

# Computer Science Central WEB APP

TEST PLAN

Remove everything in red after the document is done.

Team 8

Joseph Rodriguez

Louis Rivera

Rafel Salem

**Notes on Test Plan**

The purpose of this document is to provide a guide for QA engineers and developers how to test the features developed. The Test Plan describes a systematic approach to validate the code implemented meets the specified requirements outlines in the SRD, as well as the design defined in the ADD. In addition, test cases are used to verify the code has no bugs or exceptions.

Remember to write your test cases with enough details and information for someone else to execute the testing.

**TEST CASES**

Sample Test Case below

**TEAMPLATE TEST CASE FOR FEATURE**

**TEST CASE 1: TEST CASE TITLE**

Test Case 1 description test goes here

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

## REGISTRATION FEATURE TEST CASES

### TEST CASE 1: VALIDATE USER CAN REGISTER SUCCESSFULLY

The following test case validates the user can register with our Web site to gain access to restricted areas. This is a “success” test, in which the user will be registered within the system and be able to log into the Web site subsequently.

#### REQUIREMENT LINK

Registration Feature -> Use Case 1

#### STEPS:

| Step # | Step Description   | Expected Result   |
|--------|--|---|
| 1      | User access Web site and navigates to “Registration” page                        | Registration page is displayed  |
| 2      | User completes all fields with the corresponding data and clicks “Submit” button | Form is submitted to the server and a “successful” message is displayed on the screen |
| 3      | Close browser  |   |
| 4      | Open browser and navigate to Login page of Web site                              | Login page is displayed   |
| 5      | Enter username and password used in registration, then click Login button        | User is granted access to registered customers pages.                                 |

#### TEST DATA:

| Field      | Value  |
|------------|--|
| First Name | Tester   |
| Last Name  | One  |
| Email      | <a href="mailto:test1@server.com">test1@server.com</a> |
| Password   | p@ssword   |

### TEST CASE 2: VALIDATE SYSTEM REJECTS INVALID DATA

The following test case validates the system can trap invalid data when the user submits the registration form, and then informs the user to re-enter the corresponding field with correct data.

---

## REQUIREMENT LINK

Registration Feature -> Use Case 1

---

### STEPS:

| Step # | Step Description   | Expected Result   |
|--------|--|---|
| 1      | User access Web site and navigates to "Registration" page                        | Registration page is displayed  |
| 2      | User completes all fields with the corresponding data and clicks "Submit" button | System returns error message with clear information as to what has gone wrong: "email entered is incorrect" |
| 3      | User corrects email address and resubmits  | Form is submitted to the server and a "successful" message is displayed on the screen                       |
| 4      | Close browser  |   |
| 5      | Open browser and navigate to Login page of Web site                              | Login page is displayed   |
| 6      | Enter username and password used in registration, then click Login button        | User is granted access to registered customers pages.   |

---

### TEST DATA:

| Field      | Value   |
|------------|---|
| First Name | Tester  |
| Last Name  | One   |
| Email      | First attempt: Test1@, second attempt: <a href="mailto:test1@server.com">test1@server.com</a> |
| Password   | p@ssword  |

---

3 test cases per use case per feature x 3

COMMUNITY FORUM TEST CASES (JOSEPH RODRIGUEZ)

---

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description | Expected Result |
|--------|------------------|-----------------|
|--------|------------------|-----------------|

|          |                           |                                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |

|          |                           |                                   |
|----------|---------------------------|-----------------------------------|
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |

|          |                           |                                   |
|----------|---------------------------|-----------------------------------|
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |
|----------|---------------------------|-----------------------------------|

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |



TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

CODING TOPICS AND SOLUTIONS TEST CASES (LOUIS RIVERA)

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 2: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description | Expected Result |
|--------|------------------|-----------------|
|--------|------------------|-----------------|

|          |                           |                                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |

|          |                           |                                   |
|----------|---------------------------|-----------------------------------|
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |
|----------|---------------------------|-----------------------------------|

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |

|         |         |
|---------|---------|
| Field 2 | Value 2 |
|---------|---------|

VIDEO LIBRARY FEATURE TEST CASES (RAFEL SALEM)

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |

|          |                           |                                   |
|----------|---------------------------|-----------------------------------|
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |
|----------|---------------------------|-----------------------------------|

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field | Value |
|-------|-------|
|-------|-------|



|                |         |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |

|                |         |
|----------------|---------|
| <b>Field 2</b> | Value 2 |
|----------------|---------|

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

*Test Case 1 description test goes here*

STEPS:

| Step #   | Step Description          | Expected Result                   |
|----------|---------------------------|-----------------------------------|
| <b>1</b> | <i>Step 1 description</i> | <i>Expected result for step 1</i> |
| <b>2</b> | <i>Step 2 description</i> | <i>Expected result for step 2</i> |
| <b>3</b> | <i>Step 3 description</i> | <i>Expected result for step 3</i> |

TEST DATA:

| Field          | Value   |
|----------------|---------|
| <b>Field 1</b> | Value 1 |
| <b>Field 2</b> | Value 2 |

TEST CASE 1: TEST CASE TITLE

Test Case 1 description test goes here

STEPS:

| Step # | Step Description   | Expected Result            |
|--------|--------------------|----------------------------|
| 1      | Step 1 description | Expected result for step 1 |
| 2      | Step 2 description | Expected result for step 2 |
| 3      | Step 3 description | Expected result for step 3 |

TEST DATA:

| Field   | Value   |
|---------|---------|
| Field 1 | Value 1 |
| Field 2 | Value 2 |