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|---|---|
| **Project Name:** | **AEL LPG** |
| **Project version:** | **xx.xx** |
| **Project type:** | **LPG related** |
| **Assigned SQA Engineer:** | **Jawad Ahmed** |
| **Started Hands-on:** | **21/08/2021** |
| **Testing Type:** | **Functional Testing** |
| **Requirement Received:** | **NO** |
| **Testing Base:** | **Black Box Testing** |
| **Development methodology:** | **Not Specified** |
| **Framework Used:** | **CodeIgniter** |

## Parameters:

| Title | Meaning |
|---|---|
| **Passed** | **All functions are working as expected.** |
| **Partially Passed** | **Most of the functions are working except some minor issues.** |
| **Failed** | **Serious issues have been encountered.** |

| Test Scenario(ID) | Test Case | Pre Conditions | Test Step | Test Data | Expected Result | Actual Result | Pass/fail |
|---|---|---|---|---|---|---|---|
| Login Check (2001) | Check response on Entering credentials to login | None | 1. Lunch Application 2.Enter login email and password 3. Check if signs in | Name: fyimohit@gmail.com Pass: 123456 FYIMOHIT@LIVE.COM Pass: 123456 fyimohit@live.com pass: 123456(Caps ON) fyiMOHIT@gmail.com pass: 123456 | Should be able to login | Logged in with non case sensitive email which is user friendly but also logged in with caps lock on which is considered a serious issue | **Partially Passed** |
| Login Interface(2002) | Check if the UI is ok | None | None | None | Should be OK | As expected | **Passed** |
| Purchase Voucher Form(2003) Category: Empty Cylinder | To check if all the functionalities in the form works properly. | Successful login | Input data Check if data is successfully stored Recheck and take steps on stored data. | Random values were inputted based on field criteria. | Should be functional and give no error. | Spelling mistake in "Cheque"  A cylinder cannot be a fraction number, but it is taking fraction as input and showing result.  Manual voucher id system does not work. Though it takes input, it doesn't show up in invoice list or invoice.  It would be better if the error message specified | **Partially Passed.** |

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| | | | | | | what kind of error was encountered.<br><br>Other functions are operational. Responsive is working. | |
| Purchase Voucher Form(2004) Category: Refill | 2003 | 2003 | 2003 | 2003 | 2003 | 20% of the time invoice purchase doesn't work, though all inputs are correct.<br><br>Wrong entry message takes too long to appear.<br><br>Manual voucher id system does not work. Though it takes input, it doesn't show up in invoice list or invoice.<br><br>Spelling mistake in "Cheque"<br><br>A cylinder cannot be a fraction number, but it is taking fraction as input and showing result. | **Partially Passed.** |

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|---|---|---|---|---|---|---|---|
| Purchase Voucher Form(2005) Category: Package | 2003 | 2003 | 2003 | 2003 | 2003 | 2004 | **Partially Passed.** |
| Purchase Voucher Form(2006) Category: Burner | 2003 | 2003 | 2003 | 2003 | 2003 | 2004 | **Partially Passed.** |
| Purchase Voucher Form(2007) Category: Fish | 2003 | 2003 | 2003 | 2003 | 2003 | Everything is working fine except fish number is taking input as fraction. | **Partially Passed.** |
| Purchase Voucher Form(2008) Category: Hose Clamp | 2003 | 2003 | 2003 | 2003 | 2003 | Everything is working fine except hose clamp number is taking input as fraction. | **Partially Passed.** |
| Purchase Voucher Form(2009) Category: Hose Pipe | 2003 | 2003 | 2003 | 2003 | 2003 | Everything is working fine except hose pipe number is taking input as fraction. | **Partially Passed.** |
| Purchase Voucher Form(2010) Category: Regulator | 2003 | 2003 | 2003 | 2003 | 2003 | Everything is working fine except regulator number is taking input as fraction. | **Partially Passed.** |
| Supplier Add(2011) | 2003 | 2003 | 2003 | 2003 | 2003 | Input is working fine but input validation was not enabled. | **Passed** |
| Supplier List(2012) | 2003 | 2003 | 2003 | 2003 | 2003 | Status button doesn't imply any action. | **Partially Passed.** |

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|---|---|---|---|---|---|---|---|---|
| Supplier Edit(2013) | 2003 | 2003 | 2003 | 2003 | | 2003 | Reset button is not functional. | **Partially Passed.** |
| Product Category(2014) | 2003 | 2003 | 2003 | 2003 | | 2003 | Works as expected. | **Passed** |
| Add Product(2015) | 2003 | 2003 | 2003 | 2003 | | 2003 | 2014 | **Passed** |
| Product List(2016) | 2003 | 2003 | 2003 | 2003 | | 2003 | 2012 | **Partially Passed.** |
| Brand Add(2017) | 2003 | 2003 | 2003 | 2003 | | 2003 | 2014 | **Passed** |
| Brand List(2018) | 2003 | 2003 | 2003 | 2003 | | 2003 | 2014 | **Passed** |
| Brand Edit(2019) | 2003 | 2003 | 2003 | 2003 | | 2003 | Reset button not working. | **Partially Passed.** |
| Add Product(2020) | 2003 | 2003 | 2003 | 2003 | | 2003 | As expected | **Passed** |
| Product Package Add(2021) | 2003 | 2003 | 2003 | 2003 | | 2003 | As expected | **Passed** |
| Package List(2021) | 2003 | 2003 | 2003 | 2003 | | 2003 | When delete action is pressed, it redirects to Homepage | **Partially Passed.** |
| Supplier Purchase Report(2022) | 2003 | 2003 | 2003 | 2003 | | 2003 | Date is not updated. Every order shows same date. | **Partially Passed.** |
| Product Wise Purchases(2023) | 2003 | 2003 | 2003 | 2003 | | 2003 | Product purchase list redirects to homepage | **Partially Passed.** |
| Purchase Report (2024) | 2003 | 2003 | 2003 | 2003 | | 2003 | Clicking on supplier ID gives error | **Partially Passed** |
| Product Ledger(2025) | 2003 | 2003 | 2003 | 2003 | | 2003 | If a product is chosen, webpage stops working | **Failed** |
| Data Wise stock Report(2026) | 2003 | 2003 | 2003 | 2003 | | 2003 | 2025 | **Failed** |
| Data Wise stock Value(2027) | 2003 | 2003 | 2003 | 2003 | | 2003 | As expected | **Passed** |
| Cylinder Summary Report(2028) | 2003 | 2003 | 2003 | 2003 | | 2003 | 2027 | **Passed** |

| New Sale Invoice(2029) | 2003 | 2003 | 2003 | 2003 | 2003 | Manual invoice input doesn't work. | **Partially Passed** |
|---|---|---|---|---|---|---|---|
| Customer Payment List(2030) | 2003 | 2003 | 2003 | 2003 | 2003 | As Expected | **Passed** |
| Pending cheque and sales return(2031) | 2003 | 2003 | 2003 | 2003 | 2003 | As Expected | **Passed** |
| Reference(2032) | 2003 | 2003 | 2003 | 2003 | 2003 | Reset button doesn't work on edit reference.<br><br>Delete option doesn't work in reference list. | **Partially Passed** |
| Sales Report(2033) | 2003 | 2003 | 2003 | 2003 | 2003 | The link attached with customer id doesn't work. | **Partially Passed** |
| Customer Sales Report(2034) | 2003 | 2003 | 2003 | 2003 | 2003 | Date is showing wrong information. | **Partially Passed** |
| Product Wise Sales(2035) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Customer Wise Sales Report(2036) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Sales Report Brand Wise(2037) | 2003 | 2003 | 2003 | 2003 | 2003 | Print window is not properly scaled | **Partially Passed** |
| Daily Sales Statement(2038) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Data Range Wise Product Sales(2039) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Date Wise Product Sales(2040) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |

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|---|---|---|---|---|---|---|
| Payment Voucher(2041) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Receive Voucher(2042) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Journal Voucher(2043) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Bill Voucher(2044) | 2003 | 2003 | 2003 | 2003 | 2003 | Fatal error, can't link to database. | **Failed** |
| List Chart Of Account(2045) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| View Chart Of Account(2046) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| General Ledger(2047) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Trial Balance(2048) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Balance Sheet(2049) | 2003 | 2003 | 2003 | 2003 | 2003 | 2031 | **Passed** |
| Income Statement(2050) | 2003 | 2003 | 2003 | No data input. | 2003 | 2031 | **Passed** |
| Cash Flow(2051) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Cash Book(2052) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Bank Book(2053) | 2003 | 2003 | 2003 | 2050 | 2003 | In name of the bank, some bank details don't show up and give a load error. | **Failed** |
| Customer Ledger(2054) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Supply Ledger(2055) | 2003 | 2003 | 2003 | 2050 | 2003 | In "All" section, invoice link doesn't work. | **Partially Passed** |
| Day Book Report(2056) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Opening Balance(2057) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Opening Inventory(2058) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Supplier Opening(2059) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Customer Opening(2060) | 2003 | 2003 | 2003 | 2050 | 2003 | Customer Opening not working | **Partially Passed** |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Cylinder Opening(2061) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| System Config (2062) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| User Access(2063) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| User List(2064) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Login History(2065) | 2003 | 2003 | 2003 | 2050 | 2003 | Not Working | **Failed** |
| Employee List(2066) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Vehicle(2067) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Branch Info(2068) | 2003 | 2003 | 2003 | Random data was inputted in form | 2003 | 2031 | **Passed** |
| Bank Account info(2069) | 2003 | 2003 | 2003 | 2068 | 2003 | 2031 | **Passed** |
| Setup & Product import(2070) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |
| Purchases, sales & finance import(2071) | 2003 | 2003 | 2003 | 2050 | 2003 | 2065 | **Failed** |
| Logout (2072) | 2003 | 2003 | 2003 | 2050 | 2003 | 2031 | **Passed** |

**Comment**: Test report was generated based on giving unanimous data. No requirement document was given and no software working plan was provided. So, only a few functional testing were done and about 75 errors were found among 72 test methods and 90+ sub methods. Black Box Testing doesn't require backend Database access, so database testing was not necessary. The tested faults may alter or change upon next development phase.

Smoke Test:           **Passed**

Unit testing:          Should have been done by the developers.

Regression Testing:    Not possible without a complete requirement documentation.

**Summary:**           Software needs **major** operational change and **minor** UI change.

*Jawad Ahmed*

23-08-2021