**Assignment 2 Test Plan**

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| **Name** | **Description** | **Method** | **Expected Result** | **Actual Result** | **Pass / Fail** |
| Payroll\_process\_check fail | Is payroll process returns no data, an error message should display on screen. | Deleted row from payroll then execute payroll process check | Error should be thrown | Error was thrown, displayed message | Pass |
| Payroll process check y | If the payroll is set to Y then it should be returned | Called function to check payroll | Y is returned | Y is returned | Pass |
| Payroll process check | If the payroll is set to N then it should be returned | Called function to check payroll | N is returned | N is returned | Pass |
| Update processing flag | If the payroll can be processed, the flag should be set to n. | Called procedure to update payroll column | Payroll column is set to n | Payroll column is n | Pass |
| Load payroll trigger status | When processing the bin file, the payroll should be set either ‘G’ for processed or ‘B’ otherwise | Inserted a single row into the payroll | Status column is set to ‘G’ | Status column is P | Fail |
| Load payroll\_trigger ex status | When processing the bin file, the payroll should be set either ‘G’ for processed or ‘B’ otherwise | Inserted a single row into the payroll | Status column is set to ‘B’ | Status column is P | Fail |
| Load payroll trigger status | When processing the bin file, the payroll should be set either ‘G’ for processed or ‘B’ otherwise | Inserted a single row into the payroll | Status column is set to ‘G’ | Status column is set to ‘G’ | Pass |
| Load payroll\_trigger ex status | When processing the bin file, the payroll should be set either ‘G’ for processed or ‘B’ otherwise | Inserted a row into the payroll load with errors | Status column is set to ‘B’ | Status column is set to ‘B’ | Pass |
| Load payroll trigger | When processing a line in the file, 2 lines in the new transactions table should be made, 1 for accounts payable, and 1 for payroll expense | Insert a row into the payroll load | 2 lines are inserted into the new\_transactions | 2 lines are inserted into the new\_transactions | Pass |
| Zero accounts | When the method is called, the new transactions table must be checked and for revenues and expenses 2 new lines must be created with the appropriate transaction type.  1 for the corresponding line  1 to the Owners equity | Call procedure to zero accounts | Only the expenditures and revenues are zeroed | Everything is zeroed | Fail |
| Zero accounts | When the method is called, the new transactions table must be checked and for revenues and expenses 2 new lines must be created with the appropriate transaction type.  1 for the corresponding line  1 to the Owners equity | Change balances in account for zero testing then run zero accounts | The table is zeroed | Only the revenues get zeroed | Fail |
| Zero accounts | When the method is called, the new transactions table must be checked and for revenues and expenses 2 new lines must be created with the appropriate transaction type.  1 for the corresponding line  1 to the Owners equity | Change balances in account for zero testing then run zero accounts | The table is zeroed | The table is zeroed | Pass |
| Check month end flag | The month end flag will return y if it is ok to proceed | Call procedure to check month end | Y is returned | Y is returned | Pass |
| Update month end flag n | The month end flag will be updated to n to signal that it is currently in use | Call procedure to update month end | Month end is set to n | Month end is set to n | pass |
| Check month end flag N | The month end flag will return y if it is ok to proceed | Call procedure to check month end | N is returned | N is returned | Pass |
| Update month end flag Y | The month end flag will be updated to n to signal that it is currently in use | Call procedure to update month end | Month end is set to Y | Month end is set to Y | Pass |
| Create export | Creates a directory with the alias provided by the user | Call this sql statement | Directory should be created | Invalid character | Fail |
| Create export | Creates a directory with the alias provided by the user | Call this sql statement | Directory should be created | Directory is created | Pass |
| Write to export | A report file is created based on the alias and filename the user provides | Execute the statement that runs the program | A file with the new\_transactions table is populated | Fields not delimited,User not showing as a field | Fail |
| Write to export | A report file is created based on the alias and filename the user provides | Execute the statement that runs the program | A file with the new\_transactions table is populated | User not showing as a field | Fail |
| Write to export | A report file is created based on the alias and filename the user provides | Execute the statement that runs the program | A file with the new\_transactions table is populated | A file with the new\_transactions table is populated | Pass |
| Invalid login | The program should inform the user that their credentials are invalid | Login to the program with the wrong credentials | Message states that the user has not logged in | SQLException | Fail |
| Invalid login | The program should inform the user that their credentials are invalid | Login to the program with the wrong credentials | Message states that the user has not logged in | User has not logged in | Pass |
| Auditing – Update/insert/delete | When an insert/delete/update is done on the account table, a message should be shown displaying the user, type of access, and time of access | Update the account table with a new line, update information delete line | The auditing table displays the actions given | Auditing table does not update | Fail |
| Auditing – Update/insert/delete | When an insert/delete/update is done on the account table, a message should be shown displaying the user, type of access, and time of access | Update the account table with a new line, update information delete line | The auditing table displays the actions given | Auditing table does not update for deletes | Fail |
| Auditing – Update/insert/delete | When an insert/delete/update is done on the account table, a message should be shown displaying the user, type of access, and time of access | Update the account table with a new line, update information delete line | The auditing table displays the actions given | Auditing table does not update | Fail |
| Auditing – Update/insert/delete | When an insert/delete/update is done on the account table, a message should be shown displaying the user, type of access, and time of access | Update the account table with a new line, update information delete line | The auditing table logs the actions given | The auditing table logs the actions given | Pass |