 | 2pt |
| Directories section | * currencies * Armenian banks * International banks * Countries requisites * Currency calculator | 22/11/2021 | 2pt |
| Settings section | * Client information * Change password * Inecomobile management * Correspondents * User options * Notification options | 22/11/2021 | 3pt |
|  |  |  |  |

## Items to Not be tested

|  |  |
| --- | --- |
| **Item Not to Test** | **Comment** |
| * Digital card details * Copy of card number * View CVV cod | These functionals are designed for mobile application |
|  |  |
|  |  |

## Test Approach(s)

[Strategy to test the software. Includes types of tests and how to test. Functional, performance, security testing using combined [manual + automation], manual only, automation only approach.]

For testing Inecoonline by the QA team used the following type of testings:

The testing is performed by Manual QA spesialists.

We need to do static and dynamic testing / unit testing, regretioan testing, performance testing, White box testing, black box testing, non functioanal testing – security testing usability testing and ect./

## 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 milestones are moved. Here are the key dates and testing periods.

| Milestone/Project | Completion/Execution Dates |
| --- | --- |
| Requirements Review/Estimation | 17/11/2021 |
| *Test Case preparation* | 18/11/2021 |
| *Test Case review* | 19/11/2021 |
| Manual Testing | 22/11/2021 |
| Automation script preparation | 23/11/2021 |
| Automation code review | 24/11/2021 |
| Regression testing(manual+automation) | 25/11/2021 |

## 

## Staffing / Training Needs

[Describe any specific requirements needed for the testing to be performed (staffing, skills training, etc).)]

The staff needed to trainings for improve banking skills .

# Risk and mitigation

## Test Risks / Issues

Include in this section any areas that may impede the progress of testing. Basically this section is an outstanding items list for QA.

# Test Environment and infrastructure

## Required Infrastructure

[Describe therequired infrastructure for test environment]

We need to testing Inecoonline web application , log in through google chrome .

# Roles and responsibilities

## Roles and assigned responsibilities

[Describe various roles and responsibilities given to them. E.g. Junior Tester, Senior Tester, Project Manager etc.]

|  |  |
| --- | --- |
| **Role** | **Responsibility** |
| Project manager | The project manager are responsible for organizing the whole process |
| Team leader | Team leader are responsible for manage, monitoring and control whole testing process |
| Senior tester | Senior testers are responsible for each scope of testing |
| Junior tester | Junior testers are responsible for doing testing each functional |

## Test Team Leader/Manager

The QA Team Leader/Manager is responsible for the following:

**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 – Adhoc 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.).

## 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.

# Test Schedule

## Milestones and schedule

[Describe the describe key milestones, deliverables, efforts, start date and end date]

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Milestone** | **Deliverable** | **Effort(Person Hour)** | **Start Date** | **End Date** |
| Test case preparetion | Test cases | 32 | 21/11/2021 | 25/11/2021 |
| Bug report design | Bug reports | 16 | 21/11/2021 | 29/11/2021 |
| Test summary reports design | Test summary reports | 8 | 29/11/2021 | 30/11/2021 |