TEST PLAN "EDUCADORES BOJACA" SOFTWARE, CDT MODULE

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INTRODUCTION

In the software development projects, may arise bugs on any phase of life cycle, some of them even remain undiscovered, hence the importance of test development, this document, exposes the test plan that to be made, to verify the requirements functionals of Cdt Module, for the software "Educadores Baojaca", meet the acceptance criteria

Nowadays, technological devices are used in a large number of activities for the life of the human being, and in some areas it is a critical factor, such as electronic transactions, stock exchange business, air transport, in these cases it is necessary the correct operation of the software, "The bump of Wall Street" Where the computer system on October 19, 1987 (Black Monday) could not control the massive exodus of investors, generating a collapse and saturation of the market, a situation that cost Wall Street 500,000 million dollars

CONTAIN

GENERAL PURPOSE

Perform Planning to address the tests in the Cdt's Module

SPECIFIC OBJECTIVES

- Define the scope of the test plan

- Specify the acceptance criteria

- Define the test strategy

- Set the timeline for the process

1. VERSION HISTORY

DATE	VERSION	AUTHOR	DESCRIPTION
29-09-2018	1	Víctor Cuellar, Juan Salas, Julián Martínez	Preparation of test plan

1.1 PROJECT INFORMATION

COMPANY/ENTITY	EDUCADORES BOJACA - COOPERATIVA MULTIACTIVA DE EDUCADORES DE BOJACA
Project name	BACKOFFICE EDUACORES BOJACA
Manager /Project Leader	Julián Martínez
Manager/ Software teSt Leader	Juan Salas
Quality Analyst	Víctor Cuellar

2. REACH

The Educadores Bajaca software has 18 modules of which the following functionalities of the Cdt's module will be covered:

1. Creation of Cdt's

2. Edition of Cdt

3. Annullation of Cdt

4. Block of Cdt's

5. Unlock Cdt's

3. CRITERIA FOR ACCEPTANCE OR REJECTION:

- The test plan will provide complete coverage of the 5 functionalities discussed above.

- The test plan will be completed when 100% of the functional tests have been performed.

- The test plan must end with at least 82% of successful test cases.

3.1 SUSPENSION CRITERIA

The test plan will be suspended in case there is some kind of update by the developers.

4. TEST STRATEGY

Bearing in mind that tests will be carried out at the System level, it is important to know that, in order to carry out the testing process in the functionalities described in the Scope, a version of the software that has these functionalities must be available, and STG a environment similar to production to perform the various test scenarios.

4.1 TYPE TEST

The tests to be carried out are of functional type due to the fact that the correct functioning of the presented options was reviewed. The specific type of test that will be carried out will be the state transition due to the verification of the options presented there and their optimal operation.

It must be taken into account that at the time of performing the test, it is not possible to continue normally unless the mandatory fields are filled out

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4.2 TEST CASES

Design: Test case specifications Cdt module

VERSION	1
TEST CASE ID	EDU-CDT-1001
TEST CASE NAME	Cdt Constitution
DESCRIPTION	This option allows to Create a CDT, Edit a CDT already created or Cancel a CDT in Status Entered. An associate can have as many CDT's as he wants.
ACTORS	Commercial Agent (AC): Is the person in charge of advising the associates
INITIAL CONDITIONS	That the associate is actie
EVENT FLOW	1. The AC must select in the checkbox "Create Cdt". 2. The system must enable the fields requested by the creation of a Cdt. 3. The AC must enter the agency where the Cdt will be constituted, this value must be numeric and of maximum 2 digits. 4. The CA must enter the opening date found in the DD / MM / YYYY format. 5. The CA must enter the type of Cdt that will open, this will be numeric and will only have one digit. 6. The system must generate a Cdt number consisting of the Cdt type code, the agency code and a consecutive five-digit number. 7. The AC assigns the name of the owner who is usually the associate in a text field, only accepts alphabetic characters. 8. In the "Interest rate" checkbox, select the interest rate that the member is willing to accept.

	9. The CA must enter the term that consists of a numeric value of no more than 3 digits and constituted in days. 10. The system will determine the% of the Annual interest rate depending on the value entered in the term. 11. The AC must enter the value of the Cdt that for the constitution 12. The CA must enter in the field "contact information" the number of contacts of the partner, these will be numerical values. 13. The AC must enter in the field "Observations to the title" the novelties that are presented, it consists of 200 alphanumeric characters.
OUTPUT CONDITIONS	The cration Cdt

VERSION	1
TEST CASE ID	EDU-CDT-1002
TEST CASE NAME	Edition de Cdt's
DESCRIPTION	It allows to edit the data of a Cdt
ACTORS	Commercial Agent (AC): Is the person in charge of advising associates and entering data into the system.
INITIAL CONDITIONS	That the associate has a Cdt in the "entered" state
EVENT FLOW	1. In the checkbox check the option "Edit Cdt". 2. The system enables the fields to be edited. 3. All fields have the same input value as the test case EDU-CDT-1001
OUTPUT CONDITIONS	The edited Cdt
WAY EXCEPTION	None

VERSION	1
TEST CASE ID	EDU-CDT-1003
TEST CASE NAME	Annulation Cdt's
DESCRIPTION	Allow annul Cdt
ACTORS	Commercial Agent (AC): Is the person in charge of advising associates and entering data into the system.
INITIAL CONDITIONS	That the associate has a Cdt that he wishes to annul
EVENT FLOW	1. In the checkbox check the option "Annul Cdt". 2. The system enables the observation field to place the annulation detail which is alphanumeric and of 200 characters. 3. The system enables the confirmation button to carry out the annulation.
OUTPUT CONDITIONS	The Cdt annulation
WAY EXCEPTION	None

VERSION	1
TEST CASE ID	EDU-CDT-1004
TEST CASE NAME	Blocking Cdts
DESCRIPTION	It allows to block a CDT in 3-Valid state. The purpose is that the cancellation of the title can not be made while it is in a 5-Blocked state
ACTORS	Commercial Agent (AC): Is the person in charge of advising associates and entering data into the system.
INITIAL CONDITIONS	A Cdt in valid status.

EVENT FLOW	1. The AC must enter the number of the Cdt that consists of 8 digits, only accepts numerical values. 2. The system must fill the fields State, Type d Cdt, holder when identifying the number of the Cdt. 3. The blocking date must be taken by the system and can not be editable. 4. The CA must enter in the description field the reason for the blockade, it accepts alphanumeric characters.
OUTPUT CONDITIONS	The edited Cdt
WAY EXCEPTION	None

VERSION	1
TEST CASE ID	EDU-CDT-1005
TEST CASE NAME	Unlocking CDT'S
DESCRIPTION	Description Allows you to unlock a CDT in a 5-Blocked state
ACTORS	Commercial Agent (AC): Is the person in charge of advising associates and entering data into the system.
INITIAL CONDITIONS	A Cdt in a blocked state.
EVENT FLOW	1. The AC must enter the number of the Cdt that consists of 8 digits, only accepts numerical values. 2. The system must fill the fields State, Type d Cdt, holder when identifying the number of the Cdt. 3. The CA must enter the blocking date of the Cdt in the blocking date field with the DD / MM / YYYY format. 4. The CA must enter in the description field of the block the reason for

	blocking the Cdt, accepts alphanumeric values. 5. The system must enable the "Print format" button. 6. When clicking on the print format button, a preview of the format to be printed should appear.
OUTPUT CONDITIONS	Unlocking the Cdt
WAY EXCEPTION	None

4.3 TIME LINE

MONTH		SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	Week 44	28	29	30	31	1	2	3
Nov. 2018	Week 45	4	**5** Functionality 1	**6** Functionality 2	**7** Functionality 3	**8** Functionality 4	**9** Functionality 5	10
	Week 46	11	12	13	14	15	16	17
	Week 47	18	19	20	21	22	23	24
	Week 48	25	26	27	28	29	30	1

5. ASSUMPTIONS

For the development of this project, we have the following assumptions, so it is considered that we have the following to perform the tasks of the testing process:

• Have computers

• Have the application to test

• Have a username and password

• Have internet