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Software Test Document

Version: 1.10

Date

Prepared by:

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History

Name	Dates	Version	Task
Wilfredo Garcia Gonzalez	03-11-2018	1.0	Wrote the section 1 and 2
Luis M Aquino Castillo	03-13-2018	1.5	Wrote section 8 and 9.
Cristian Sanchez Vazquez	03-13-2018 03-15-2018	1.4 1.7	Wrote the section 7. Organized and edited document
Omar E. Sánchez Serrano	03-12-2018	1.1	Wrote the section 3 and 4
Ericka C. Torres Morales	03-12-2018	1.3	Wrote the section 6.
Víctor D. Morales Figueroa	03-12-2018	1.2	Wrote the section 5.
Anthony J. Vega Mena	03-14-2018	1.6	Wrote section 10.

Contents

List of Tables:

1   Scope

In this documents we are going to describe a set of standard test, what will do and what it will not do. The name of the system is Clasificados Prime (CP). It follows the standards of the IEEE (Institute of Electrical and Electronics Engineers, 1963). The Software Test Documentation's intended audience is the clients which will be the heads, the tester and administrators of Clasificados Prime and developers that will be the company "RSS" (Rush Software Solution, 2018).

2   References

The following references are used in preparing this STD:

[1] ANSI/IEEE Std 1012 - 2004 - IEEE Standard for Software Verification and Validation

[2] ANSI/IEEE Std 610.12 - 1990 - IEEE Standard Glossary for Software Engineering Technology

[3]ANSI/IEEE Std 610.12 - 1990 - IEEE Standard Glossary of Software Engineering Terminology

[4]ANSI/IEEE Std 829 - 1998 - IEEE Standard for Software Test Documentation

3   Definitions

In this section will be provided the definitions of all the concepts mentioned in the document, the acronyms and the abbreviations that are in the document to can be interpreted correctly. Next, you will see 3 tables. Each of the tables has a different purpose. Table 1 entitled Definitions, have the terms with their definitions. Table 2 entitled Acronyms have the acronyms with their meaning and Table 3 entitled Abbreviations have the abbreviated words and their meaning.

Terms	Definition
Application	is a program designed to perform a specific function directly for the user or, in some cases, for another application program
pass/fail criteria	decisions rule used to determine whether a software item or a software feature passes or fails a test
software feature	a distinguish characteristic of a software item.
Database	is a collection of information that is organized so that it can be easily accessed, managed and updated
User	Person that interacts with the system. Could be a seller or buyer.
Interface	a common boundary or interconnection between systems, equipment, concepts, or human beings
Browser	A program with a graphical user interface for displaying HTML files, used to navigate the World Wide Web.
OS (OPERATING SYSTEM)	is the software that supports a computer's basic functions, such as scheduling tasks, executing applications, and controlling peripherals
software item	source code, object code, job control code, control data, or a collection of these items
User-friendly	is a feature or interface designed to be easy to understand by simple observation.

Table 3.1: Definitions

Terms	Definition
Web Server	is a computer system that processes requests via HTTP, the basic network protocol used to distribute information on the World Wide Web
test	a set of one or more test cases, or a set of one or more test procedures, or a set of one or more test cases and procedures.
test case specification	a document specifying inputs, predicted results, and a set of execution conditions for a test item
test design specification	a document specifying the details of the test approach for a software feature or combination of software features and identifying the associated tests
testing	the process of analyzing a software item to detect the differences between existing and required conditions and to evaluate the features of the software item

Table 3.1: Definitions

Acronym	Meaning
API	Application Programming Interface
IEEE	Institute of Electrical and Electronics Engineers
I/O	Input/output
DBMS	Data Management System
OS	Operating System
HTML	Hyper Text Markup Language
STD	Software Test Documentation

Table 3.2: Acronym

Abbreviations	Meaning
I.D.	Identification.
Etc.	Etcetera
App	Application
Admin	Administrator

Table 3.3: Abbreviations

4 Test Plan

The following information provides a description of the test to be done on the product.

4.1 Purpose

A system test plan for the "Clasificados Prime" should support the follow objectives:

a. To detail the activities required to prepare for and conduct the system test.
b. To communicate to all responsible parties the tasks that they are to perform and the schedule to be followed in performing the tasks.
c. To define the sources of the information used to prepare the plan.
d. To define the test tools and environment needed to conduct the system test.

4.2 Outline

The following information represents the structure of a test plan.

4.2.1 Test Plan Identifier

This section provides an identifier for the test plan.

- CPTP-001

4.2.2 Background

The company "Rush Software Solutions" developed a order delivery system that will solve the problem of buying a product from "clasificados online" and risking for fraud circumstances that might be presented.

4.2.3 Test Item

This section present what will be tested in the product.

- User's Procedures
- Order fulfillment

4.2.4   Test

This section represents in details the items to be tested.

1. User's Procedures

- The online procedures of the steps the user will log in, register and manage their accounts of clasificados online prime. Also, the user will have the option to select from having a buyers account and sellers account.

2. Order fulfillment

- The procedure of the way an order will be placed, upload and proceeded to the checkout and shipping process.
- The upload of the seller's product and its pricing and description.

4.2.5   Approach

The personnel will use the system documentation to prepare all test design, case, and procedure specifications. This approach will verify the accuracy and comprehensiveness of the information in the documentation in those areas covered by the tests.

1. User's Procedures:
   - This test will test how long it takes the user to register and verify the efficiency of validating the user's information if they mark some incorrect information or leave some blank text field and can be sign-in successfully in the web page.

2. Order fulfillment
   - This test will how long iit takes the process to place an order and that the payment is processed and reflected in the user's account.

4.2.6   Item pass/fail criteria

This section is about the requirement for failing or passing the test.

User Procedures:

Fail	Pass
If user can not access their account.	Keeps people connected.
If user can not create an account.	User can access their account.
If user cannot use the page.	User can create their account.

Table 4.2: User Procedures Item pass/fail criteria

Order fulfillment:

Fail	Pass
User will not be able to proceed to checkout.	User could effectively checkout order.
User will not be able to make an order.	User can order and buy online.
User will not be able to upload a product.	User can upload a product.

Table 4.3: Order fulfillment Item pass/fail criteria

4.2.7   Suspension criteria
If any of the pass/fail criteria are not met at any time, all testing activities will be suspended.

4.2.8   Resumption Requirements
When a new version of the system is transmitted to the test group after a suspension of testing has occurred, a regression test as described in 6.6 will be run.

4.2.9   Test deliverables
The deliverable document that will be used are:

- Test Plan
- Test Design Specification
- Test Case Specifications
- Test Procedure Specifications
- Test Logs
- Test Incident Reports
- Test Summary Report

All test inputs and outputs must be recorded in reports and logs.

4.2.10 Environmental needs

To perform the different tests must be done in an appropriate environment with a good Internet connection and different computers so that you can perform the different tests. The hardware must be connected to a power source.

The testing will be done with the Clasificados online prime hardware configurations.

- The Window 10 will be used at the hardware for the computer
- Browsers: Google chrome (Chrome 65) , Internet explorer browser(Explorer 10) , Firefox browser (version 58).

Security

- Having someone to administrate, testing and securing that the transactions and account are secured with security testing tools.

4.2.11 Responsibilities

They will be four groups that will be responsible for the testing of the system.

Managing Group	Design Group	Preparing Group	Testing Group
RSS member (Refer to Software Project Management Plan)	RSS member (Refer to Software Project Management Plan)	RSS (Refer to Software Project Management Plan)	The buyers and sellers that will be using the service.

Table 4.11: Responsibilities

4.2.12 Staffing and Training needs
The following information presents the level of skill needed in the following groups:

- Managing
    - Need a problem solving and decision-making skillset.
    - Planning.
    - Internal communication.
    - Advance knowledge in the programing language used.
- Designing
    - Understanding of software engineering practices.
    - Experienced using programing languages used to develop the platform.
    - Problem solving skills.
- Preparing
    - Experience on installing products.
    - Experience with programing languages used on developing the product.

- Testing
    - The ability to apply basic and fundamental knowledge.
    - Knowledge on what the product is supposed to do.
    - Experience testing software engineering products.

The training required of the necessary skills are the following:

- Managing
    - Experience managing groups of software programmers
    - Bachelors in Computer engineering or Computer Science
    - Years of experience in the managing field.

- Designing
    - Bachelor in Computer Science or Computer Engineering.

- Preparing
    - The company will provide the necessary knowledge and instructions to install the product

- Testing
    - The company will require the necessary knowledge and instructions to test the product.

4.2.13 Risk and contingencies

If the all testing is impacted by system failure, if the fails there must be trained group to deal with the database and ensure the information of the users. Because there may be risks of losing of exposing personal information of sellers and buyers.

4.2.14 Approvals

This section presents the names, titles and date of all the people who need to sign the document.

Members of Rush Software Solutions:

_____   _____

 Title, Anthony J. Vega Mena   Date

_____   _____

Title, Ericka Torres Morales   Date

_____   _____

Title, Victor Morales Figueroa   Date

_____   _____

Title, Cristian J. Sánchez Vazquez   Date

_____   _____

Title, Wilfredo Garcia Gonzalez   Date

_____   _____

Title, Luis Aquino Castillo   Date

_____   _____

Title, Omar E. Sánchez Serrano   Date

Clients:

_____   _____

Title, Name   Date

5 Test design specification

5.1 Purpose

The purpose of the Test Design Specification is to specify changes for the test approach and identify features that are going to be tested by design.

5.2 Outline

This Software Test Design document has the following structure:

5.2.1 Test design specification identifier

The unique identifier to this test design is CPTP-002. This document is associated with test plan CPTP-001.

5.2.2 Features to be tested

Test Design Specification Number	Description
CPTP.002.004	Option Button
CPTP.002.007	Cart Button
CPTP.002.011	Upload products
CPTP.002.001	Search Funcionality

Table 5.1: Features to be tested

5.2.3 Approach refinements

To specify refinements to the approach described in test plan.

Level	Responsibility	Refinement	Identification
Acceptance Testing	Client	Take the software to the client	Client verify that the software is created according to the requirements
System Testing	Test group	Create new tests and run them	Manual test cases to get visible results
Integration Testing	Developer	Insert new module	System works, automated test returns correct results
Module Group	Developer	Create new module and test it	Testing passes

Table 5.2: Approach refinements

Testing techniques:

- ● **Unit testing**

    - Strategies to perform these tests consists of generating the test cases needed:

    ○ For each statement or instruction of the program to run successfully at least once

    ○ For each condition is at least once a true result and at least once a false

Black-Box Test: User's Procedures Sign-In

The objective of this test is to verify the *Sign-In* activity involving the user validation and identification.

Case 1: Correct User Credentials

- a. Tester enters correct username.
- b. Tester enters correct password.
- c. Tester clicks the "login" button.
- d. Tester annotates response.

Case 2: Incorrect User Credentials

- a. Tester enters incorrect username.
- b. Tester enters incorrect password.
- c. Tester clicks the "login" button.
- d. Tester annotates response.

Case 3: Correct Username-Incorrect Password

- a. Tester enters correct username.
- b. Tester enters incorrect password.
- c. Tester clicks the "login" button.
- d. Tester annotates response.

Case 4: Incorrect User-Correct Password

- a. Tester enters incorrect username.
- b. Tester enters correct password.
- c. Tester clicks the "login" button
- d. Tester annotates response.

Pass / Fail Criteria:

These are the rules that determine if the *Sign-In* feature passes or fail the tests.

Case 1:

- Pass: The system responds by creating a session
- Fail: The system does not successfully create a session

Case 2:

- Pass: The system responds by displaying an error message
- Fail: The system does not display the error message

Case 3:

- Pass: The system responds by displaying an error message
- Fail: The system does not display the error message

Case 4:

- Pass: The system responds by displaying an error message
- Fail: The system does not display the error message

White-Box Test: Order fulfillment

The objective of this test is to verify the Order fulfillment activity.

Case 1: Test Select a item

a. Tester logs in to system with provided credentials.
b. Tester clicks "Select Item" button.
c. Tester checks if the select item is in the cart to then buy it.
d. Tester logs out of the system.

Case 2: Test Buy a item

This test assumes that tester has already completed case 1 and the test passed.

a. Tester logs in to system with provided credentials.
b. Tester select an item to buy.
c. Tester clicks "Buy Item" button.
d. Tester checks if the item is processed and if it is saved in the order history.
e. Tester logs out of the system.

Pass / Fail Criteria:

These are the rules that determine if the Order fulfillment feature passes or fail the tests.

Select item case:

- Pass: All questions items were successfully inserted into the database.
- Fail: At least one of the item is not saved.

Test Buy a ítem case:

- Pass: All the items purchased were successfully inserted in the database.
- Fail: At least one of the purchased item was not saved.

Integration Test: Student Functions

The objective of this test is to verify all the services of the system through the web application graphical interface.

Bottom-Up Test

Case 1: User Interface

a. The tester opens the web browser.
b. The user enters the web address www.clasificadosprime.com
c. The user signs in with provided credentials.
d. The user selects a item.
e. The user add item to cart.
f. The user buy a item.
g. The user signs out.

Pass / Fail Criteria:

These are the pass/fail criteria to determine if the integration test of the usert interface passes or fail.

Case Pass Conditions:

    a. After entering the web application address the user is presented with the Sign-In page.

    b. After signing in the user is presented with the application dashboard.

    c. After selecting a item the user check if the item is added in the cart.

    d. After filling out the information to buy a item the buy button becomes available.

    e. After buy the item the user is presented with a message saying that the order has been processed.

    f. After signing out the user is presented with a message saying that she has logged out successfully.

Functional Test

Case 1: View the Notification Message in his email

    a. Tester check if a confirmation of his order is in the email account in the next 3 minutes after buy the item.

Pass / Fail Criteria:

- Pass: The email is received before the 3 minutes.
- Fail: The email is received after 3 minutes.

5.2.4 Test Identification

To list the identifier and brief description of any test case.

Feature	Responsibility	Refinement	Identification
Manage Users	Client (Administrator)	User permissions assigned by the administrator	Users permissions needs to match exactly with the database
Web Page	Developer	User permission for the users and the maintenance	Clasificados Prime servers needs to work with the users and the web page needs to work properly
Database Access	Developer	New data must be added to the database	Servers are working and the database is accessed successfully

Table 5.3: Test Identification

5.2.5 Feature pass/fail criteria

Bugs will be rate according to their severity. They are classified:

- Minor
- Normal
- Serious

Priority	Requirement
High	Less than 2 unresolved bugs with minor severity. Not Over 5 unresolved bugs
Medium	Same as above, but can contain less than average I unresolved bugs of normal severity.
Low	No unresolved bugs with serious severity. Not more than 5 unresolved bugs

Table 5.4: Feature Pass/Fail criteria

Feature	Requirement
Inner working components	Eeasy monitoring of implementations
Manage users	The system must have a module or interface that facilitates user management by the administrator
Reliability	Each error that may arise must be controlled. It should display a custom error display to the user and to the server to identify the error
Security - authentication	Users must identify themselves, on the web page they will need to have a username and password to get the information on the database
Performance	It is expected that the response time of the system to a user request is 1 second
Database Access	Must have a large capacity of storage and reliable dbms

Table 5.5: Pass/Fail criteria

6 Test case specification

6.1 Purpose

To define a test case identified by a test design specification.

6.2 Outline

6.2.1 Test case specification identifier

To case identifier is: is CPTP-002.

6.2.2 Test items

This section presents the case to be tested which are:

1. The enter incorrect credential three times.
2. The user logs in successfully.
3. The user is inactive for 30 minutes and when he wants to buy an item and click on the purchase button the system should ask him to enter the password again.

6.2.3 Input Specifications

1. The enter incorrect credential three times.

   a. User must have already been given login information.

2. The user logs in successfully.

   a. User must have already been given login information.

3. The user is inactive for 30 minutes and when he wants to buy an item and click on the purchase button the system should ask him to enter the password again.

   a. User must be logged in already.

6.2.4 Output Specifications

The user enters incorrect credentials three times

1. The user logs in successfully.

   a. User is given access to the web application and its features.

2. The user is inactive for 3 minutes and when he wants to buy an item and click on the purchase button the system should ask him to enter the password again.

   a. User is automatically logged out by web application, this is for security reasons given access to the incorrect user enter.

Description Case	Input	Output	Tester and Date	Actual Result	Comments
Case 1: Checks the username field in the login screen to be sure that erroneous logins are not allowed.	No valid email in the sign in field.	Error: this is not a valid email address	Omar Sanchez Serrano. 3/12/2018	Pass.	
Case 2: Checks the password field in the login screen to be sure that erroneous logins are not allowed.	Incorrect password	Error: your password is incorrect.	Anthony J. Vega Mena. 03/11/2018	Pass	
Case 3: Checks if the system require the password when you want to buy after 30 minutes of inactivity.	Buy an item.	Message: You need to login again.	Wilfredo Garcia Gonzalez. 03/10/2018	Pass	
Case 4: Checks if the system block when you put the incorrect password 3 times in the login frame.	Incorrect password 3 times in a row.	Message: You're block of the web for 10 minutes.	Victor Morales Figueroa. 03/9/2018	Pass	
Case 5: Checks if the user's order is reflected in its order history when you click on the buy button.	Click on Buy Button	User's order was reflected in order history.	Omar Sanchez Serrano 03/07/2018	Pass	
Case 6: Checks if the user's shipping address is saved in the database.	Connect to database and put the query.	User shipping address was inserted in the correct column in the table of Shipping address	Wilfredo Garcia Gonzalez 03/10/2018	Pass	

Table 6.2: Description Cases

Summary of Case 1:

In Case 1 The tester verified with the appropriate inputs if in the login screen of the web page would allow a name that was not a valid email. The system responded appropriately by announcing an error message on the screen saying that it was not a valid email.

Summary of Case 2:

In Case 2 The tester verified with the appropriate inputs if in the login screen of the website it would allow an invalid password. The system responded appropriately by announcing an error message on the screen saying that the entry password was not valid. The tester tried passwords similar to the original and the system responded in an expected way.

Summary of Case 3:

In Case 2 The tester made a successful session and was on the website for 30 minutes without any activity. When the tester tried to buy an item available for sale, the system responded in an expected way and required him to log in again.

Summary of Case 4:

In Case 4 The tester entered the correct username and a similar password to see if the system would allow a successful login, but the system did not allow it. The tester tried with a similar username and the correct password but the system did not allow it to login either. On the fourth attempt of the tester to login to the web page, the system announced a message that was blocked for 10 minutes. The system responded in an expected way.

Summary of Case 5:

In case 5, the tester selected an item available for sale and clicked the purchase button. Then the tester checked his account and clicked on the order history and the item information and the purchase date appeared. The system responded in the expected way and passed the test.

Summary of Case 6:

In case 6, the tester selected an item available for sale, entered his information, shipping address and then clicked the purchase button. Then he connected to the database and put the correct query to check if the database had saved the shipping address. The system responded in an expected way since I keep the shipping address in the Shipping Address Table and in the correct column.

6.2.5 Environmental needs

This section describes the environmental need to complete the case tests.

6.2.6 Special procedural requirements

This test will how long iit takes the process to place an order and that the payment is processed and reflected in the user's account.

6.2.7 Intercase dependencies

a. The web page must be duly registered and in full operation with all the interfaces and the connected database.

b. You will need to have Internet service available to access the page.

c. You must have registered to the page with a username and password.

d. If you want to buy you must have a registered credit card or have your bank account registered to the pay pal system.

7 Test procedure specification

7.1 Purpose

To specify the required steps for executing the case tests.

7.2 Outline

This test procedure specification has the following structure:

- Test procedure specification identifier
- Purpose
- Special Requirements
- Procedure Steps

7.2.1 Test procedure specification identifier

The unique identifier to this test design is CPTPS-002. This document is associated with test plan CPTP-002.

Specify the unique identifier assigned to this test procedure specification. Supply a reference to the associated test design specification.

1) The first test is User Procedures; this test is made to be sure the web application and the user can connect each other.

2) The second test is Order fulfillment, this test is made to be sure the web application, database and information of the user's payment method have connected each other and the items purchased of the user are saved in the database.

7.2.2 Purpose

The purpose of this test is to make sure the project is running perfectly.

1) The first Test: User Procedures
   - The web app should open with no problems. This test will be made numerous time to make sure everything is correct and functioning.
2) The first Test: Order fulfillment
   - When the order is placed, the system must save the ordered article and its information in the order history.

7.2.3 Special Requirements

- Skill Requirements:
  - Advanced knowledge using computer and Window 10.
  - Advanced knowledge using at least one programming language.

- Environmental Requirements:
  - Excelent internet connection.
  - Lastes browser version

- Prerequisite Procedure:
  - User email account setup.
  - Clasificados Prime web page account setup.

7.2.4 Procedure steps

7.2.4.1 Log

- User: Full name of the user realizing the test.
- Test: Name of the test performed.
- Time: System execution time after the procedure is done.
- Purpose: Did the system accomplished the purpose of the task?
- Observations: Any new observations required.
- Signature: Signature of the user performing the test.

User	Test	Time	Purpose	Observations	Signature

Table 7.1: Procedure steps

7.2.4.2 Set up

- The first Test: User Procedures
    1) Set up the computer and start the browser in the web address of Clasificados Prime.
    2) You need to have the login user and the password already.

- Second Test: Order fulfillment

    1) Log in with the user credential given by the developed team.

    2) Select an article or several that is available for sale.

    3) After selecting the items, press the buy button.

    4) Verify that the order has been completed.

7.2.4.3 Start

- First Test: User Procedures

    1) Open the Web Link give it by the team.

    2) Register the basic information email address, physical address among other.

    2) Set and write the users name on the tab "Username".

    3) Set and write the password of the username on "Password" tab.

    4) Click the "Log In" button.

- Second Test: Order fulfillment

    1) Open the web link give it by the developer team.

    2) Login with the username and password that the developer team provide.

    3) Select the items to buy.

    4) Press the button of buy.

- **First Test: User Procedures**

  1) Observe that the account entered is logged in and user information is correct.
  2) User information will appear in Log-In Example Sheet.
  3) Write observations in report sheet 1.A
  4) Proceed to procedure "7.4.2.B - Shut Down First Test".
  5) Go to procedure "7.4.2.3.1A Start First Test" and proceed.
  6) Repeat this procedure with all examples in the Log-In Example Sheet.
  7) Write Observations in report sheet 1.A.

- **Second Test: Order fulfillment**

  1) Verify that the article related to purchase is stored in the list of orders.

7.2.4.5 Measure

- **First Test: User Procedures**
  1) How long does it take the web page to load and welcome the new user?

- **Second Test: Order fulfillment**
  1) How long will it take for the user to see your order processed?

7.2.4.6 Shut Down

- **First Test: User Procedures**
  1) To do this, press sing out and close the browser.

- **Second Test: Order fulfillment**
  1) To do this, press sing out and close the browser.

7.2.4.7 Restart

- **First Test: User Procedures**
  1) When the register and the log in is made, a restart point has been reached.
  2) In every restart point, go to "7.4.2.B Start First Test" procedure of the test try and continue.

- **Second Test: Order fulfillment**
  1) When the register and the log in is made, a restart point has been reached.
  2) In every restart point, go to "7.4.2.B Start Second Test" procedure of the test try and continue.

7.2.4.8 Stop

- **First Test: User Procedures**

  1) To stop the test, Sign Out and close the browser.

  2) Go to section "7.4.2.C Shut Down First Test' and complete this procedure.

- **Second Test: Order fulfillment**
  1) To stop the test, Sign Out and close the browser.
  2) Go to section "7.4.2.C Shut Down First Test' and complete this procedure.

7.2.4.9 Wrap Up

- **First Test: User Procedures**

  1) See "7.4.2.C Shut Down First Test" procedure to restore the system and start a test.

- **Second Test: Order fulfillment**
  1) See "7.4.2.C Shut Down First Test" procedure to restore the system and start a test.

7.2.4.10 Contingencies

To deal with any anomaly that the system may present the user must perform the Restart steps stated above. If problem persists the user must document and notify the problem to the Clasificados Prime support team in order to fixed the problem.

8 Test item transmittal report

8.1 Purpose

The purpose of this section is to identify the items that are being transmitted for testing.

8.2 Outline

8.2.1 Transmittal report identifier

The identifier for this transmittal report is: CPTPSTRN-002

8.2.2 Transmitted items

The items being transmitted are:

Transmitted Items	Personnel responsible	Reference
Log in	Test Manager Database Manager	Section 7.2.4.1
Set up	Test Manager	Section 7.2.4.2
Start	Test Manager	Section 7.2.4.3
Proceed	Test Manager	Section 7.2.4.4
Meause	Test Manager Database Manager	Section 7.2.4.5
Shutdown	Test Manager	Section 7.2.4.6
Restart	Test Manager	Section 7.2.4.7

Transmitted Items	Personnel responsible	Reference
Stop	Test Manager	Section 7.2.4.8
Wrap up	Test Manager	Section 7.2.4.9

Table 8.1: Transmitted items

8.2.3 Location

A copy of the software will be provided with full description and procedures to follow and to be able to satisfactorily complete the specified tests. The transmitted items can be found within the software. Also all the procedures can be found in section 7.2.4 of the STD.

8.2.4 Status

This is the first transmittal report therefore there are no previous documentation from any of the listed items. The items listed are currently in a development state and may have slight adjustments if this is the case, the reference and procedure documents will be updated and resubmitted. All of the items listed are in a fail state until the required test is completed and the status is changed to pass.

8.2.5 Approvals

This is the approval of all the testing groups' managers that are in agreement with the transmittal report and will follow through to finish the required tests listed above on the software.

_____   _____

Test Manager   Date

9 Test log

9.1 Purpose

To provide a chronological record of relevant details about the execution of tests.

9.2 Outline

The test log will have the following structure:

9.2.1 Test log identifier

The test log unique identifier is: CPTPSTL-002. This part is referenced to the Transmittal report CPTPSTRN-002.

9.2.2 Description

This section describes the items used in the Test Item Transmittal Report that were given to the team. This section will include all the conditions that were used to conduct the test.

Log items	Revision & Version level	Personnel responsible	Reference
Login	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Set up	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Start	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Items	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Measure	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Shutdown	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Restart	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Stop	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2
Wrap up	Ver 1.0 Rev 0.1	Test Manager	Transmittal Report section 8.2

Table 9.1: Log Items

Log items	Software	Hardware
Login	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Set up	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Start	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Items	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Measure	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Shutdown	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Restart	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Stop	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection
Wrap up	Clasificados Prime Web Page	Lenovo Thinkpad Laptop 10 GHz AC Router 40 Mbps Internet Connection

Table 9.2: Tested Items

9.2.3 Activity and event entries

In this section, for each event, including the beginning and end of activities, we *record* the occurrence date and time along with the identity of the author.

Activity	Date (MM/DD/YY)	Time	Author
Register and log to Web Page	03/02/2018	1:00pm	Tester: Wilfredo Garcia ID: 103215
Log to Database	03/02/2018	1:30pm	Administrator: Cristian J. Sanchez Vazquez
Log out to Database	03/02/2018	2:00pm	Administrator: Cristian J. Sanchez Vazquez
Sign out to Web Page	03/02/2018	2:30pm	Tester: Wilfredo Garcia Gonzalez ID:103215

Table 9.3: Activity

10 Test incident report

10.1 Purpose

To document any events that occurs while during the test that may need investigations.

10.2 Outline

10.2.1 Test incident report identifier

The identifier for this incident is: CPTPSIR-002.

10.2.2 Summary

While testing the Clasificados Prime web page, an incident was reported in which the evaluators found an error. The error consists of each time a user registered not validating the information of the date of birth in the correct format, and neither validated the user's age with their date of birth.

10.2.3 Incident description

a. Inputs:
The user's information when registering must validate its date of birth in the correct format established in order to register the age in the database.

b. Expected results:
The system must validate the date of birth in the correct format and store its age in the database.

c. Actual result:
The date of birth was not recorded correctly and the user's age.

d. Anomalies:
The system does not validate the date of the correct date and does not calculate the user's age.

e. Date and time:
The test took place at 1:00 p.m., March 3, 2018 is the moment the anomaly was reported.

f. Environment:
The test was done in an environment where all the requirements were covered.

g. Attempts to repeats:
The test was repeated four times, to observe carefully the process in which the system was registering all the user's information.

h. Testers:
The developers were in charge for completing this test.

10.2.4 Impact

This would have had a great impact on the system because if the system does not validate the date of birth and does not register the user's age in the database, I can cause problems to complete the purchase and order of an item and with the payment process because You can not validate the user's identity in its entirety.