

Employee Roster – System Level Test

Description:

This system level test is to test the Employee Roster program. The Employee Roster program is designed for a user to enter in an employee's information which is then written to a database.

Purpose:

- Insure that only certain data types can be entered into certain fields
- Verify employee information is written to the database
- Verify that the employee roster can be viewed

Test Cases:

Test Case	Expected Result	Actual Result	Test Result
Valid Name	No message	No message	Passed
Invalid Name	Display error message "Name must contain alphabetic characters only"	The correct error message	Passed
Valid Phone number	No message	No message	Passed
Invalid Phone number	Display error message "Phone Number must contain numeric characters only"	The correct error message	Passed
Valid Date	No message	No message	Passed
Invalid Date	Display error message "Date must conform to the format MM/DD/YYYY"	The correct error message	Passed
Employee Added	The employee's information	The employee's information	Passed
Employee Not Added	Display error message "Unable to add employee to the roster"	The correct error message	Passed
Employee Already Exists	Display error message "This employee has already been added to the roster"	The correct error message	Passed
View Employee Roster	A list of all employees and their information	A list of all employees and their information	Passed
Empty Employee Roster	Message is displayed "No employees have been added to the roster"	The correct message	Passed

Triggers:

- The user presses the enter key

Preconditions:

- There must be an established database connection
- The user must have read/write privileges on the given database

Post-Conditions:

- All data written to the database remains persistent