



Test Plan Design Report

Test Project: Section 02 - Parasite Group Project
Test Plan: TP-ST-R1-MEMS

Printed by TestLink on 04/05/2020

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1.2.Register Students

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S02-PS-53: Unsuccessful fill out the enrollment form with empty father's occupation field

S02-PS-54: Unsuccessful fill out the enrollment form with invalid father's IC

S02-PS-55: Unsuccessful fill out the enrollment form with empty father's IC field

S02-PS-56: Unsuccessful fill out the enrollment form with invalid father's contact

S02-PS-57: Unsuccessful fill out the enrollment form with empty father's contact field

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1.3.Create Class

1.3.1.Successful Create Class Scenarios

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1.3.2.Unsuccessful Create Class Scenarios

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S02-PS-106: Unsuccessful fill out the new class information form with invalid Class Time.

S02-PS-107: Unsuccessful fill out the new class information form with empty Class Time field.

1.4.Manage class

1.4.1.Unsuccessful Manage Class Scenario (Negative Testing)

S02-PS-34: Unsuccessful delete class if clicking "Cancel" button

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S02-PS-74: Unsuccessful update class maximum capacity with input more than 99

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S02-PS-97: Unsuccessful update class type with invalid input

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1.4.2.Successful Manage Class Scenario (Positive Testing)

S02-PS-4: Successful view class's information

S02-PS-5: Successful update class's information

S02-PS-6: Successful delete class

Test Plan: TP-ST-R1-MEMS

Test plan of Maria Education Management System(MEMS). This test plan includes the test cases that are related to the system testing of MEMS.

Further information of the detailed test plan can refer to link
(https://docs.google.com/document/d/1fOe_ChntO2VR8UkBg1vA_SF2MDRJJPpEBDD633jwK-wE/edit).

For the SRS documentation can refer to the link
(<https://drive.google.com/drive/folders/19ajCH5rAbIYal8AViPdercXXHV6jOc1O>)

1.1.Test Suite : Manage Students

This test suite contains a set of test cases (preconditions, inputs, actions, expected results and postconditions) to test various test condition during the user(principal/ admin) manages the students. It covers all normal flows, alternative flow, and error flows in manage students process.

1.1.1.Test Suite : Unsuccessful Manage Students Scenarios (Negative Testing)

A set of test cases with flows/steps and test conditions which manage students unsuccessfully

| | | |
|--|---|--|
| Test Case S02-PS-27: Unsuccessful update students information with invalid Name | | |
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with invalid Name | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form with invalid name | All the fields are filled up with valid inputs except Name |
| 3 | User clicks "save" button | Name field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|--|---|--|
| Test Case S02-PS-28: Unsuccessful update students information with empty Name field | | |
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with empty Name field | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except Name field | All the fields are filled up except Name field |
| 3 | User clicks "save" button | Name field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |

| | |
|-------------------------|----------------|
| <u>Execution Result</u> | Not Run |
|-------------------------|----------------|

Test Case S02-PS-25: Unsuccessful update students information with invalid DOBAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with invalid DOB

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form with invalid DOB | All the fields are filled up with valids input except DOB |
| 3 | User clicks "save" button | DOB field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-29: Unsuccessful update students information with empty DOB fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty DOB field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except DOB field | All the fields are filled up except DOB field |
| 3 | User clicks "save" button | DOB field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-26: Unsuccessful update students information with invalid ICAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with invalid IC number

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form with invalid IC number | All the fields are filled up with valid input except IC number |
| 3 | User clicks "save" button | IC field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-30: Unsuccessful update students information with empty IC field

Author: S02-PS-Asment

Summary:

To validate that user is unable to update student information with empty IC field

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except IC field | All the fields are filled up except IC field |
| 3 | User clicks "save" button | IC field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-31: Unsuccessful update students information with empty Birth Number field

Author: S02-PS-Asment

Summary:

To validate that user is unable to update student information with empty Birth Number field

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|----|---|--|
| 1 | User selects "update" operation from selected student | System redirected user to update student |

| | | |
|--|--|--|
| | from students list | information interface |
| 2 | User fills up the form except Birth Number field | All the fields are filled up except Birth Number field |
| 3 | User clicks "save" button | Birth Number field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-63: Unsuccessful update students information with empty Sex selection fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Sex selection field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except Sex selection | All the fields are filled up except Sex selection |
| 3 | User clicks "save" button | Sex field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-64: Unsuccessful update students information with empty Race selection fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Religion field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|------------------------|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except Religion field | All the fields are filled up except Religion field |
| 3 | User clicks "save" button | Religion field displays an error message |
| <u>Execution type:</u> | Manual | |

| | |
|--|----------------|
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Low |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-65: Unsuccessful update students information with empty Religion field

| | | |
|--|--|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with empty Nationality field | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except Nationality field | All the fields are filled up except Nationality field |
| 3 | User clicks "save" button | Nationality field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-66: Unsuccessful update students information with empty Nationality field

| | | |
|--|---|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with empty Race selection field | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except Race selection | All the fields are filled up except Race selection |
| 3 | User clicks "save" button | Race field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-32: Unsuccessful update students information with empty Address fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Address field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User fills up the form except Address field | All the fields are filled up except Address field |
| 3 | User clicks "save" button | Address field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-70: Unsuccessful update students information with invalid Father NameAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with invalid Father Name

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with invalid Father Name | All the fields are filled up with valid inputs except Father Name |
| 4 | User clicks "save" button | Father Name field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-68: Unsuccessful update students information with empty Father Name fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Father Name field

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Father Name field | All the fields are filled up except Father Name field |
| 4 | User clicks "save" button | Father Name field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-73: Unsuccessful update students information with invalid Father IC

Author: S02-PS-Asment

Summary:

To validate that user is unable to update student information with invalid Father IC

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with invalid Father IC | All the fields are filled up with valids inputs except Father IC |
| 4 | User clicks "save" button | Father IC field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-71: Unsuccessful update students information with empty Father IC field

Author: S02-PS-Asment

Summary:

To validate that user is unable to update student information with empty Father IC field

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|----|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Father IC field | All the fields are filled up except Father IC field |
| 4 | User clicks "save" button | Father IC field displays an error message |

Execution type: Manual

Estimated exec. duration (min):

Priority: Low

Requirements None

Keywords: None

Execution Details

Execution Result **Not Run**

Test Case S02-PS-75: Unsuccessful update students information with invalid Father Contact

Author: S02-PS-Asment

Summary:

To validate that user is unable to update student information with invalid Father Contact

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|----|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with invalid Father Contact | All the fields are filled up with valid inputs except Father Contact |
| 4 | User clicks "save" button | Father Contact field displays an error message |

Execution type: Manual

Estimated exec. duration (min):

Priority: Low

Requirements None

Keywords: None

Execution Details

Execution Result **Not Run**

Test Case S02-PS-76: Unsuccessful update students information with empty Father Contact field

Author: S02-PS-Asment

Summary:

To validate that user is unable to update student information with empty Father Occupation field

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Father Occupation field | All the fields are filled up except Father Occupation field |
| 4 | User clicks "save" button | Father Occupation field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-77: Unsuccessful update students information with empty Father Occupation field

| <u>Author:</u> | S02-PS-Asment | |
|--|---|--|
| <u>Summary:</u> | To validate that user is unable to update student information with empty Father Contact field | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| #: | Step actions: | Expected Results: |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Father Contact field | All the fields are filled up except Father Contact field |
| 4 | User clicks "save" button | Father Contact field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-78: Unsuccessful update students information with invalid Mother Name

| | | |
|-----------------------|--|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with invalid Mother Name | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| | | |

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with invalid Mother Name | All the fields are filled up with valid inputs except Mother Name |
| 4 | User clicks "save" button | Mother Name field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-79: Unsuccessful update students information with empty Mother Name fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Mother Name field

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Mother Name field | All the fields are filled up except Mother Name field |
| 4 | User clicks "save" button | Mother Name field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-80: Unsuccessful update students information with invalid Mother ICAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with invalid Mother IC

Preconditions:

User is directed to manage students page and selected a class.

| #: | Step actions: | Expected Results: |
|----|---------------|-------------------|
| 1 | | |

| | | |
|--|--|---|
| | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with invalid Mother IC | All the fields are filled up with valid inputs except Mother IC |
| 4 | User clicks "save" button | Mother IC field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-81: Unsuccessful update students information with empty Mother IC field

| | | |
|--|--|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with empty Mother IC field | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Mother IC field | All the fields are filled up except Mother IC field |
| 4 | User clicks "save" button | Mother IC field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-82: Unsuccessful update students information with invalid Mother Contact

| | | |
|-----------------------|---|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with invalid Mother Contact | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |

| | | |
|--|--|--|
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with invalid Mother Contact | All the fields are filled up with valid inputs except Mother Contact |
| 4 | User clicks "save" button | Mother Contact field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-84: Unsuccessful update students information with empty Mother Contact fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Mother Contact field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |
| 3 | User fills up the form with empty Mother Contact field | All the fields are filled up except Mother Contact field |
| 4 | User clicks "save" button | Mother Contact field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-83: Unsuccessful update students information with empty Mother Occupation fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Mother Occupation field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Parents Information tab | System displays parents information interface |

| | | |
|--|---|---|
| 3 | User fills up the form with empty Mother Occupation field | All the fields are filled up except Mother Occupation field |
| 4 | User clicks "save" button | Mother Occupation field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-85: Unsuccessful update students information with empty Medical History fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Medical History field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Medical Information tab | System displays medical information interface |
| 3 | User fills up the form with empty Medical History field | All the fields are filled up except Medical History field |
| 4 | User clicks "save" button | Medical History field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-87: Unsuccessful update students information with empty Chronic Illness fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Chronic Illness field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Medical Information tab | System displays medical information interface |
| 3 | User fills up the form with empty Chronic Illness field | All the fields are filled up except Chronic Illness |

| | | |
|--|---------------------------|---|
| | | field |
| 4 | User clicks "save" button | Chronic Illness field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-88: Unsuccessful update students information with empty Food Allergy fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Injury History field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Medical Information tab | System displays medical information interface |
| 3 | User fills up the form with empty Injury History field | All the fields are filled up except Injury History field |
| 4 | User clicks "save" button | Injury History field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-89: Unsuccessful update students information with empty Injury History fieldAuthor: S02-PS-AsmentSummary:

To validate that user is unable to update student information with empty Food Allergy field

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|--|
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Medical Information tab | System displays medical information interface |
| 3 | User fills up the form with empty Food Allergy field | All the fields are filled up except Food Allergy field |

| | | |
|--|---------------------------|--|
| 4 | User clicks "save" button | Food Allergy field displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-90: Unsuccessful update students information with empty Diseases checkbox

| | | |
|--|--|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with empty Diseases checkbox | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Medical Information tab | System displays medical information interface |
| 3 | User fills up the form with empty Diseases checkbox | All the fields are filled up except Diseases checkbox |
| 4 | User clicks "save" button | Diseases checkbox displays an error message |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-92: Unsuccessful update students information with empty Allergies checkbox

| | | |
|-----------------------|---|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to update student information with empty Allergies checkbox | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from selected student from students list | System redirected user to update student information interface |
| 2 | User selects Medical Information tab | System displays medical information interface |
| 3 | User fills up the form with empty Allergies checkbox | All the fields are filled up except Allergies checkbox |
| 4 | User clicks "save" button | Allergies checkbox displays an error message |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Low |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-94: Unsuccessful change student class with empty Class selection field

| | | |
|--|--|--|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is unable to change student class with empty Class selection field | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "change class" operation from selected student from students list | System redirected user to change class interface |
| 2 | User click save button | Change Class selection field displays an error |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

1.1.2.Test Suite : Successful Manage Students Scenarios (Positive Testing)

A set of test cases with flows/steps and test conditions which successfully manage students

| | | |
|---|---|---|
| Test Case S02-PS-11: Successful select an operation from the manage students | | |
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | | |
| To validate that user is able to select an operation from the manage students page | | |
| <u>Preconditions:</u> | | |
| User is login as principal or admin which has been authorized to access the page. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User select manage students operation. | User is directed to manage students page. |
| 2 | User select a class from the class list. | System displays a list of students from the class with operations button. |
| 3 | User select an operation. case1: view case2: edit case3: delete case4: change class | User directed to the related operation interface. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|--|--|---|
| Test Case S02-PS-12: Successful view student's information | | |
| Author: | S02-PS-Asment | |
| Summary: | | |
| To validate that the system is able to display students information. | | |
| Preconditions: | | |
| User is directed to manage students page and selected a class. | | |
| #: | Step actions: | Expected Results: |
| 1 | User select "view" operation from a selected student from student list | System prompt out student's details. |
| 2 | User click the back button | System redirected user back to students list. |
| Execution type: | Manual | |
| Estimated exec. duration (min): | | |
| | | |

| | |
|--------------------------|----------------|
| <u>Priority:</u> | Low |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-13: Successful update student's information

| | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is able to update the students information with valid inputs | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "update" operation from a selected student from students list | User is directed to update students information interface |
| 2 | User updates student information with valid inputs | All fields are filled with valid inputs |
| 3 | User clicks save button | System updated student information and prompt successful update message |
| 4 | User clicks ok button | System redirected user back to students list |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-22: Successful delete student

| | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Asment | |
| <u>Summary:</u> | To validate that user is able to delete student from the system | |
| <u>Preconditions:</u> | User is directed to manage students page and selected a class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "delete" operation from selected student from students list | System prompt confirmation delete message to user |
| 2 | User clicks "delete" button | System deleted student and prompt successful delete message |
| 3 | User clicks ok button | System redirected user back to students list |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |

| | |
|-------------------------|----------------|
| <u>Execution Result</u> | Not Run |
|-------------------------|----------------|

Test Case S02-PS-23: Successful change student class

Author: S02-PS-Asment

Summary:

To validate that user is able to change student's class

Preconditions:

User is directed to manage students page and selected a class.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|---|---|
| 1 | User selects "change class" operation from selected student from student list | System prompts change class interface to user |
| 2 | User selects a class from dropdown list | A class is selected |
| 3 | User clicks on save button | System updated the information and prompt successful change class message |
| 4 | User clicks ok button | System redirected user back to students list |

Execution type: Manual

Estimated exec. duration (min):

Priority: Low

Requirements None

Keywords: None

Execution Details

Execution Result **Not Run**

1.2.Test Suite : Register Students

This test suite contains a set of test cases (preconditions, inputs, actions, expected results and postconditions) to test various test condition during the user(principal/ admin) register the new students. It covers all normal flows, alternative flow, and error flows in register students process.

1.2.1.Test Suite : Successful Register Students Scenarios

This test suite contains a set of test cases that show the successful register student scenario.

| Test Case S02-PS-2: Successful Fill Out the Enrollment Form (Step 1) | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | <p>To validate that the user (admin/principal) can fill out all the fields in enrollment form (step 1) and can proceed to next steps which is medical form (step 2) when the next button is pressed.</p> | |
| <u>Preconditions:</u> | <p>The user is logged in to the system with authorized access to register students.</p> | |
| #: | Step actions: | Expected Results: |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User enters valid enrollment details: - student informations - parents informations - emergency contact and release person informations | All enrollment details can be entered. |
| 3 | User clicks next button. | The student registration form with step 2 (medical form) is displayed. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| Test Case S02-PS-3: Successful Fill Out the Medical Form (Step 2) | | |
|---|--|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | <p>To validate that the user (admin/principal) can fill out all the fields in medical form (step 2) and can proceed to next steps which is assign class to the student (step 3) when the next button is pressed.</p> | |
| <u>Preconditions:</u> | <p>Completed enrollment form (step 1) with valid enrollment details.</p> | |
| #: | Step actions: | Expected Results: |
| 1 | User enters valid medical details: - child's medical details | All medical details can be entered. |
| 2 | User clicks next button. | The student registration form with step3 (Assign Class) is displayed. |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-7: Successful Assign a class to the student (Step 3)Author: S02-PS-LkwongSummary:

To validate that the user (admin/principal) can assign a class to the student (step 3) and can proceed to next steps which is terms and conditions (step 4) when the next button is pressed.

Preconditions:

Completed medical form (step 2) with valid medical details.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--------------------------------------|--|
| 1 | User assigns a class to the student. | The class can be assigned. |
| 2 | User clicks next button. | The registration form with step 4 (Terms and Conditions) is displayed. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-8: Successful Accept Terms and Conditions (Step 4)Author: S02-PS-LkwongSummary:

To validate that the user (admin/principal) can accept the terms and conditions (step 4) and the student registration form is able to submit when the checkbox for terms and conditions is checked.

Preconditions:

Completed assign class (step 3).

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | User accepts the terms and condition by checking the checkbox. | Checkbox can be checked. |
| 2 | User clicks submit button. | The student registration form can be submitted. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |

| | |
|--------------------------|----------------|
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-10: Successful Generate Enrollment Letter

| | | |
|---|----------------------------|--|
| Author: | S02-PS-Lkwong | |
| <u>Summary:</u> | | |
| To validate that the system will generate an enrollment letter when the submit button is pressed by the user (admin/principal). | | |
| <u>Preconditions:</u> | | |
| The checkbox for Terms and Conditions is checked. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User clicks submit button. | System displays successful message and enrollment letter is generated in PDF format. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-21: Successful Back Button

| | | |
|--|--------------------------|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | | |
| To validate that the user (admin/principal) can back to previous step when the back button is pressed. | | |
| <u>Preconditions:</u> | | |
| The steps must be more than one in order to perform back feature. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User clicks back button. | System displays the previous step of the student registration form. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

1.2.2.Test Suite : Unsuccessful Register Students Scenarios

This test suite contains a set of test cases that show the unsuccessful register student scenario.

| | | |
|---|---|--|
| Test Case S02-PS-33: Unsuccessful fill out the enrollment form with invalid child's name | | |
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | <div>To validate that user cannot proceed to next step (step2: medical form) with invalid child's name.</div> | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the child's name with invalid name. | All enrollment details can be entered. |
| 3 | User clicks next button. | System display error messages below the child's name field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|---|--|--|
| Test Case S02-PS-35: Unsuccessful fill out the enrollment form with empty child's name field | | |
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step2: medical form) with empty child's name field. | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the child's name with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System display error messages below the child's name field and user cannot proceed to next step. |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-36: Unsuccessful fill out the enrollment form with invalid DOB

| | | |
|--|--|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step2: medical form) with invalid child's name. | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the DOB with invalid DOB. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the DOB field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-37: Unsuccessful fill out the enrollment form with empty DOB field

| | | |
|--|---|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step2: medical form) with empty DOB field. | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the DOB with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the DOB field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |

| | |
|--------------------------|----------------|
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-38: Unsuccessful fill out the enrollment form with invalid ICAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with invalid IC.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|---|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the IC with invalid IC. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the IC and user cannot proceed to next step. |

Execution type: ManualEstimated exec. duration (min):Priority: MediumRequirements NoneKeywords: None**Execution Details**Execution Result **Not Run****Test Case S02-PS-39: Unsuccessful fill out the enrollment form with empty IC field**Author: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty IC field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the IC with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the IC field and user cannot proceed to next step. |

Execution type: ManualEstimated exec. duration (min):Priority: MediumRequirements NoneKeywords: None**Execution Details**Execution Result **Not Run**

Test Case S02-PS-40: Unsuccessful fill out the enrollment form with empty birth number fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty birth number field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the birth number with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the birth number field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-41: Unsuccessful fill out the enrollment form with empty sex selection fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty sex selection field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the sex with empty selection | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the sex field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-42: Unsuccessful fill out the enrollment form with empty race selection fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty race selection field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the race field with empty selection. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the race field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-43: Unsuccessful fill out the enrollment form with empty religion field

Author: S02-PS-Lkwong

Summary:

To validate that user cannot proceed to next step (step2: medical form) with empty religion field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the religion with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the religion field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-44: Unsuccessful fill out the enrollment form with empty nationality field

Author: S02-PS-Lkwong

Summary:

To validate that user cannot proceed to next step (step2: medical form) with empty nationality field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|----|---------------|-------------------|
| 1 | | |

| | | |
|--|---|--|
| | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the nationality with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the nationality field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-45: Unsuccessful fill out the enrollment form with empty address fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty address field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the address with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the address field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-46: Unsuccessful fill out the enrollment form with invalid mother's nameAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with invalid mother's name.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the mother's name with invalid name. | All enrollment details can be entered. |

| | | |
|--|--------------------------|--|
| 3 | User clicks next button. | System displays error messages below the mother's name field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-47: Unsuccessful fill out the enrollment form with empty mother's name fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty mother's name field

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the mother's name with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the mother's name field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-48: Unsuccessful fill out the enrollment form with empty mother's occupation fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty mother's occupation field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|----|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the mother's occupation with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the mother's occupation field and user cannot proceed to next step. |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-49: Unsuccessful fill out the enrollment form with invalid mother's IC

| | | |
|--|--|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step2: medical form) with invalid mother's IC | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the mother's IC with invalid IC. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the mother's IC field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-50: Unsuccessful fill out the enrollment form with empty mother's IC field

| | | |
|--|---|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step2: medical form) with empty mother's IC field. | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the mother's IC with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the mother's IC field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |

| | |
|--------------------------|----------------|
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-51: Unsuccessful fill out the enrollment form with invalid father's nameAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with invalid father's name.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's name with invalid name. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's name field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-52: Unsuccessful fill out the enrollment form with empty father's name fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty father's name field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's name with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's name field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-53: Unsuccessful fill out the enrollment form with empty father's occupation fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty father's occupation field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's occupation with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's occupation field and user cannot proceed to next step. |

Execution type: ManualEstimated exec. duration (min):Priority: MediumRequirements NoneKeywords: None**Execution Details**Execution Result **Not Run****Test Case S02-PS-54: Unsuccessful fill out the enrollment form with invalid father's IC**Author: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with invalid father's IC.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's IC with invalid IC. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's IC field and user cannot proceed to next step. |

Execution type: ManualEstimated exec. duration (min):Priority: MediumRequirements NoneKeywords: None**Execution Details**Execution Result **Not Run****Test Case S02-PS-55: Unsuccessful fill out the enrollment form with empty father's IC field**Author: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty father's IC field

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's IC with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's IC field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-56: Unsuccessful fill out the enrollment form with invalid father's contact

Author: S02-PS-Lkwong

Summary:

To validate that user cannot proceed to next step (step2: medical form) with invalid father's contact

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's contact with invalid contact. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's contact field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-57: Unsuccessful fill out the enrollment form with empty father's contact field

Author: S02-PS-Lkwong

Summary:

To validate that user cannot proceed to next step (step2: medical form) with empty father's contact field

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the father's contact with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the father's contact field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-58: Unsuccessful fill out the enrollment form with invalid mother's contactAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with invalid mother's contact

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the mother's contact with invalid contact. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the mother's contact field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-59: Unsuccessful fill out the enrollment form with empty mother's contact fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty mother's contact field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| #: | Step actions: | Expected Results: |
|----|--|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |

| | | |
|--|--|---|
| 2 | User fills out all the input fields with valid input except for the mother's contact with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the mother's contact field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-60: Unsuccessful fill out the enrollment form with empty emergency person's name fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty emergency person's name field

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|---|--|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the emergency person's name with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the emergency person's name field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-61: Unsuccessful fill out the enrollment form with empty emergency person's relationship fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step2: medical form) with empty emergency person's relationship field.

Preconditions:

The user is logged in to the system with authorized access to register students.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|---|---|
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the emergency person's relationship with empty field. | All enrollment details can be entered. |

| | | |
|--|--------------------------|--|
| 3 | User clicks next button. | System displays error messages below the emergency person's relationship field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-62: Unsuccessful fill out the enrollment form with empty emergency person's contact field

| | | |
|--|---|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step2: medical form) with empty emergency person's contact field | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to register students. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects register students from the main menu. | The student registration form with step 1 (enrollment form) is displayed. |
| 2 | User fills out all the input fields with valid input except for the emergency person's contact with empty field. | All enrollment details can be entered. |
| 3 | User clicks next button. | System displays error messages below the emergency person's contact field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-108: Unsuccessful fill out the medical form with empty medical history field

| | | |
|---------------------------------|---|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step3: assign class) with empty medical history field. | |
| <u>Preconditions:</u> | Completed enrollment form (step 1) with valid enrollment details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User fills out all the input fields with valid input except for the medical history with empty field. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the medical history field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration</u> | | |

| | |
|--------------------------|----------------|
| <u>(min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-109: Unsuccessful fill out the medical form with empty chronic illness field

| | | |
|--|---|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step3: assign class) with empty chronic illness field. | |
| <u>Preconditions:</u> | Completed enrollment form (step 1) with valid enrollment details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User fills out all the input fields with valid input except for the chronic illness with empty field. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the chronic illness field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-110: Unsuccessful fill out the medical form with empty food allergy field

| | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step3: assign class) with empty food allergy field. | |
| <u>Preconditions:</u> | Completed enrollment form (step 1) with valid enrollment details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User fills out all the input fields with valid input except for the food allergy with empty field. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the food allergy field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-111: Unsuccessful fill out the medical form with empty injury history field

| | |
|----------------|---------------|
| <u>Author:</u> | S02-PS-Lkwong |
|----------------|---------------|

Summary:

To validate that user cannot proceed to next step (step3: assign class) with empty injury history field.

Preconditions:

Completed enrollment form (step 1) with valid enrollment details.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User fills out all the input fields with valid input except for the injury history with empty field. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the injury history field and user cannot proceed to next step. |
| <u>Execution type:</u> | | Manual |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | | Medium |
| <u>Requirements</u> | | None |
| <u>Keywords:</u> | | None |
| Execution Details | | |
| <u>Execution Result</u> | | Not Run |

Test Case S02-PS-112: Unsuccessful fill out the medical form with empty diabetes selection field

Author: S02-PS-Lkwong

Summary:

To validate that user cannot proceed to next step (step3: assign class) with empty diabetes selection field.

Preconditions:

Completed enrollment form (step 1) with valid enrollment details.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User fills out all the input fields with valid input except for the diabetes field with empty selection. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the diabetes selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | | Manual |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | | Medium |
| <u>Requirements</u> | | None |
| <u>Keywords:</u> | | None |
| Execution Details | | |
| <u>Execution Result</u> | | Not Run |

Test Case S02-PS-113: Unsuccessful fill out the medical form with empty toilet trained selection field

Author: S02-PS-Lkwong

Summary:

To validate that user cannot proceed to next step (step3: assign class) with empty toilet trained selection field.

Preconditions:

Completed enrollment form (step 1) with valid enrollment details.

| #: | Step actions: | Expected Results: |
|----|---------------|-------------------|
|----|---------------|-------------------|

| | | |
|--|--|---|
| 1 | User fills out all the input fields with valid input except for the toilet trained with empty selection field. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the toilet trained selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-114: Unsuccessful fill out the medical form with empty effective communicate selection field

| | | |
|--|---|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step3: assign class) with empty effective communicate selection field. | |
| <u>Preconditions:</u> | Completed enrollment form (step 1) with valid enrollment details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User fills out all the input fields with valid input except for the effective communicate with empty selection field. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the effective communicate selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-115: Unsuccessful fill out the medical form with empty diseases checkbox

| | | |
|------------------------|---|--|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step3: assign class) with empty diseases checkbox. | |
| <u>Preconditions:</u> | Completed enrollment form (step 1) with valid enrollment details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User fills out all the input fields with valid input except for the diseases field with unchecked checkbox. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the diseases checkbox and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |

| | |
|--|----------------|
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-116: Unsuccessful fill out the medical form with empty allergies checkbox

| | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step3: assign class) with empty allergies checkbox. | |
| <u>Preconditions:</u> | Completed enrollment form (step 1) with valid enrollment details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User fills out all the input fields with valid input except for the allergies field with unchecked checkbox. | All medical details can be entered. |
| 2 | User clicks next button. | System displays error messages below the allergies checkbox field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-117: Unsuccessful assign class to student with empty class name selection field

| | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Lkwong | |
| <u>Summary:</u> | To validate that user cannot proceed to next step (step4: Terms and Conditions) with empty class name selection field. | |
| <u>Preconditions:</u> | Completed medical form (step 2) with valid medical details. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects all the selection fields with valid selection except for the class name with empty selection. | All assign class information can be selected. |
| 2 | User clicks next button. | System displays error messages below the class name selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-118: Unsuccessful assign class to student with empty class session selection fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step3: assign class) with empty class session selection.

Preconditions:

Completed medical form (step 2) with valid medical details.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|---|--|
| 1 | User selects all the selection fields with valid selection except for the class session with empty selection. | All assign class information can be selected. |
| 2 | User clicks next button. | System displays error messages below the class session selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-119: Unsuccessful assign class to student with empty class location selection fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step3: assign class) with empty class location selection.

Preconditions:

Completed medical form (step 2) with valid medical details.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | User selects all the selection fields with valid selection except for the class location with empty selection. | All assign class information can be selected. |
| 2 | User clicks next button. | System displays error messages below the class location selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-120: Unsuccessful assign class to student with empty childcare service selection fieldAuthor: S02-PS-LkwongSummary:

To validate that user cannot proceed to next step (step3: assign class) with empty childcare service selection field.

Preconditions:

Completed medical form (step 2) with valid medical details.

| #: | Step actions: | Expected Results: |
|--|---|--|
| 1 | User selects all the selection fields with valid selection except for the childcare service with empty selection. | All assign class information can be selected. |
| 2 | User clicks next button. | System displays error messages below the childcare service selection field and user cannot proceed to next step. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-121: Unsuccessful accept Terms and Conditions

Author: S02-PS-Lkwong

Summary:

To validate that user cannot submit the registration form with unchecked terms and conditions checkbox.

Preconditions:

Completed assign class (step 3) with valid assign class details.

| #: | Step actions: | Expected Results: |
|--|---|---|
| 1 | User reads the T&C and unchecked the checkbox for terms and conditions. | Checkbox for Terms and Conditions can be unchecked. |
| 2 | User clicks submit button. | System prompt out error messages and the registration form cannot be submitted. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-122: Unsuccessful generate enrollment letter

Author: S02-PS-Lkwong

Summary:

To validate that the system unable to generate enrollment letter if the registration form cannot be submmited due to the unchecked T&C.

Preconditions:

The checkbox for Terms and Conditions is unchecked.

| #: | Step actions: | Expected Results: |
|----|----------------------------|--|
| 1 | User clicks submit button. | System prompt out error messages and the form cannot be submitted and the enrollment letter cannot be generated. |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

1.3.Test Suite : Create Class

This test suite contains a set of test cases (preconditions, inputs, actions, expected results and postconditions) to test various test condition during the user (principal/admin) create classes. It covers all normal flows, alternative flow, and error flows in create classes.

1.3.1.Test Suite : Successful Create Class Scenarios

This test suite contains a set of test cases which show the successful create class scenario.

| | | |
|---|--|--|
| Test Case S02-PS-14: Successful Create New Class | | |
| <u>Author:</u> | S02-PS-Miftach | |
| <u>Summary:</u> | | |
| To validate the successful of creating a new class in kindergarten. | | |
| <u>Preconditions:</u> | | |
| The user is supposed to login into the system. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User select the "Create New Class" on the menu screen. | Correct Create New Class page is displayed. |
| 2 | User input the information of the class. | Text field of information can be filled. |
| 3 | User click submit button to submit the informations. | The information is printed and confirmation button is displayed. |
| 4 | User click confirm button. | New class is created and all informations are recorded. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | High | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|--|--|--|
| Test Case S02-PS-16: Successful Assign Class Teacher | | |
| <u>Author:</u> | S02-PS-Miftach | |
| <u>Summary:</u> | | |
| To validate the successful of assigning teacher for class. | | |
| <u>Preconditions:</u> | | |
| The class is already created and user can click "Assign class teacher" button. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User select "Assign Class Teacher" after created a new class. | Correct Assign Class Teacher is displayed. |
| 2 | User choose class teacher that available for the class in the dropdown list. | The selected teacher can be chosen. |
| 3 | User choose class language teacher in the dropdown list for the class. | The selected class language teacher can be chosen. |
| 4 | User select submit button to submit the assigning. | System displays successful assigning message. |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

1.3.2.Test Suite : Unsuccessful Create Class Scenarios

This test suite contains a set of test cases that show unsuccessful create class scenario.

| | | |
|---|---|---|
| Test Case S02-PS-99: Unsuccessful fill out the new class information form with invalid Year. | | |
| <u>Author:</u> | S02-PS-Miftach | |
| <u>Summary:</u> | To validate that user is unable to create a new class within invalid Year | |
| <u>Preconditions:</u> | User is directed to create class and assign the class teacher. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form with invalid Year. | All the fields are filled with valid input except Year. |
| 3 | User click "Submit" button. | Year fields displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|--|--|---|
| Test Case S02-PS-100: Unsuccessful fill out the new class information form with empty Year field. | | |
| <u>Author:</u> | S02-PS-Miftach | |
| <u>Summary:</u> | To validate that user is unable to create a new class within empty Year field. | |
| <u>Preconditions:</u> | User is directed to create class and assign the class teacher. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form except Year field. | All the fields are filled with valid input except Year field. |
| 3 | User click "Submit" button. | Year fields displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-101: Unsuccessful fill out the new class information form with invalid Class Name.Author: S02-PS-MiftachSummary:

To validate that user is unable to create a new class within invalid Class Name.

Preconditions:

User is directed to create class and assign the class teacher.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form with invalid Class Name. | All the fields are filled with valid input except Class Name. |
| 3 | User click "Submit" button. | Class Name field displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-102: Unsuccessful fill out the new class information form with empty Class Name field.Author: S02-PS-MiftachSummary:

To validate that user is unable to create a new class within empty Class Name field.

Preconditions:

User is directed to create class and assign the class teacher.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form except Class Name field. | All the fields are filled with valid input except Class Name field. |
| 3 | User click "Submit" button. | Class Name fields displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-103: Unsuccessful fill out the new class information form with invalid Maximum Capacity.Author: S02-PS-MiftachSummary:

To validate that user is unable to create a new class within invalid Maximum Capacity.

Preconditions:

User is directed to create class and assign the class teacher.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form with invalid Maximum Capacity. | All the fields are filled with valid input except Maximum Capacity. |
| 3 | User click "Submit" button. | Maximum Capacity field displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-104: Unsuccessful fill out the new class information form with empty Maximum Capacity field.

Author: S02-PS-Miftach

Summary:

To validate that user is unable to create a new class within empty Maximum Capacity field.

Preconditions:

User is directed to create class and assign the class teacher.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form except Maximum Capacity field. | All the fields are filled with valid input except Maximum Capacity field. |
| 3 | User click "Submit" button. | Maximum Capacity field displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-105: Unsuccessful fill out information form with Maximum Capacity less than 0 or more than 99.

Author: S02-PS-Miftach

Summary:

To validate that user is unable to create a new class within the student capacity less than 0 or more than 99.

| #: | Step actions: | Expected Results: |
|----|---|---|
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form with the capacity is less than 0 or more than 99. | All the fields are filled with valid input except Maximum Capacity. |
| 3 | User click "Submit" button. | Maximum Capacity field displays error message. |

| | |
|--|----------------|
| <u>Execution type:</u> | Manual |
| <u>Estimated exec. duration (min):</u> | |
| <u>Priority:</u> | Medium |
| <u>Requirements</u> | None |
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-106: Unsuccessful fill out the new class information form with invalid Class Time.

| | | |
|--|--|---|
| Author: | S02-PS-Miftach | |
| <u>Summary:</u> | | |
| To validate that user is unable to create a new class within invalid Class Time. | | |
| <u>Preconditions:</u> | | |
| User is directed to create class and assign the class teacher. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form with invalid Class Time. | All the fields are filled with valid input except Class Time. |
| 3 | User click "Submit" button. | Class Time field displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-107: Unsuccessful fill out the new class information form with empty Class Time field.

| | | |
|--|--|---|
| <u>Author:</u> | S02-PS-Miftach | |
| <u>Summary:</u> | | |
| To validate that user is unable to create a new class within empty Class Time field. | | |
| <u>Preconditions:</u> | | |
| User is directed to create class and assign the class teacher. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | User selects "Create Class" from menu bar. | System displays the required form for creating new class. |
| 2 | User fills the form except Class Time field. | All the fields are filled with valid input except Class Time field. |
| 3 | User click "Submit" button. | Class time field displays error message. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |

| | |
|-------------------|---------|
| Execution Details | |
| Execution Result | Not Run |

1.4.Test Suite : Manage class

This test suite contains a set of test cases (preconditions, inputs, actions, expected results and postconditions) to test various test condition during the user(principal/ admin) manages the classes. It covers all normal flows, alternative flow, and error flows in manage students process.

1.4.1. Test Suite : Unsuccessful Manage Class Scenario (Negative Testing)

A set of test cases with flows/steps and test conditions which manage class unsuccessfully

| | | |
|---|---|---|
| Test Case S02-PS-34: Unsuccessful delete class if clicking "Cancel" button | | |
| <u>Author:</u> | S02-PS-Kelven | |
| <u>Summary:</u> | To validate that deleting a class is unsuccessful if the user clicks the "Cancel" button. | |
| <u>Preconditions:</u> | The user enters the "Manage Class" page, selects a class to view the class's information. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | The user select a class to view the class's information. | The user is directed to the class's information interface. |
| 2 | The user click the "Delete" button. | System prompt confirmation delete message to user. |
| 3 | The user click the "Cancel" button. | System does not delete any data from database and redirect back to the "Manage Class" page. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|---|---|---|
| Test Case S02-PS-69: Unsuccessful update class maximum capacity with empty input | | |
| <u>Author:</u> | S02-PS-Kelven | |
| <u>Summary:</u> | To validate that the user is unable to update class maximum capacity if the input is empty. | |
| <u>Preconditions:</u> | The user enters the "Manage Class" page, select a class to view the class's information. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter empty data input for the "Class Maximum Capacity" data field. | "Class Maximum Capacity" field is filled with an empty input. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |

| | |
|--------------------------|----------------|
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-72: Unsuccessful update class maximum capacity with input less than 1.Author: S02-PS-KelvenSummary:

To validate that the user is unable to update class maximum capacity if the input is less than 1.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter data input that is less than 1 for the "Class Maximum Capacity" data field. | "Class Maximum Capacity" field is filled with 0. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |

Execution type: ManualEstimated exec. duration (min):Priority: MediumRequirements NoneKeywords: None**Execution Details**Execution Result **Not Run****Test Case S02-PS-74: Unsuccessful update class maximum capacity with input more than 99**Author: S02-PS-KelvenSummary:

To validate that the user is unable to update class maximum capacity if the input is more than 99.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter input that is more than 99 for the "Class Maximum Capacity" data field. | "Class Maximum Capacity" field is filled with 100. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |

Execution type: ManualEstimated exec. duration (min):Priority: MediumRequirements NoneKeywords: None**Execution Details**Execution Result **Not Run**

Test Case S02-PS-86: Unsuccessful update class name with empty inputAuthor: S02-PS-KelvenSummary:

To validate that the user is unable to update class name if the input is empty.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter empty data input for the "Class Name" data field. | "Class Name" field is filled with an empty input. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | | Manual |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | | Medium |
| <u>Requirements</u> | | None |
| <u>Keywords:</u> | | None |
| Execution Details | | |
| <u>Execution Result</u> | | Not Run |

Test Case S02-PS-91: Unsuccessful update class time with empty inputAuthor: S02-PS-KelvenSummary:

To validate that the user is unable to update class time if the input is empty.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter empty data input for the "Class Time" data field. | "Class Time" field is filled with an empty input. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | | Manual |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | | Medium |
| <u>Requirements</u> | | None |
| <u>Keywords:</u> | | None |
| Execution Details | | |
| <u>Execution Result</u> | | Not Run |

Test Case S02-PS-93: Unsuccessful update class status with empty inputAuthor: S02-PS-KelvenSummary:

To validate that the user is unable to update class status if the input is empty.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter empty data input for the "Class Status" data field. | "Class Status" field is filled with an empty input. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | | Manual |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | | Medium |
| <u>Requirements</u> | | None |
| <u>Keywords:</u> | | None |
| Execution Details | | |
| <u>Execution Result</u> | | Not Run |

Test Case S02-PS-95: Unsuccessful update class status with invalid input

Author: S02-PS-Kelven

Summary:

To validate that the user is unable to update class status if the input is invalid, which is other than "Valid", "Invalid" and "Full".

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| #: | Step actions: | Expected Results: |
|--|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter invalid data input for the "Class Status" data field. | "Class Status" field is filled with "Empty". |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | | Manual |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | | Medium |
| <u>Requirements</u> | | None |
| <u>Keywords:</u> | | None |
| Execution Details | | |
| <u>Execution Result</u> | | Not Run |

Test Case S02-PS-96: Unsuccessful update class time with invalid input in wrong format

Author: S02-PS-Kelven

Summary:

To validate that the user is unable to update class time if the input is written in wrong format, which is 12-Hour Clock format, such as "8.00 am to 12.00 pm".

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| #: | Step actions: | Expected Results: |
|----|---------------|-------------------|
|----|---------------|-------------------|

| | | |
|--|--|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter data input in wrong format for the "Class Time" data field. | "Class Time" field is filled with "8-12 in morning". |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-97: Unsuccessful update class type with invalid inputAuthor: S02-PS-KelvenSummary:

To validate that the user is unable to update class type if the input is invalid in relation with class time.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|--|---|---|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user select invalid data input for the "Class Type" data field. | "ClassType" field is selected with "Afternoon Kindergarten" when the "Class Time" is in morning. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

Test Case S02-PS-98: Unsuccessful update class maximum capacity with input less than current class student numberAuthor: S02-PS-KelvenSummary:

To validate that the user is unable to update class maximum capacity if the input is less than the current student number.

Preconditions:

The user enters the "Manage Class" page, select a class to view the class's information.

| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
|-----------|---|--|
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter data input that is less than current class student number for the "Class Maximum | "Class Maximum Capacity" field is filled with 20 when then current "Class Student number" is |

| | | |
|--|----------------------------------|---|
| | Capacity" data field. | 21. |
| 3 | The user clicks "Update" button. | System prompt invalid data input message to user and redirect back to update class information interface. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Medium | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

1.4.2. Test Suite : Successful Manage Class Scenario (Positive Testing)

A set of test cases with flows/steps and test conditions which manage class successfully

| | | |
|--|--|---|
| Test Case S02-PS-4: Successful view class's information | | |
| <u>Author:</u> | S02-PS-Kelven | |
| <u>Summary:</u> | To validate that successful viewing a list that contains all the classes in the kindergarten is available. | |
| <u>Preconditions:</u> | The user is logged in to the system with authorized access to manage the class. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | The user select "Manage Class" on the dashboard page. | The user is directed to the "Manage Class" interface and a list of all class is displayed. |
| 2 | The user select a class to view the class's information. | The user is directed to the class's information interface and all the information about the class is displayed. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |

| | | |
|--|--|--|
| Test Case S02-PS-5: Successful update class's information | | |
| <u>Author:</u> | S02-PS-Kelven | |
| <u>Summary:</u> | To validate that successful updating information of a class is available for the selected class with valid data input. | |
| <u>Preconditions:</u> | The user enters the "Manage Class" page, selects a class to view the class's information. | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | The user clicks "Update" button for the selected class. | The user is directed to update class information interface. |
| 2 | The user enter valid input for updating class's information. | All fields are filled with valid inputs. |
| 3 | The user clicks "Update" button. | System prompt confirmation update message to the user. |
| 4 | The user clicks "OK" button. | System update the class's information in the database with the input data and redirect back to the selected class information interface. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |

| | |
|--------------------------|----------------|
| <u>Keywords:</u> | None |
| Execution Details | |
| <u>Execution Result</u> | Not Run |

Test Case S02-PS-6: Successful delete class

| | | |
|---|--|--|
| Author: | S02-PS-Kelven | |
| <u>Summary:</u> | | |
| To validate that successful deleting a class is available. | | |
| <u>Preconditions:</u> | | |
| The user enters the "Manage Class" page, selects a class to view the class's information. | | |
| <u>#:</u> | <u>Step actions:</u> | <u>Expected Results:</u> |
| 1 | The user select a class to view the class's information. | The user is directed to the class's information interface. |
| 2 | The user click the "Delete" button for the selected class. | System prompt confirmation delete message to user. |
| 3 | The user click the "OK" button. | System delete the class's data from database and redirect back to the "Manage Class" page. |
| <u>Execution type:</u> | Manual | |
| <u>Estimated exec. duration (min):</u> | | |
| <u>Priority:</u> | Low | |
| <u>Requirements</u> | None | |
| <u>Keywords:</u> | None | |
| Execution Details | | |
| <u>Execution Result</u> | Not Run | |