**VEDA Automation Implementation Document**

Packages

Packages 1

1. Config 14

1.1. **ExcelUtils** 14

2. Lib 15

2.1. **AllocationWizardFunctions** 16

2.2. **ClassAppFunctions** 17

2.3. **ClientAppFunctions** 19

2.4. **ComparisonReportFunctions** 19

2.5. **Constants** 20

2.6. **ExcelOperations** 20

2.7. **FeederRedemptionAppFunctions** 20

**2.8 FeederSubscriptionAppFunctions** 21

**2.9 FeeDistributionAppFunctions (This java (class) file contains methods which were written before and after integration of Fee Distribution into Investor master)** 21

2.10 **FormulaSetupAppFunctions** 22

2.11 **FundFamilyAppFunctions** 23

2.12 **Global** 23

2.13 **GroupAppFunctions** 23

2.14 **HolderMasterAppFunctions** 24

2.15 **IncentiveFeeAppFunctions** 25

2.16 **InvestorAccountMasterAppFunctions** 25

2.17 **InvestorMasterAppFunctions** 26

2.18 **JointHolderAppFunctions** 27

2.19 **LegalEntityAppFunctions** 27

2.20 **ManagementFeeAppFunctions** 29

2.21 **NewReporting** 29

2.22 **NewUICommonFunctions** 29

2.23 **OpeningBalanceMasterAppFunctions** 35

2.24 **ParameterAppFunctions** 35

2.25 **RoleAppFunctions** 36

2.26 **SeriesAppFunctions** 36

2.27 **SidePocketRedemptionAppFunctions** 36

2.28 **SidePocketSubscriptionAppFunctions** 37

2.29 **TradeSearchAppFunctions** 38

2.30 **TradeTypeExchangeAppFunction** 39

2.31 **TradeTypeRedemptionAppFunctions** 42

2.32 **TradeTypeSubscriptionAppFunctions** 44

2.33 **TradeTypeSwitchAppFunctions** 46

2.34 **TradeTypeTransferAppFunctions** 49

2.35 **UserAppFunctios** 51

2.36 **XMLLibrary :** 53

3. Locators 53

4. Client Test Scripts 54

4.1 **ClientMaster\_MakerOperations\_TC1:** 54

4.2 **ClientMaster\_CheckerOperations\_TC2:** 54

4.3 **ClientMaster\_ModifyMakerOperations\_TC3:** 54

4.4 **ClientMaster\_ModifyCheckerOperations\_TC4:** 54

**4.5** **ClientMaster\_DeactivateMakerOperations\_TC5:** 55

**4.6** **ClientMaster\_DeactivateCheckerOperations\_TC6:** 55

**4.7** **ClientMaster\_ActivateMakerOperations\_TC7:** 55

4.8 **ClientMaster\_ActivateCheckerOperations\_TC8:** 55

5 Fund Family Test Scripts 55

5.1 **FundFamilyMaster\_MakerOperations\_TC1:** 55

5.2 **FundFamilyMaster\_CheckerOperations\_TC2:** 55

5.3 **FundFamilyMaster\_ModifyMakerOperations\_TC3:** 56

5.4 **FundFamilyMaster\_ModifyCheckerOperations\_TC4:** 56

5.5 **FundFamilyMaster\_DeactivateMakerOperations\_TC5:** 56

5.6 **FundFamilyMaster\_DeactivateCheckerOperations\_TC6:** 56

5.7 **FundFamilyMaster\_ActivateMakerOperations\_TC7:** 56

5.8 **FundFamilyMaster\_ActivateCheckerOperations\_TC8:** 56

6 Legal Entity Test Scripts: 56

6.1 **LegalEntityMaster\_MakerOperations\_TC1:** 57

6.2 **LegalEntityMaster\_CheckerOperations\_TC2:** 57

6.3 **LegalEntityFeeder\_MakerOperations\_TC3:** 57

6.4 **LegalEntityFeeder\_CheckerOperations\_TC4:** 57

6.5 **LegalEntityMaster\_ModifyMakerOperations\_TC5:** 57

6.6 **LegalEntityMaster\_ModifyCheckerOperations\_TC6:** 57

6.7 **LegalEntity\_VerifyClonedValues\_TC7:** 57

6.8 **LegalEntity\_MakerDeactivateOperations\_TC8:** 57

6.9 **LegalEntity\_CheckerDeactivateOperations\_TC9:** 57

6.10 **LegalEntity\_MakerActivateOperations\_TC10:** 58

6.11 **LegalEntity\_CheckerActivateOperations\_TC11:** 58

7 Class Test Scripts: 58

7.1 **ClassMaster\_MakerOperations\_TC1:** 58

7.2 **ClassMaster\_CheckerOperations\_TC2:** 58

7.3 **ClassClone\_MakerOperations\_TC3:** 58

7.4 **ClassClone\_CheckerOperations\_TC4:** 59

7.5 **ClassMaster\_ModifyMakerOperations\_TC5:** 59

7.6 **ClassMaster\_ModifyCheckerOperations\_TC6:** 59

7.7 **ClassMaster\_VerifyClonedAndLEDataForClass\_TC7:** 59

7.8 **ClassMaster\_MakerDeactivateOperations\_TC8:** 59

7.9 **ClassMaster\_CheckerDeactivateOperations\_TC9:** 59

7.10 **ClassMaster\_MakerActivateOperations\_TC10:** 59

7.11 **ClassMaster\_CheckerActivateOperations\_TC11:** 59

8 Series Test Scripts: 60

8.1 **SeriesMaster\_MakerOperations\_TC1:** 60

8.2 **SeriesMaster\_CheckerOperations\_TC2:** 60

8.3 **SeriesMaster\_ModifyMakerOperations\_TC3:** 60

8.4 **SeriesMaster\_ModifyCheckerOperations\_TC4:** 60

8.5 **SeriesMaster\_DeactivateMakerOperations\_TC5:** 60

8.6 **SeriesMaster\_DeactivateCheckerOperations\_TC6:** 60

8.7 **SeriesMaster\_ActivateMakerOperations\_TC7:** 61

8.8 **SeriesMaster\_ActivateCheckerOperations\_TC8:** 61

9 Formula Test Scripts: 61

9.1 **FormulaSetupMaster\_MakerOperations\_TC1:** 61

9.2 **FormulaSetupMaster\_CheckerOperations\_TC2:** 61

9.3 **FormulaSetupMaster\_ModifyMakerOperations\_TC3:** 61

9.4 **FormulaSetupMaster\_ModifyCheckerOperations\_TC4:** 61

9.5 **FormulaSetupMaster\_DeactivateMakerOperations\_TC5:** 62

9.6 **FormulaSetupMaster\_DeactivateCheckerOperations\_TC6:** 62

9.7 **FormulaSetupMaster\_ActivateMakerOperations\_TC7:** 62

9.8 **FormulaSetupMaster\_ActivateCheckerOperations\_TC8:** 62

10 Parameter Test Scripts: 62

10.1 **ParameterMaster\_MakerOperations\_TS1:** 62

10.2 **ParameterMaster\_CheckerOperations\_TS2:** 63

10.3 **ParameterMaster\_MakerOperations\_TS3:** 63

10.4 **ParameterMaster\_CheckerOperations\_TS4:** 63

10.5 **ParameterMaster\_ModifyMakerOperations\_TS5:** 63

10.6 **ParameterMaster\_ModifyCheckerOperations\_TC6:** 63

10.7 **ParameterMaster\_DeactivateMakerOperations\_TC7:** 63

10.8 **ParameterMaster\_DeactivateCheckerOperations\_TC8:** 63

10.9 **ParameterMaster\_ActivateMakerOperations\_TC9:** 63

10.10 **ParameterMaster\_ActivateCheckerOperations\_TC10:** 63

11 Management Fee Test Scripts: 64

11.1 **ManagementFeeMaster\_MakerOperations\_TC1:** 64

11.2 **ManagementFeeMaster\_CheckerOperations\_TC2:** 64

11.3 **ManagementFeeMaster\_ModifyMakerOperations\_TC3:** 64

11.4 **ManagementFeeMaster\_ModifyCheckerOperations\_TC4:** 64

11.5 **ManagementFeeMaster\_DeactivateMakerOperations\_TC5:** 64

11.6 **ManagementFeeMaster\_DeactivateCheckerOperations\_TC6:** 64

11.7 **ManagementFeeMaster\_ActivateMakerOperations\_TC7:** 65

11.8 **ManagementFeeMaster\_ActivateCheckerOperations\_TC8:** 65

12 Incentive Fee Test Scripts: 65

12.1 **IncentiveFeeMaster\_MakerOperations\_TS1:** 65

12.2 **IncentiveFeeMaster\_CheckerOperations\_TS2:** 65

12.3 **IncentiveFeeMaster\_ModifyMakerOperations\_TS3:** 65

12.4 **IncentiveFeeMaster\_ModifyCheckerOperations\_TS4:** 65

12.5 **IncentiveFeeMaster\_DeactivateMakerOperations\_TS5:** 66

12.6 **IncentiveFeeMaster\_DeactivateCheckerOperations\_TS6:** 66

12.7 **IncentiveFeeMaster\_ActivateMakerOperations\_TS7:** 66

12.8 **IncentiveFeeMaster\_ActivateCheckerOperations\_TS8:** 66

13 Investor with Integrated Fee Distribution Test Scripts: 66

13.1 **InvestorMaster\_MakerOperations\_TC1:** 66

13.2 **InvestorMaster\_CheckerOperations\_TC2:** 67

13.3 **InvestorMaster\_ModifyMakerOperations\_TC3:** 67

13.4 **InvestorMaster\_ModifyCheckerOperations\_TC4:** 67

13.5 **InvestorMaster\_DeactivateMakerOperations\_TC5:** 67

13.6 **InvestorMaster\_DeactivateCheckerOperations\_TC6:** 67

13.7 **InvestorMaster\_ActivateMakerOperations\_TC7:** 67

13.8 **InvestorMaster\_ActivateCheckerOperations\_TC8:** 67

14 Holder Master Test Scripts: 68

14.1 **InvestorMaster\_MakerOperations\_TC1:** 68

14.2 **InvestorMaster\_CheckerOperations\_TC2:** 68

14.3 **InvestorMaster\_ModifyMakerOperations\_TC3:** 68

14.4 **InvestorMaster\_ModifyCheckerOperations\_TC4:** 68

14.5 **InvestorMaster\_DeactivateMakerOperations\_TC5:** 68

14.6 **InvestorMaster\_DeactivateCheckerOperations\_TC6:** 68

14.7 **InvestorMaster\_ActivateMakerOperations\_TC7:** 68

14.8 **InvestorMaster\_ActivateCheckerOperations\_TC8:** 69

15 Joint Holder Test Scripts: (These scripts are not updated from the change request taken place due to huge number of fields and tabs got added. Asked us to leave without further modifications). 69

15.1 **JointHolder\_MakerOperations\_TC1:** 69

15.2 **JointHolder\_CheckerOperations\_TC2:** 69

15.3 **JointHolder\_ModifyMakerOperations\_TC3:** 69

15.4 **JointHolder\_ModifyCheckerOperations\_TC4:** 69

15.5 **JointHolder\_DeactivateMakerOperations\_TC5:** 70

15.6 **JointHolder\_DeactivateCheckerOperations\_TC6:** 70

15.7 **JointHolder\_ActivateMakerOperations\_TC7:** 70

15.8 **JointHolder\_ActivateCheckerOperations\_TC8:** 70

16 Account Master Test Scripts: 70

16.1 **InvestorAccountMaster\_MakerOperations\_TC1:** 70

16.2 **InvestorAccountMaster\_ModifyMakerOperations\_TC2:** 70

16.3 **InvestorAccountMaster\_DeactivateMakerOperations\_TC3:** 70

16.4 **InvestorAccountMaster\_ActivateMakerOperations\_TC4:** 70

17 Opening Balance Master Test Scripts: 71

17.1 **OpeningBalanceMaster\_MakerOperations\_TS1:** 71

17.2 **OpeningBalanceMaster\_CheckerOperations\_TS2:** 71

17.3 **OpeningBalanceMaster\_ModifyMakerOperations\_TS3:** 71

17.4 **OpeningBalanceMaster\_ModifyCheckerOperations\_TS4:** 71

17.5 **OpeningBalanceMaster\_DeactivateMakerOperations\_TS5:** 71

17.6 **OpeningBalanceMaster\_DeactivateCheckerOperations\_TS6:** 71

17.7 **OpeningBalanceMaster\_ActivateMakerOperations\_TS7:** 72

17.8 **OpeningBalanceMaster\_ActivateCheckerOperations\_TS8:** 72

18 Trade Type Subscription Test Scripts: 72

18.1 **CreateSubscription\_TestScript\_TS1:** 72

18.2 **SubscriptionCheckerOperation\_TS2:** 72

18.3 **CheckerReviewedOrReturnedSubscriptionMakerOperations\_TS3:** 72

18.4 **CheckerReviewedOrReturnedSubscriptionCheckerOperations\_TS4:** 72

18.5 **Subscription\_VerifyViewButtons:** 73

19 Trade Type Redemption Test Scripts: 73

19.1 **CreatingMakerRedemption\_TS1:** 73

19.2 **RedemptionCheckerOperation\_TS2:** 73

19.3 **CheckerReviewedOrReturnedRedemptionMakerOperations\_TS3:** 73

19.4 **CheckerReviewedOrReturnedRedemptionCheckerOperation\_TS4:** 73

19.5 **Redemption\_VerifyViewButtons:** 73

20 Trade Type Transfer Test Scripts: 74

20.1 **Transfer\_MakerOperations\_TS1:** 74

20.2 **Transfer\_CheckerOperations\_TS2:** 74

20.3 **TransferCheckerReviewedOrReturned\_MakerOperations\_TS3:** 74

20.4 **TransferCheckerReviewedOrReturned\_CheckerOperations\_TS4:** 74

20.5 **Transfer\_VerifyViewButtons:** 74

21 Trade Type Exchange Test Scripts: 75

21.1 **CreatingMakerExchange\_TS1:** 75

21.2 **ExchangeCheckerOperation\_TS2:** 75

21.3 **CheckerReviewedOrReturnedExchangeMakerOperation\_TS3:** 75

21.4 **CheckerReviewedOrReturnedExchangeCheckerOperations\_TS4:** 75

21.5 **Exchange\_VerifyViewButtons:** 75

22 Trade Type Switch Test Scripts: 76

22.1 **Switch\_MakerOperations\_TS1:** 76

22.2 **Switch\_CheckerOperations\_TS2:** 76

22.3 **CheckerReviewedOrReturnedMakerOperation\_TC3:** 76

22.4 **CheckerReviewedOrReturnedCheckerOperations\_TC4:** 76

22.5 **Switch\_VerifyViewButtons:** 76

23 Feeder Subscription Test Scripts: 77

23.1 **FeederSubscriptionMaster\_MakerOperations\_TS1:** 77

23.2 **FeederSubscriptionMaster\_CheckerOperations\_TS2:** 77

23.3 **FeederSubscriptionCheckerReturnedMakerOperations\_TC3:** 77

23.4 **FeederSubscriptionCheckerReturnedCheckerOperation\_TC4:** 77

24 Feeder Redemption Test Scripts: 77

24.1 **FeederRedemptionMaster\_MakerOperations\_TS1:** 77

24.2 **FeederRedemptionMaster\_CheckerOperations\_TS2:** 78

24.3 **FeederRedemptionCheckerReturnedMakerOperation\_TC3:** 78

24.4 **CheckerReturnedFeederRedemptionCheckerOperation\_TC4:** 78

25 Side Pocket Subscription Test Scripts: 78

25.1 **Maker\_SidePocket\_Subscription\_TS1:** 78

25.2 **Checker\_SidePocket\_Subscription\_TS2:** 78

25.3 **Maker\_ModifyReturnedSP\_SUBOrders\_TS3:** 78

25.4 **Checker\_ModifyReturnedSP\_SUBOrders\_TS4:** 78

26 Side Pocket Redemption Test Scripts: 79

26.1 **Maker\_SidePocket\_Redemption\_TS1:** 79

26.2 **Checker\_SidePocket\_Redemption\_TS2:** 79

26.3 **CheckerReturned\_SPRedemptionMakerOperations\_TS3:** 79

26.4 **CheckerReturnedCheckerOPerations\_TS4:** 79

27 Side Pocket Redemption Test Scripts: 79

27.1 **AllocationProcessTestScript\_TC1:** 79

28 Trade Search Test Scripts: 80

28.1 **TradeSearch\_MakerOperations\_TC1:** 80

28.2 **Trade\_Modify\_Cancel\_Delete\_MakerOperations:** 80

28.3 **Trade\_Modify\_Cancel\_Delete\_CheckerOperations:** 81

29 Allocation Comparison Reports Generation Test Scripts: 81

29.1 **AllocationComparisonReports\_TS1:** 81

30 User Management (USER) Test Scripts: 81

30.1 **CreateUser\_TestScript\_TS1:** 81

30.2 **UserVerificationUser1\_TetsScript\_TC2:** 82

30.3 **UserVerificationUser2\_TestScript\_TC3:** 82

30.4 **UserVerificationUser3\_TestScript\_TC4:** 82

30.5 **UserModify\_TestScript\_TC5:** 82

30.6 **UserVerificationUser1\_TetsScript\_TC6:** 82

30.7 **UserModifiedRoleVerificationUser4\_TetsScript\_TC7:** 82

31 User Management (Role) Test Scripts: 82

31.1 **RoleCreationScript\_TC1:** 82

31.2 **RoleModifyorVerifyScript\_TC2:** 83

31.3 **RoleDeActivateScript\_TC3:** 83

31.4 **RoleActivateScript\_TC4:** 83

32 User Management (GROUP) Test Scripts: 83

32.1 **GroupCreationTestScript\_TC1:** 83

32.2 **Group\_ModifyOrVerifyTestScript\_TC2:** 83

32.3 **Group\_DeActivation\_TestScript\_TC3:** 83

32.4 **Group\_Activate\_TestScript\_TC4:** 83

33 Final Suites Configuration Test Scripts: 84

33.1 **FinalSuiteConfiguration:** 84

Packages:

***Src*** folder contains the following packages. Each package will consists of java files.

|  |  |
| --- | --- |
| **Package Name** | **Description** |
| Config | Commonly used Excel utility class is configured here which is used everywhere to read the data from test data sheets. |
| lib | Consists library files of different modules |
| locators | Consists of object locators for some reusable locators |
| clienttestscripts | This package holds scripts to simulate all the workflows of ***Client Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| fftestscripts | This package holds scripts to simulate all the workflows of ***Fund Family Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| legalentitytestscripts | This package holds scripts to simulate all the workflows of ***Legal Entity Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| classtestscripts | This package holds scripts to simulate all the workflows of ***Class Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| seriestestscripts | This package holds scripts to simulate all the workflows of ***Series Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| formulatestscripts | This package holds scripts to simulate all the workflows of ***Formula Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| parametertestscripts | This package holds scripts to simulate all the workflows of ***Parameter Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| managementfeetestscripts | This package holds scripts to simulate all the workflows of ***Management Fee Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| incentivefeetestscripts | This package holds scripts to simulate all the workflows of ***Incentive Fee Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| Investortestscripts (***Fee Distribution functions have got integrated with investor master***) | This package holds scripts to simulate all the workflows of ***Investor Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| holdertestscripts | This package holds scripts to simulate all the workflows of ***Holder Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| Jointholderscripts(***Excluded as a part of huge modifications in the release***) | This package holds scripts to simulate all the workflows of ***Joint*** ***Holder Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| investoraccountmastertestscripts | This package holds scripts to simulate all the workflows of ***Account Master*** like ***Add,Activate,Deactivate etc.*** |
| openingbalancetestscripts | This package holds scripts to simulate all the workflows of ***Opening Balance Master*** like ***Add,Modify,Activate,Deactivate etc.*** |
| subscriptiontestscripts | This package holds scripts to simulate all the workflows of ***Trade Type Subscription*** like ***Add,Modify, etc.*** |
| redemptiontestscripts | This package holds scripts to simulate all the workflows of ***Trade Type Redemption*** like ***Add,Modify, etc.*** |
| transferscripts | This package holds scripts to simulate all the workflows of ***Trade Type Transfer*** like ***Add,Modify, etc.*** |
| exchangetestscripts | This package holds scripts to simulate all the workflows of ***Trade Type Exchange*** like ***Add,Modify, etc.*** |
| switchtestscripts | This package holds scripts to simulate all the workflows of ***Trade Type Switch*** like ***Add,Modify, etc.*** |
| sidepocketsubscriptionscripts | This package holds scripts to simulate all the workflows of ***Trade Type Side Pocket Subscription*** like ***Add,Modify, etc.*** |
| sidepocketredemptionscripts | This package holds scripts to simulate all the workflows of ***Trade Type Side Pocket Redemption*** like ***Add,Modify, etc.*** |
| feedersubscriptiontestscripts | This package holds scripts to simulate all the workflows of ***Trade Type Feeder Subscription*** like ***Add,Modify, etc.*** |
| feederredemptiontestscripts | This package holds scripts to simulate all the workflows of ***Trade Type Feeder Redemption*** like ***Add,Modify, etc.*** |
| allocationscripts | This package holds scripts to simulate all the workflows of ***Allocation Processing Wizard.*** |
| allocationreports | This package holds scripts to generate comparison reports for different combinations. |
| tradesearchtestscripts | This package holds scripts to simulate all the workflows of ***All*** ***Trade Types Transactions*** like ***ModifyTrade,CancelTrade,DeleteTrade, etc.*** |
| roletestscripts | This package holds scripts to simulates the critical workflows of ***ROLE in User Management***  like ***Add,Modify,Verify,Activate,Deactivate etc.*** |
| grouptestscripts | This package holds scripts to simulates the critical workflows of ***GROUP in User Management***  like ***Add,Modify,Verify, Activate,Deactivate etc.*** |
| usertestscripts | This package holds scripts to simulates the critical workflows of ***USER in User Management***  like ***Add,Modify,Verify, Activate,Deactivate etc.*** |
| testsuites | This Package contains script to configure the batch executions of selective modules. |

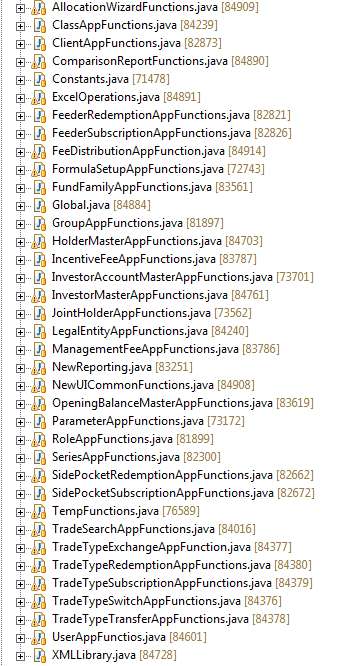
# Config



* 1. **ExcelUtils:**

This package contains one java file. Which has one method: readDataABasedOnCellName**.** In which the respective row in the given file and sheet will be returned as a map.

# Lib



* 1. **AllocationWizardFunctions**

This Java (Class) file contains the methods which can be used against the Allocation Wizard. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doTriggerAllocationProcess | This method is used to trigger the allocation process. |
| doNavigateToSpecialAllocationScreen | This method is used to Navigate to special allocation screens. |
| doVerifyAndFillTrialBalance | This method is used to Fill and verify trial balance details |
| doFillPortfolioDetails | This method is used to Fill portfolio details |
| doVerifyBreakPeriodDetailsTabAndDefineBreakPeriods | This method is used to Fill and verify Break period details. |
| doFillBreakPeriodDetailsForSlectedLegalEntities | This method is used to fill the break period details for selective Legal Entities. |
| doFillBreakPeriodDetailsForAll | This method is used to Fill the break period details for all the Legal entities. |
| verifyAndClickOnOKButtonForBreakPeriodDeletion | This method verifies and clicks on Ok button of the modal dialog on selection of break period. |
| doClickOnAllocationNavigationbuttons | This method is used to click on allocation wizard navigation buttons. |
| setAttributeValue | This method is used to set the attribute value using javascript executor for the element. |
| doVerifySpecialAllocationScreenDetails | This method is to verify the special allocation details. |
| doAddNewSpecialAllocations | This method is to add new special allocations. |
| doVerifyAndBringHeadersDropdownsIntoVisibility | This method is used to bring the headers dropdowns on special allocation screen into focus. |
| doSelectRecordsOfTheInvestorsAndProcessSpecialAllocationForManualMode | This method is to select records of investors and process special allocations for Manual mode. |
| doSelectRecordsOfTheInvestorsAndProcessSpecialAllocationForAutoMode | This method is to select records of investors and process special allocations for Auto mode. |
| doFilterInvestorGridWithInvestorNameAndCurrentBalance | This method fills the grid filters with respective column names to filter the record. |
| doSelectTheHeadersCombinationAndGetInvestorsValues | This method selects the P&L and other heads combination to identify the special allocation combination. |
| doExpandOrCollapseExistingAllocationDetailsView | This method is to expand or collapse the grid of existing allocation details. |
| doVerifyExistingAllocationDetails | This method is used to verify existing allocation details. |
| doPerformOperationsOnTheExistingAllocationRecord | This method is used to perform operations (View/Delete) on the existing allocation record. |
| doVerifyInvestorsDetailsOfExistingAllocationRecord | This method is used to verify each existing allocation record. |
| doFilterTheGridForExistingSpecialAllocationDetails | This method is used to filter the details of existing allocation record using grid. |
| doProcessAllocationForTBsUploadedLEs | This method is used to process the allocation for TB uploaded LE’s |
| verifyDownloadedEDSReportAndCompareWithOldFile | This method is used to compare the EDS report files and generate the comparison reports. |
| doPerformOperationsOnNAVFreezeScreenOld | This method is used to perform operations on the NAV freeze screen. |
| doMapPnLHeadsForHotissueAllocationsForRespectiveLEs | This method is used to map the P&L heads on the Hot Issue allocation page. |
| doAllocateHotIssuesForLEs | This method is used to allocate hot issue for selected LE’s. |
| doPerformOperationsOnNAVFreezeScreen | This method is used to perform operations on NAV Freeze screen. |
| doSelectTheTardesToUpdateTheNAV | This method is used to Update the NAV for selective Trades. |
| removeAllCheckedInNAVUpdateScreen | This method is used to uncheck all in the NAV Update screen. |
| doFillOrVerifySeriesRollupScreen | This method is used to verify or fill Series rollup screen. |
| getTheTransactionIDFromTradesXMlFiles | This method will get the transactions ID’s from XML files. |
| doFillFeeAdjustmentDetails | This method is used to fill the fee adjustment screen details. |
| EnterGridDetailsAndUpdateFee | This method will edit the grid details and updates Fee. |

* 1. **ClassAppFunctions**

This Java (Class) file will contains the methods which can be used against the Class Master. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillClassTransferTab | This method is used to fill the class transfer tab details. |
| doFillClassSwitchTab | This method is used to fill the class switch tab details. |
| doFillClassExchangeTab | This method is used to fill the class exchange tab details. |
| doFillClassRedemptionTab | This method is used to fill the class redemption tab details. |
| doFillClassDetails | This method is used to fill the class details. |
| doFillClassGeneralDetails | This method is used to fill the class General tab details. |
| doFillClassOtherDetails | This method is used to fill the class Other tab details. |
| doFillClassSubscriptionDetails | This method is used to fill the class subscription tab details. |
| addNewClass | This method is used to call add new class functions. |
| addMoreInvestorRestrictions | This method is used to fill the More Investor details. |
| removeTrades | This method is used to fill remove trades. |
| removeTradeDates | This method is used to fill remove trade dates. |
| removeTransactionCharges | This method is used to fill remove transaction charges. |
| removeRateMethodElements | This method is used to fill remove rate methods. |
| searchClassMaster | This method is used to search the class master record. |
| verifyAllTabsInClassDetailsEditScreen | This method is used to call all tabs verify functions of a class. |
| modifyReturnClassDetails | This method is used to modify the Checker returned records. |
| verifyReturnDataInClassEditScreen | This method is used to verify the all class tabs details in edit screen. |
| doVerifyClassDetailsOfClassDetailsTab | This method is used to verify the Class details tab in edit screen. |
| doVerifyClassDetailsOfGeneralDetailsTab | This method is used to verify the General details tab of class. |
| doVerifyClassDetailsOfOtherDetailsTab | This method is used to verify the Other details tab of class. |
| doVerifyClassDetailsOfSubscriptionTab | This method is used to verify the Subscription details tab of class. |
| doVerifyClassDetailsOfRedemptionTab | This method is used to verify the Redemption details tab of class. |
| doVerifyClassDetailsOfTransferTab | This method is used to verify the Transfer details tab of class. |
| doVerifyClassDetailsOfSwitchTab | This method is used to verify the Switch details tab of class. |
| doVerifyClassDetailsOfExchangeTab | This method is used to verify the Exchange details tab of class. |
| verifyTradingRestrictions | This method is used to verify the trading restrictions. |
| verifyDates | This method is used to verify the dates. |
| verifyInvestorRestrictionDetails | This method is used to verify the Investor restrictions details. |

* 1. **ClientAppFunctions**

This Java (Class) file will contains the methods which can be used against Client master. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| addNewClient | This method is use to create new client. |
| verifyClientDetailsInEditScreen | This method is used to verify the client details in edit screen. |
| modifyReturnClient | This method is used to modify the checker returned client details. |

* 1. **ComparisonReportFunctions**

ThisJava (class) file contains methods which can be used against comparison of different result files and to generate the comparison reports of each kind.

|  |  |
| --- | --- |
| **Method** | **Description** |
| compareEDSReportsBaasedonSeries | This method is used to compare EDS files and produce comparison reports based on its series. |
| compareTotalValuesInSeries | This method is used to compare the totals of respective series files. |
| compareValues | This method is used to compare the read value with respect to its standard value type. |
| round | This method is used to round the number of decimal points incase required. |
| compareEDSReports | This method is used to call the comparison methods to compare two EDS files. |
| comparePreSeriesWithEDS | This method is used to compare the pre-series report with its respective EDS report. |
| compareTotalPreSeriesValuesWithEDSValues | This method is used to compare the pre-series report totals with its respective EDS report totals. |
| comparePreSeriesNumericValues | This method is used to compare the numerical values. |
| comparePreSeriesStringValues | This method is used to compare the string values. |
| newEDSFundReport | This method is used to generate the fund EDS report. |

* 1. **Constants**

This Java (Class) file contains constant variables and file names and these are used across all the scripts.

* 1. **ExcelOperations**

This Java (Class) file contains the methods which can be used to read the data from the EDS comparison files and generate respective report file in excel format. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| writeDataToExcel | This method is used to write the data to Excel comparison report file. |
| readDataABasedOnCellNameforEDS | This method is used to read the data from the comparable EDS file. |
| readDataABasedOnCellNameforEDSColumnWise | This method is used to read the EDS comparable file based on column. |
| readMultipleDataFromEDSReport | This method is used to read the data from comparable files and return multiple rows/columns. |
| readDataABasedOnCellNameforEDSBasedOnRowIndex | This method is used to read the data from Excel comparable file based on matched cell name and row index. |

* 1. **FeederRedemptionAppFunctions**

This Java (Class) file contains the methods which can be used against Feeder Redemption Screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doVerifyFeederRedemptionDetails | This method is used to verify Feeder Redemption Details. |
| doCheckerOperationsForFeederRedemption | This method is used to perform checker operations on Feeder Redemption record |
| AddFeederRedemptionDetails | This method is used to place a new feeder redemption request. |
| getTheFundAccountNumber | This method is used to read the Generated fund account number which was stored in respective XML file. |

**2.8 FeederSubscriptionAppFunctions**

This Java (Class) file contains the methods which can be used against Feeder Subscription Screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| AddFeederSubscriptionDetails | This method is used to place a new feeder subscription order. |
| doVerifyFeederSubscriptionDetails | This method is used to verify feeder subscription order details. |
| doCheckerOperationsForFeederSubscription | This method is used perform checker operations for feeder subscription details. |

**2.9 FeeDistributionAppFunctions (This java (class) file contains methods which were written before and after integration of Fee Distribution into Investor master)**

This Java (Class) file contains the methods which can be used against Investor Master screen to test the fee distribution details. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doAddNewGPorIMDetails | This method is used to Add new GP/IM details. |
| removeAllDetails | This method is used to remove all the distributions available. |
| doFillDefermentDetailsOfDistributionWithRespectiveIndexes | This method is used to fill the deferment details with respect to its Distribution and GP/IM. |
| doFillDefermentPnLDatesOfRespectiveIndexes | This method is used to click on add more button of Participant P&L Dates index of respective Distribution, Deferment and GP/IM. |
| doClickAddMoreDefermentParticipientPnLForRespectiveDistributionOfGPorIMIndex | This method is used to click on add more button of Deferment Participant P&L of respective Distribution, Deferment and GP/IM index. |
| doClickAddMoreDefermentForRespectiveDistributionOfGPorIMIndex | This method is used to click on add more button of Deferment of respective Distribution, GP/IM index. |
| doSelectFundDetailsForRespectiveGPorIM | This method is used to fill the fund details of respective GP/IM index. |
| doRemoveOrAddMoreGPorIMDetails | This method is used to remove the GP/IM details. |
| doClickOnAddMoreFeeDistribution | This method is used to click on Add More Distribution index of respective GP/IM index. |
| doClickOnRemoveFeeDistribution | This method is used to click on Remove Distribution index of respective GP/IM index. |
| doFillRespectiveIndexGPorIMFeeDistributionDetails | This method is used to fill the Distribution index details of respective GP/IM index. |
| doVerifyGPorIMDetails | This method is used to verify the GP/IM details. |
| doVerifyDefermentDetailsOfDistributionWithRespectiveIndexes | This method is used to verify the deferment details of respective distribution and GP/IM index. |
| doVerifyDefermentPnLDatesOfRespectiveIndexes | This method is used to verify the deferment P&L details of respective deferment, distribution and GP/IM index. |
| doVerifySelectedFundDetailsForRespectiveGPorIM | This method is used to verify the fund details of respective GP/IM index. |
| doVerifyRespectiveIndexGPorIMFeeDistributionDetails | This method is used to verify the distribution details of respective GP/IM index. |

* 1. **FormulaSetupAppFunctions**

This Java (Class) file contains the methods to interact with the database.

|  |  |
| --- | --- |
| **Method** | **Description** |
| addNewFormulas | This method is used to create a new formula. |
| modifyReturnFormulaDetails | This method is used to modify the existing formula. |
| verifyReturnFormulaDetails | This method is used to verify the checker returned formula details. |
| verifycreatedFormulaDetailsInEditScreen | This method is used to verify the formula details in edit screen. |

* 1. **FundFamilyAppFunctions**

This Java (Class) file contains the methods to deal with Fund Family Master Screen.

|  |  |
| --- | --- |
| **Method** | **Description** |
| addNewFundfamily | This method is used to add new fund family. |
| verifyFundFamilyDetailsInEditScreen | This method is used to verify the fund family details in edit screen. |
| modifyReturnFundFamilyDetails | This method is used to modify the checker returned fund family details. |

* 1. **Global**

This Java (Class) file contains all the global variables which can be used across all the scripts.

* 1. **GroupAppFunctions**

This Java (Class) file contains the methods to deal with ***GROUP*** formation details under ***User Management*** screen.

|  |  |
| --- | --- |
| **Method** | **Description** |
| createAGroup | This method is used to create a new Group in User Management. |
| removeGroupDetails | This Method is used to remove the group. |
| enterGroupDetails | This method is used to fill/select the group formation details. |
| removeSelectedListBoxValues | This method will remove all the selected List Box values. |
| enterFundSetupDetails | This method is used to fill out the fund setup details. |
| verifyTheCreatedGroup | This method is used to verify the created Group. |
| verifyGroupDetails | This method is used to verify the Group details. |
| getIndividualMapFromExcel | This method is used to build the map details from excel for each assigning (Yes/No) legal entity structure and cascading details based on selection. |
| getMapFromApplication | This method is used to build the map details by reading data from Application for each assigning (Yes/No) legal entity structure details based on appearing selection criteria to compare with existing given details of Excel. |
| compareMaps | This method will compare the two maps read from excel as well as from application selection appearance criteria to validate the given selection is applied as intended. |

* 1. **HolderMasterAppFunctions**

This Java (Class) file contains the methods which can be used to perform operations against Holder Master Screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillGeneralDetails | This method is used to fill the General details tab. |
| removeAllTaxIDs | This method is used to remove the TAX ID’s. |
| fillTaxesDetailsForHolderType | This method is used to fill the taxes details for the holder type. |
| doFillCorrespondenceAddressDetails | This method is used to fill the Correspondence Address details. |
| doFillRegisteredAddressDetails | This method is used to fill the Registered Address details. |
| doFillHolderTabDetails | This method is used to fill the Holder details tab. |
| doFillFatcaDetails | This method is used to fill the FATCA details tab. |
| doVerifyKYCDetails | This method is used to verify the KYC details tab. |
| verifyTextInTextBoxOrDropDown | This method is used to verify the values of dropdowns and textboxes according to the given arguments. |
| doFillKYCDetails | This method is used to fill the KYC details tab. |
| createNewHolder | This method is used to trigger all functions to add a new holder. |
| modifyReturnHolderDetails | This method is used to modify the checker returned holder details. |
| verifyAllTabsOfHolderMaster | This method is used to trigger the verification functions of all tabs of holder. |
| doVerifyHolderDetails | This method is used to verify the Holder Details tab. |
| doVerifyGeneralDetailsScreen | This method is used to verify the General details tab. |
| verifyTaxesDetailsForHolderType | This method is used to verify the taxes details for holder type. |
| doVerifyCorrespondenceAddressDetails | This method is used to verify the Correspondence Address details tab. |
| doVerifyRegisteredAddressDetails | This method is used to verify the Registered Address details tab. |
| doVerifyFatcaDetails | This method is used to verify the FATCA details tab. |

* 1. **IncentiveFeeAppFunctions**

This Java (Class) file contains the methods which can be used to perform operations on Incentive fee master screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doVerifyIncentiveFeeOnEditScreen | This method is used to verify the Incentive fee details in Edit screen. |
| verifyVariableHurdleChargesCalculationDetails | This method is used to verify the Variable Hurdle Charges Details. |
| verifyFeeCalculationMethod | This method is used to verify the Fee calculation method. |
| createNewIncentiveFee | This method is used to trigger the functions to add new incentive fee record. |
| addVariableHurdleChargesCalculationDetails | This method is used to create new Variable Hurdle Charges calculation details. |
| addIncentiveFeeSlabChargingDetails | This method is used to add the Incentive fee slab charging details. |
| modifyReturnIncentiveFeeDetails | This method is used to modify the checker returned incentive fee details. |
| verifyTextInDropDownForOnChageDependentDDLs | This method is used to verify the dropdown or text box details for the dependent fields. |
| verifyTextInDropDownForIncentiveFeeDetails | This method is common function for incentive fee and used to verify the dropdown or text box details. |
| verifyNumericalValuesInTextBox | This method is used to verify the numerical values in the fields. |

* 1. **InvestorAccountMasterAppFunctions**

This Java (Class) file contains the methods to generate a new Account Number for the Investor. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| addNewAccount | This method is used to Add a New Account. |
| verifyInvestorAccountDetailsInEditScreen | This method is used to Verify the Investor Account Details in Edit screen. |

* 1. **InvestorMasterAppFunctions**

This Java (Class) file contains the methods which can be used to perform operations on Investor Master Screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillGeneralDetails | This method is used to fill the general details tab. |
| doFillCorrespondenceAddressDetails | This method is used to fill the Correspondence Address details tab. |
| doFillRegisteredAddressDetails | This method is used to fill the Registered Address details tab. |
| fillTaxesDetailsForInvestorType | This method is used to fill the Taxes details. |
| doFillInvestorDetails | This method is used to fill the Investor details tab. |
| addMoreGeneralPartnerDetails | This method was deprecated/not used as FEE DISTRIBUTION got integrated with Investor master the internal references made to the respective class will carry out the remaining functionality. |
| addMoreInvestmentManagerDetails | This method was deprecated/not used as FEE DISTRIBUTION got integrated with Investor master the internal references made to the respective class will carry out the remaining functionality. |
| doFillFatcaDetails | This method is used to fill the FATCA details tab. |
| removeAllTaxIDs | This method is used to remove the additional tax ID’s. |
| doVerifyGeneralDetailsScreen | This method is used to verify the General Details tab. |
| verifyTaxesDetailsForInvestorType | This method is used to verify the taxes details for the respective investor type. |
| verifyTextInTextBoxOrDropDown | This is a common function for Investor master app functions which will verify the text box or drop down values based on the passed arguments. |
| doVerifyCorrespondenceAddressDetails | This method is used to verify the Correspondence address details. |
| doVerifyRegisteredAddressDetails | This method is used to verify the Registered Address details. |
| doVerifyFatcaDetails | This method is used to verify the FATCA details. |
| doVerifyInvestorDetails | This method is used to verify Investor detail tab. |
| verifyAddMoreInvestmentManagerDetails | This method was deprecated/not used as FEE DISTRIBUTION got integrated with Investor master the internal references made to the respective class will carry out the remaining functionality. |
| verifyAddMoreGeneralPartnerDetails | This method was deprecated/not used as FEE DISTRIBUTION got integrated with Investor master the internal references made to the respective class will carry out the remaining functionality. |
| verifyTextInDropDownUsingCommonlyChagingDDLsIDs | This is a common function used in Investor master functions to verify the dependent dropdowns and textboxes values based on passed arguments. |
| verifyTextIntextBoxUsingCommonlyChagingIDs | This is a common function used in Investor master functions to verify the dependent dropdowns and textboxes values based on passed arguments. |
| createNewInvestor | This method will trigger the respective functions to add a new Investor Master record. |
| doFillKYCDetails | This method is used to add the KYC details. |
| doVerifyKYCDetails | This method is used to verify the KYC details. |
| modifyReturnInvestorDetails | This method is used to modify the checker returned Investor record. |
| verifyAllTabsOfInvestorMaster | This method will trigger the verification functions of all tabs of Investor master. |

* 1. **JointHolderAppFunctions**

This Java (Class) file ***is not updated further after a release which contains multiple tabs like investor and holder***.

* 1. **LegalEntityAppFunctions**

This Java (Class) file contains the methods which can be used to perform operations on Legal Entity Master Screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillLegalEntityDetails | This method is used to trigger the functions to fill the LE tabs details. |
| doFillGeneralDetails | This method is used to Fill the general details tab. |
| removeAllChecboxesForWeeklyOff | This method is used to remove the check boxes for Weekly off days. |
| checkTheWeeklyOffDays | This method is used to mark the given Weekly Off days. |
| doFillOtherDetails | This method is used to Fill the Other details tab. |
| doFillSubscriptionDetails | This method is used to fill the subscription details. |
| doFillRedemptionTabDetails | This method is used to fill the Redemption details tab |
| doFillExchageTab | This method is used to fill the Exchange details tab |
| doFillSwitchTab | This method is used to fill the Switch details tab. |
| doFillTransferTab | This method is used to fill the Transfer details tab. |
| AddNewLegalEntity | This method is used to trigger the sub functions to fill all the LE details. |
| addLockupRateMethodDetails | This method is used to add the Lockup Rate Method details. |
| addPartialRateMethodDetails | This method is used to add partial Rate method details. |
| removeTransactionCharges | This method is used to remove the transaction charges. |
| verifyAllTabsInLegalEntityDetailsEditScreen | This method will trigger the verification functions of all tabs in edit screen. |
| doVerifyDetailsOfLegalEntityOtherDetailsTab | This method is used to verify Other Details tab of LE. |
| doVerifyDetailsOfLegalEntityRedemptionTab | This method is used to verify Redemption Details tab of LE. |
| doVerifyDetailsOfLegalEntityTransferTab | This method is used to verify Transfer Details tab of LE. |
| doVerifyDetailsOfLegalEntitySwitchTab | This method is used to verify Switch Details tab of LE. |
| doVerifyDetailsOfLegalEntityExchangeTab | This method is used to verify Exchange Details tab of LE. |
| doVerifyDetailsOfLegalEntityDetailsTab | This method is used to verify LE Details tab of LE. |
| doVerifyDetailsOfLegalEntityGeneralDetailsTab | This method is used to verify General Details tab of LE. |
| doVerifyDetailsOfSubscriptionTab | This method is used to verify Subscription Details tab of LE. |
| modifyReturnLegalEntityDetails | This method is used to modify checker returned LE details. |
| verifyReturnLegalEntityDetails | This method is used to verify the Checker returned LE details. |
| verifyTradingRestriction | This method is used to verify the trading restrictions. |
| verifyDates | This method is used to verify the dates. |
| removeHolidayCalendar | This method is used to remove the assigned holiday calendar. |
| removeTrades | This method is used to remove the trades. |
| removeTradeDates | This method is used to remove the trade dates. |
| removeMasterFund | This method is used to remove the selected master fund. |

* 1. **ManagementFeeAppFunctions**

This Java (Class) file contains the methods which can be used to perform operations on Management Fee Screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| createNewManagementFee | This method is used to trigger the functions to add new Management Fee record. |
| doVerifyManagementFeeOnEditScreen | This method is used to verify the Management fee record details. |
| verifyFeeCalculationMethod | This method is used to verify fee calculation method. |
| performOperationsOnTableWithTransactionID | This method is used to perform operations on the added record of Management fee using the transaction ID. |
| modifyReturnManagementFeeDetails | This method is used to modify the checker returned Management fee record. |
| verifyReturnedManagementFeeDetails | This method is used to verify the checker returned management fee details. |

* 1. **NewReporting**

This Java (Class) file contains the base framework methods which are modified according to the requirement to generate the reporting logs for comparison reports.

* 1. **NewUICommonFunctions**

This Java (Class) file contains the common and reusable methods which can be used throughout all the scripts. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| loginToApplication | This method is used to Log in to the application with parsed UN & PWD and URL |
| openChromeBrowser | This method is used to trigger the chrome browser driver to be instantiated. |
| logoutFromApplication | This method is used to log out from the application. |
| selectMenu | This method is used to select the Menu options from the application. |
| doOperationsOnMasterPage | This method is used to perform operations on the master page like Add New, Search and Clear. |
| spinnerClick | This method is a workaround to deal with the loading icon. |
| selectFromDropDownOfApplication | This method is a common function used in specific contexts based on the ability to identify the web element. |
| selectFromDropDownOfApplication | This method is a common function used in specific contexts based on the ability to identify the web element. |
| checkerActionTypes | This is method is used to perform the Checker operations based on the passed argument value. |
| dashboardMainDropdownToSelect | This method will perform the selection of Dashboard menus like Masters / Transactions / etc.., |
| dashboardSubDropdownToSelect | This method will perform the selection of Dashboard sub-menus of Masters / Transactions / etc.., |
| doCheckerActionType | This is method is used to perform the Checker operations based on the passed argument value. |
| doSelectDashboardMainCategoryToBringUpRespectiveSubMenu | This method will call the Main menu and its sub menu selection functions accordingly based on given arguments. |
| searchValueinMastersAndTransactionTableWithFilters | This method is used to search the Grid of its respective masters / transactions using the filters. |
| selectdashBoardMasterOrTradeSubMenu | This method is used to select the Masters / Trades Sub menu. |
| searchValueinMastersAndTransactionTableWithTransactionID | This method is used to search the record with transaction ID based on respective dropdown selection on dashboard. |
| refreshThePage | This method is used to refresh the page. |
| performOperationsOnTable | This method is used to perform respective operations on the identified record in the grid. |
| performOperationsOnTableWithTransactionID | This method is used to perform respective operations on the identified record using Txn ID in the grid. |
| performOperationsOnTableWithTransactionIDAndMasterType | This method is used to perform respective operations on the identified record using Txn ID and Master type in the grid. |
| searchInSearchPanel | This method is used to search a record in the search panel of respective master screen. |
| verifyRecordIsDisplayedInTheGridTable | This method is used to verify the record is displayed or not in the grid. |
| modifyMasterDetails | This is a common function which will trigger respective master modify operation functions based on the given master name. |
| verifyMasterDetails | This method is a common function which will trigger the verification functions of respective master based on the given argument. |
| deactivateMaster | This method is used to perform the deactivate operations on the identified record. |
| activateMaster | This method is used to perform the Activate operations on the identified record. |
| getTheColumnHeaderCount | This method is used to read the number of headers in the Grid table. |
| enterTextAndVerifyinFilterBoxOfGridTable | This method is used to enter the text in grid table and verify the respective search item is displayed in the following row. |
| WaitUntilValueAvailableInDropDown | This method will apply the search operation repeatedly for a defined number of times till the respective record comes into the active state in the grid. |
| verifyTextInDropDown | This method is used to verify the text of a dropdown field. |
| verifyTextInTextBox | This method is used to verify the text in a text field. |
| verifySelectedRadioButton | This method is used to verify the selected radio button. |
| verifyChecked | This method is used to verify a radio button is checked or not. |
| selectNumberOfRecordsPerPageInSearchGrid | This method is used to select the number of records per page in order to verify the given record is present in the grid or not. |
| cloneExisitngMapDetailsWithNewMap | This method is used to clone the given map and add the key value pairs which were new. |
| doSubOperationsUnderAddNewMasterType | This method is used to perform operations on a master page such as Save, Cancel etc. |
| sortTableByColumnName | This method is used to sort the grid table with given column name. |
| scrollbarKeyDown | This method is used perform operations on scrollbar down. |
| getIDFromSuccessMessage | This method is used to read the Transaction ID from the success message. |
| getOrderIDFromSuccessMessage | This method is used in trades to read the Txn ID from success message. |
| selectTheTab | This method is used to select the tabs based on the passed argument. |
| jsClick | This method is used to perform Javascript executor operations to deal with element click operations. |
| isTheNumbersMatchingInFloatingPoint | This method is used to verify the numbers are matching in float point. |
| addNewFormulasForManagementOrIncentiveFee | This method is used to add a new formula for management or incentive fee. |
| addManagementOrIncentiveFeeChargesForSlabAndTier | This method is used to add Slab Or tiered Management Or Incentive Fee. |
| selectFromDropDownOfApplication | This method is a common function used to select the dropdown values based on the passed label name. |
| selectMultipleValuesFromDropDown | This method is used to select the values from multi selective dropdown. |
| selectDropDownOfApplication | This method is a common function used to select the dropdown values based on the passed label name and specific to context. |
| addTransactionChargesSlaborTieredAmountDetails | This method is used to add the Transaction charges Amounts in terms of Slab/Tiered/etc. |
| NavigateToTab | This method is used to navigate to the given tab argument. |
| addLockupRateMethodDetails | This method is used to add Lockup Rate method details. |
| addPartialRateMethodDetails | This method is used to add Partial Rate method details. |
| addTradingRestrictions | This method is used to add Lockup Rate method details. |
| addMoreDates | This method is used to increase the number of date fields. |
| WaitUntilValueAvailableInDropDown | This method is used to verify the values in the dropdown and loops it to certain number of iterations till the value comes into picture. |
| masterOperationTypes | This method is used to perform operations on respective master home screen. |
| isSerachTableDisplayed | This method is used to verify whether the search table is displayed or not. |
| createNewRule | This method is used to call the new rule creation function. |
| selectValueFromAttributes | This method is used to select the values from dropdown and click on respective button in the formula. |
| performJavascriptExecutorToScrollOnToElement | This method is used to execute the JavaScript executor to role the window on to the specified element. |
| selectPortalinUserManagement | This method is used to expand the respective portal name based on the given argument: USER/GROUP/ROLE. |
| doOperationOnUserManagementSubMasters | This method is used to perform operations under each portal (user/group/role). |
| activatePortal | This method is used to activate the portal. |
| deactivatePortal | This method is used to deactivate the portal. |
| SelectEditForCreatedUserManagementPortal | This method is used to select and edit the created portal. |
| modifyUserManagementPortal | This method is used to modify the portal. |
| verifyCreatedUserManagementPortal | This method is used to verify the created user management portal. |
| addNewUserManagementPortal | This method is used to add anew portal. |
| jsGetElementAttribute(String byValue, String name) | This method I used to read the element attribute based on given argument types. |
| jsGetElementAttribute(String id) | This method I used to read the element attribute based on given argument types. |
| scrollToView | This method is used to scroll the page view on to the given web element argument. |
| selectMultipleValuesInSelectBox | This method is used to select the multiple values in combo box. |
| typeCharactersIntoTextBox | This method is used to type the values into textboxes as character by character. |
| doSubOperationsUnderAddNewMasterTypeAndNotCheckMessage | This message is for specifically to Integrated linkup masters like Investor and Holder, where the navigation may go for the Holder in case of Investor type is entity and not a same holder. |
| verifyValuesInSearchTableInAllMenus | This method is used to verify the search table in all the menus. |
| verifyActionsButton | This method is used to verify the Action buttons privileges to the user/role/group combination. |
| waitUntilSpinnerGoInvisible | This method is a common function than can be used across the scripts to wait for the spinner for loading goes invisible. |
| doSubOperationsOnTransactionTrades | This method is used to do operations on trades like Save/Review/Cancel/Clear etc. |
| jsGetElementValueWithXpath | This method is used to run the JavaScript executor to read the element attribute value using XPath. |
| VerifyLabelHiddenText | This method is used to verify the value hidden on UI. |
| verifyTheRecordInSearchPanelWithStatusAndTxnIDAlongWithOperation | This method is used to search and verify the record in the grid using transaction id, status and perform respective operation on that record. |
| performOperationOnIdentifiedGridRecord | This method is used to perform the operation on the searched grid record. |
| verifyTextIntextBoxOrDropDownAndVerifyDecimalsToDisplay | This method is a common function that will retrieve the value and verifies with the comparable value based on the given arguments it will validate the decimals to be displayed. |
| verifyDecimalsToDisplay | This method is used to verify the number of decimals validation met for the given value or not. |
| threadSleep | This method can be used anywhere that needs to halt the execution for a given time. |
| handleAlert | This method is used to deal with the JavaScript alert and suspends based on context. |
| DeleteFileIfExists | This method is used to delete the respective file incase if it exists. |
| navigateToSidePocket | This method is sued to navigate to the side pocket Sub/Red. |

* 1. **OpeningBalanceMasterAppFunctions**

This Java (Class) file contains the methods which can be used against Opening Balance screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doAddOpeningBalanceDetails | This method is used to trigger the functions to add new Opening Balance record. |
| doFillCommonOpeningBalanceDetails | This method is used to fill the common Opening Balance details of Investor/Fund. |
| modifyReturnedOpeningBalanceDetails | This method is used to modify the checker returned Opening Balance record. |
| doVerifyOpeningBalanceDetails | This method is used to trigger the Opening balance verification functions. |
| doVerifyCommonOpeningBalanceDetails | This method is used to verify the Opening Balance details that are common for Investor/Fund. |
| verifyTextIntextBoxOrDropDown | This method is used to verify a field holding value w.r.t given arguments. |
| doFillDynamicFieldsValues | This method is written to Fill the dynamically adding field’s values, ***but not yet used*** in the functions as the functionality is not yet known according to the new release. |
| doVerifyDynamicFieldsValues | This method is written to verify the dynamically adding field’s values, ***but not yet used*** in the functions as the functionality is not yet known according to the new release. |

* 1. **ParameterAppFunctions**

This Java (Class) file contains the methods which can be used against Parameter screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| addNewParameter | This method is used to trigger the functions to add new Parameter record. |
| verifyFormulaInExistingRules | This method is used to verify the formula in existing rules. |
| modifyReturnParametersDetails | This method is used to modify the checker returned Parameter record. |
| verifyReturnParameterDetailsInEditScreen | This method is used to trigger the verification functions of Parameter to validate the details of checker returned record. |
| verifyParameterDetailsInEditScreen | This method is used to verify the Parameter details in edit screen. |

* 1. **RoleAppFunctions**

This Java (Class) file contains the methods which can be used against Role screen in User Management Module. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| createaNewRole | This method is used to trigger the functions to add new Role. |
| selectRoleActivityForParents | This method is used to select Role activities for respective screens. |
| getRowCountNumberBasedonParentName | This method is used to get count based on respective screens. |
| removeAllCheckedActivities | This method is used to remove all the checked activities. |
| verifyTheCreatedRole | This method is used to verify the created role. |
| getActivitiesInStringFormatIfChecked | This method will record all the Activities marked for the given mater screen. |
| getAllCheckedBoxesFromRoleModifyScreen | This method will record all the Activities marked for Role for the given mater screen. |
| moveToElementUsingActions | This method is used to scroll to the element using scroll Actions. |
| removeUnwantedCommas | This method will discard the rear and front commas (,) appended for the concatenated string. |

* 1. **SeriesAppFunctions**

This Java (Class) file contains the methods which can be used against Series screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| addNewSeries | This method is used to add new Series record. |
| modifyReturnSeriesDetails | This method is used to checker returned Series details. |
| verifySeriesDetailsInEditScreen | This method is used to verify the Series details in edit screen. |

* 1. **SidePocketRedemptionAppFunctions**

This Java (Class) file contains the methods which can be used against side pocket redemption screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillSidePocaketRedemprionDetails | This method is used to fill side pocket redemption details. |
| doFillTaxSlotsForSidePocketRedemption | This method is used to fill the tax slots for side pocket redemption. |
| doEnterAmountOrPercentageAndVerfiyOthers | This method is used to enter the Amount/Percentage and verify the other field’s values. |
| UncheckTheCheckBoxForTaxSlotsIfAnyChecked | This method is used to uncheck the tax lots before checking the required. |
| doFillRequestDetailsForSidePocketRedemption | This method is used to fill the request details for side pocket subscription. |
| doFillFundDetailsForSidePocketRedemption | This method is used to fill the fund details for the side pocket subscription. |
| doVerifySidePocketRedemptionAtChecker | This method is used to verify the redemption details at checker screen. |
| doVerifyTaxSlotsAtChecker | This method is sued to verify the tax slots at checker screen. |
| doVerifyRequestDetailsAtChecker | This method is used to verify the request details at checker. |
| doVerifyFundDetailsAtChecker | This method is used to verify the fund details at checker. |
| getTheTransactionIdsFromXmlFiles | This method is sued to get the Txn Id’s from the respective XML files. |
| getTheTransactionIdFromSPSubscriptionXMLFile | This method is sued to get the Txn ID’s from the side pocket subscription XML file. |
| getTheAccountIdListFromXMLFiles | This method is used to get the Account details from the respective XML files. |
| performCheckerOperationsOnSidePocketTrade | This method is used to perform the checker operations on side pocket trade. |

* 1. **SidePocketSubscriptionAppFunctions**

This Java (Class) file contains the methods which can be used against side pocket subscription screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doPlaceSidePocketSubscriptionOrder | This method is used to trigger the functions to place a side pocket subscription order. |
| doFillSidePocketSubscriptionDetails | This method is used to fill the side pocket subscription details. |
| doOperationsOnSidePocketMasters | This method is used to operations on side pocket master maker screen. |
| doAddAndVerifySidePocketSUBValues | This method is used to add and verify respective side pocket subscription values. |
| doVerifyAutoDistributedSidePocketsValues | This method is used to verify auto distributed side pocket values. |
| doManuallyDistributeAndVerifySidePocketsValues | This method is used to manually distribute and verify side pocket values. |
| doUnselectUnwantedTaxlotsExceptGivenTxnIdsAndUpdateAllocations | This method is used to unselect the tax lots except the given and updates the allocations. |
| doCheckerPerformOperationsOnSidePocketSubscriptionOrder | This method is sued to perform checker operations on side pocket subscription order. |
| doCheckerVerifyFundAndReqDetails | This method is used to verify fund and request details at checker. |
| doCheckerVerifyTaxlotsDetails | This method is used to verify the tax lots details at checker. |

* 1. **TradeSearchAppFunctions**

This Java (Class) file contains the methods which can be used against Trade search screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doTriggerIntegratedTradeSearchOperations | This method is used to trigger the functions to perform the operations on respective trades. |
| searchTrades | This method is used to search the trades. |
| getTranasactionIDFromRespectiveXMLFiles | This method is used to read Txn ID’s from respective XML files. |
| getMasterType | This method is used to get the master type. |
| doModifyTheTradeTypeEntry | This method is used to modify the trade type entry. |
| performOperationsOnSerachedTrade | This method is used to perform operations on identified trade record. |
| performOperationsOnTableWithTransactionIDandMasterType | This method is used to perform operations on identified grid record using master type and txn Id. |
| performOperationsOnTableWithTransactionIDandMasterTypeForFeeder | This method is used to perform operations on identified grid record using master type and txn Id for feeder records. |
| searchValueInGridWithTransactionID | This method is used to search the records in grid with txn Id. |
| searchValueInGridWithTransactionIDForFeeder | This method is used to search for the record in the grid with txn id for feeder. |
| performCheckerOperationsOnSerachedTrade | This method is used to perform checker operations on the searched trade. |
| RedemptionModifyAtChecker | This method is used to verify the modified Redemption record at checker. |
| SubscriptionModifyAtChecker | This method is used to verify the modified Subscription record at checker. |
| TransferModifyAtChecker | This method is used to verify the modified Transfer record at checker. |
| ExchangeModifyAtChecker | This method is used to verify the modified Exchange record at checker. |
| SwitchModifyAtChecker | This method is used to verify the modified Switch record at checker. |
| feederSubscriptionModifyAtChecker | This method is used to verify the modified Feeder Subscription record at checker. |
| feederRedemptionModifyAtChecker | This method is used to verify the modified Feeder Redemption record at checker. |
| getNewInvestor | This method is used to get the New Investor Name. |
| getNewHolder | This method is used to get the New Holder Name. |

* 1. **TradeTypeExchangeAppFunction**

This Java (Class) file contains the methods which can be used against Trade type Exchange screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillExchangeTradeDetails | This method is used to trigger the fill functions of Exchange. |
| doVerifyExchangeTradeAtChecker | This method is used to verify the Exchange trade details at checker. |
| doCheckerOperationsForExchangeTrade | This method is used to perform checker operations on the trade. |
| doverifyAvailableBalanceDetailsAtChecker | This method is used to verify the available balance details at checker. |
| doVerifyAllocatedAmountandShareAtChecker | This method is used to verify allocated amount and shares at checker. |
| doVerifyFullExchangeValuesInAvaialableBalanceAtChecker | This method is used to verify the full exchange values at checker. |
| doVerifyAllocatedAmountAndShare | This method is used to verify the allocated amount and shares. |
| doVerifyAllocatedAmountInChecker | This method is used to verify allocated amount at checker. |
| doVerifyExchangeDetailsAtChecker | This method is used to verify exchange details at checker. |
| doVerifyToFundDetailsAtChecker | This method is used to verify to fund details at checker. |
| doVerifyFromFundDetialsAtChecker | This method is used to verify from fund details at checker. |
| doVerifyInvestorDetailsAtChecker | This method is used to verify Investor details at checker. |
| doVerifyCheckerRequestDetails | This method is used to verify request details at checker. |
| doFillRequestDetails | This method is used to fill request details. |
| doMakerVerifyRequestDetailsTab | This method is used to verify request details at maker. |
| doMakerVerifyInvestorDetails | This method is used to verify Investor details at maker. |
| doFillInvestorDetails | This method is used to fill investor details at maker. |
| doFillExchangeDetails | This method is used to fill exchange details. |
| doMakerVerifyExchangeDetails | This method is used to verify exchange details. |
| doFillFromFundDetails | This method is used to fill from fund details. |
| doVerifyAndFillToFundDetails | This method is used to verify and fill to fund details. |
| doMakerVerifyFromFundDetails | This method is used to verify from fund details at maker |
| doMakerVerifyToFundDetails | This method is used to verify to fund details at maker |
| doMakerVerifyExchangeDetailsAtSecondScreen | This method is used to verify exchange details at second screen |
| doFillAvailableBalanceAtMaker | This method is used to fill the available balance details at maker. |
| doVerifyFullExchangeValuesInAvaialableBalance | This method is used to verify full exchange details in available balance. |
| doEnterAmountOrShareInAvailableBalance | This method is used to enter the Amount or share in the available balance records. |
| doVerifyAvailableBalanceDetailsAtMakerAndChecker | This method is used to verify the available balance details at maker and checker. |
| doOverrideOrVerifyChargeDetails | This method is used to override and verify the charge details. |
| doVerifyChargesDetail | This method is used to verify the charge details. |
| doMakerVerifyAmountDetailsTab | This method is used to verify the amount details tab at maker. |
| doSelectOtherDetailsRadioButtons | This method is used to select other details radio buttons. |
| doVerifyMakerExceptions | This method is used to verify the exceptions at maker. |
| doSubOperationsOnTransactionTrades | This method is used to perform operations on maker add screen. |
| doVerifyChargeDetailsinChecker | This method is used to verify the charge details at checker. |
| doCheckerVerifyAmountDetailsTab | This method is used to verify the amount details at checker. |
| doCheckerVerifyOtherDetails | This method is used to verify the other details at checker. |
| doCheckerVerifyExceptionsAtCheckerForTradeTypeExchange | This method is used to verify the exceptions at checker screen. |
| changeOverrideStatus | This method is used to change the override status. |
| doVerifyOrChangeOverridedChargesTypeForTradeTypeExchange | This method is used to verify or change the overridden charges type. |
| verifyViewButtonsFunctionality | This method is used to verify the view buttons functionality. |
| verifyViewButtonForNoticePeriods | This method is sued to verify the notice period for view buttons. |
| verifyViewButtonForTransactionCharge | This method is sued to verify the transaction charges for view buttons. |
| dochangeOrderOfTableData | This method is used to change the order of view data. |
| doFillExchangeCheckerReviewedTradeDetails | This method is used to change the details of checker reviewed record. |
| doVerifyCheckerReviewedExchangeTradeAtChecker | This method is used to verify the details of record given for review. |

* 1. **TradeTypeRedemptionAppFunctions**

This Java (Class) file contains the methods which can be used against Trade type Redemption screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillRedemptionTrade | This method is used to trigger the redemption add functions. |
| doFillCheckerReviewdTransactios | This method is used to fill the checker reviewed transactions. |
| doSubOperationsOnTransactionTradesforCheckerReviewd | This method is used to perform Operations on checker reviewed edit maker screen. |
| doVerifyRedemptionInCheckerScreen | This method is sued to verify the details in checker screen. |
| doCheckerActionTypesOnTradeRedemption | This method is used to perform checker actions on record. |
| performCheckerOperationOnTrade | This method is used to perform checker operations on the trade. |
| doClickOnExpandOrCollapseButtonsOnRedemprionSecondTab | This method is used to perform expand or collapse operations on second screen of maker. |
| doMakerVerifyRequestDetailsTab | This method is used to verify the request details tab. |
| doMakerVerifyInvestorDetailsTab | This method is used to verify the investor details tab. |
| doMakerVerifyFundDetailsTab | This method is used to verify the fund details tab. |
| doMakerVerifyRedemptionDetailsTab | This method is used to verify the redemption details tab. |
| doMakerVerifyAvailableBalanceDetailsTab | This method is used to verify the available balance details tab. |
| doMakerVerifyAmountDetailsTab | This method is used to verify Amount details tab. |
| doCheckerVerifyRequestDetails | This method is to verify the request details at checker. |
| doCheckerVerifyInvestorDetailsTab | This method is used to verify investor details tab at checker. |
| doCheckerVerifyFundDetailsTab | This method is used to verify the fund details tab. |
| doCheckerVerifyRedemptionDetailsTab | This method is used to verify the redemption details tab. |
| doCheckerVerifyAmountDetailsTab | This method is used to verify amount details tab. |
| doCheckerVerifyExceptionsAtCheckerForTradeTypeRedemption | This method is used to verify the exceptions at checker screen. |
| doCheckerVerifyOrChangeOverridedChargesTypeForTradeTypeSubscription | This method is used change or verify overridden charges type at checker. |
| doFillRequestDetails | This method is used to fill the request details. |
| doFillInvestorDetails | This method is used to fill the investor details. |
| doFillFundDetails | This method is used to fill the fund details. |
| doFIllRedemptionDetails | This method is used to fill the redemptions details. |
| doOverrideOrVerifyChargeDetails | This method is used to override or verify charge details. |
| doVerifyChargesDetail | This method is used verify the charges details. |
| verifyViewButtons | This method is used to verify the view buttons data. |
| verifyViewButtonForPenalty | This method is sued to verify the view buttons for penalty. |
| verifyViewButtonForTransactionCharge | This method is sued to verify the view buttons for transaction charges. |
| verifyViewButtonForNoticePeriods | This method is used to verify the view buttons for notice periods. |
| doVerifyMakerExceptions | This method is used to verify the maker exceptions. |
| doVerifyChargeDetailsinChecker | This method is used to verify the charge details in checker. |
| doSubOperationsOnTransactionTrades | This method is used to perform operations on trade |
| doFillAvailableBalanceDetails | This method is used to fill the available balance details. |
| doCheckerVerifyAvailableBalanceDetails | This method is used to verify the Available balance details at checker. |
| changeOverrideStatus | This method is used to change the overridden status. |
| ClearAndSetText | This method is used to do perform operations on input fields using action classes. |
| doMakerAndCheckerVerifyPendingTradesDetails | This method is sued to verify the pending trade’s details at maker. |
| doVerifyAvailableBalanceDetailsAtMakerAndChecker | This method is sued to verify the available balance details at maker and checker screens. |
| dochangeOrderOfTableData | This method is sued to change the given order as per the reordered records of available balance. |
| chekerVerifyAvailableBalancAllocatedeAMountOrShare | This method is sued to verify the allocated amount/shares at checker screen. |
| doVerifyAllocatedDetailsInTaxlots | This method is used to verify the allocated details of tax lots. |
| doFillAvailableBalanceAtMaker | This method is used to fill the available balance details. |
| doVerifyFullRedemptionValuesInAvaialableBalance | This method is used to verify the available balance details for full redemption request. |
| doEnterAmountOrShareInAvailableBalance | This method is used to fill the amount/shares for the given tax lot. |
| removeUnwantedCommas | This method is used to remove unwanted commas in concatenated string. |

* 1. **TradeTypeSubscriptionAppFunctions**

This Java (Class) file contains the methods which can be used against Trade type Subscription screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillSubscriptionDetails | This method is used to fill the subscription details. |
| getBankDetailsUsingIndex | This method is used to retrieve the bank details using indexes. |
| doVerifyOrOverrideFeeDetails | This method is used to verify or override fee details. |
| verifyFeeDetails | This method is used to verify the fee details. |
| doFillBankDetails | This method is used to fill the bank details. |
| removeMoneyReceivedRemoveButtons | This method is used to remove the additional records respective remove buttons of money received. |
| removeInkindDetailsRemoveButtons | This method is used to remove the additional records respective remove buttons of Kind details. |
| addMoneyReceivedDetails | This method is used to add the money received details. |
| doOverrideOrVerifyChargeDetails | This method is sued to verify or override charge details. |
| doFillInvestmentDetails | This method is used to fill the investment details. |
| doFillFundDetails | This method is used to fill the fund details. |
| doFillInvestorDetails | This method is used to fill the investor details. |
| doFillRequestDetails | This method is used to fill the request details. |
| addInKindDetails | This method is used to add in kind details. |
| addInKindDetailsForCheckerReviewedSubscription | This method is used to add the in-kind details for checker reviewed record. |
| createNewInvestorFromTradeTypeSubscription | This method is used to trigger the new investor creation function through subscription. |
| createNewHolderFromTradeTypeSubscription | This method is used to trigger the new holder creation function through subscription. |
| createNewSeriesFromTradeTypeSubscription | This method is used to trigger the new series creation function through subscription. |
| doVerifyExceptionsAtCheckerForTradeTypeSubscription | This method is used to verify the exceptions at maker. |
| doVerifyOrChangeOverridedChargesTypeForTradeTypeSubscription | This method is used to verify or change the overridden charges type. |
| doVerifyFeeDetailsAtMakerAndChecker | This method is used to verify the fee details at maker and checker. |
| doVerifyChargesDetail | This method is used to verify the charges details. |
| doVerifyAmountDetails | This method is used to verify the Amount details. |
| doVeifyBankDetailsinChecker | This method is used to verify the Bank details at checker. |
| verifyIsInkindDetailsInChecker | This method is used to verify the in-kind details at checker. |
| verifyMoneyReceivedDetails | This method is used to verify the money received details. |
| getYesOrNoValueFromCheckBox | This method is used to read the check box value. |
| formateAndCompareDates | This method is used to convert the date into custom format and validate. |
| verifyInvestmentDetailsAtMaker | This method is used to verify the investment details at maker. |
| doVerifySubscriptionDetailsInChecker | This method is used to verify the subscription details at checker. |
| doVeifyFeeDetailsinChecker | This method is used to verify fee details at checker. |
| doVeifyRequestDetailsinChecker | This method is used to verify the request details at checker. |
| doVeifyAmountDetailsinChecker | This method is used to verify the amount details at checker. |
| doVeifyChargeDetailsinChecker | This method is used to verify the charges details at checker. |
| doVeifyInvestmentDetailsinChecker | This method is sued to verify the investment details at checker. |
| doVeifyFundDetailsinChecker | This method is used to verify the fund details at checker. |
| verifyInvestorDetailsInChecker | This method is used to verify the investor details at checker. |
| performOperationsOnTableWithTransactionID | This method is used to perform operations on grid using transaction id. |
| doCheckerActionTypesOnTrade | This method is used to perform checker operations on the identified trade. |
| doOpeartionsonMasterCreatedFromTradeCheckerReviewedScreen | This method is used to perform checker operations on Maker sent review record by checker. |
| doOpeartionsonMasterCreatedFromTrade | This method is sued to perform operations on masters created through trades. |
| doCheckerActionTypesOnMasters | This method is used to perform operations on the masters. |
| doFillBankMaster | This method is used to fill the bank master details. |
| selectOptionByVisibleText | This method is used to select the option by visible text. |
| getBankNameForCheckerVerify | This method is used to read the bank name to be verified by checker. |
| formatDate | This method is used to reframe the date in the given format. |
| verifyOrderAcknowledgementDownload | This method is used to verify the order acknowledgement is being downloaded or not. |
| doCheckerActionTypesForTranSaction | This method is used to perform checker actions on the trade. |
| verifyExceptionsatMaker | This method is used to verify the exceptions at maker. |
| doSubOperationsOnTransactionTrades | This method is used to perform operations on trade add screen. |
| changeOverrideStatus | This method is used to change the overridden status. |
| VerifyLabelHiddenText | This method is used to verify the values of hidden labels. |
| goToCurrentUrl | This method is used to go to current URL to avoid the unhandled popups. |

* 1. **TradeTypeSwitchAppFunctions**

This Java (Class) file contains the methods which can be used against Trade type Switch screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doTriggerMakerFillAndVerificationFunctions | This method is used to trigger the maker fill and verify functions. |
| doFillCheckerReviewedOrReturnedMakerFunctions | This method is used to fill the checker reviewed or returned record details. |
| doTriggerCheckerValidationtionFunctions | This method is used to trigger checker validation functions. |
| verifyViewButtonsFunctionality | This method is used to verify the view buttons functionality. |
| doMakerFillFromFundDetails | This method is used fill the from fund details by maker. |
| doMakerFillSwitchToInvestorDetails | This method is used to fill the To investor details. |
| doMakerFillSwitchFromInvestorDetails | This method is used to fill From investor details. |
| doMakerFillSwitchRequestDetails | This method is used to fill the request details. |
| doMakerVerifyAndFillToFundDetails | This method is used to fill the To fund details. |
| doMakerFillSwitchDetails | This method is used to fill the switch details. |
| doMakerVerifySwitchRequestDetailsTab | This method is used to verify the request details tab. |
| doMakerVerifySwitchFromInvestorDetailsTab | This method is used to verify the From investor details tab. |
| doMakerVerifySwitchToInvestorDetailsTab | This method is used to verify To investor details tab. |
| doClickOnExpandOrCollapseButtonsBasedOnTabName | This method is used in common to expand or collapse the tabs based on the passed tab name. |
| doMakerVerifyFromFundDetailsTab | This method is used to verify From fund details at maker |
| doMakerVerifyToFundDetailsTab | This method is used to verify To fund details at maker. |
| doMakerVerifySwitchDetailsTab | This method is used verify Switch details tab. |
| doMakerFillAvailableBalanceIntegratedFunction | This method is used to fill the available balance details. |
| doMakerVerifyFullSwitchValuesInAvaialableBalance | This method is used to verify the full switch available balance details. |
| doMakerFillAvailableBalanceDetails | This method is used to fill the available balance details. |
| doMakerVerifyAvailableBalanceDetailsForTotalsColumns | This method is used to verify the available balance details for the total column. |
| doMakerAndCheckerVerifyPendingTradesDetails | This method is used to verify the pending trade’s details at maker and checker. |
| doMakerFillAndVerifyChargeDetails | This method is used to fill and verify the charge details. |
| doMakerVerifyAmountDetailsTab | This method is used to verify amount details tab at maker. |
| doMakerSelectOtherDetailsRadioButtons | This method is used to select the other details radio buttons. |
| doMakerVerifyExceptions | This method is used to verify the exceptions. |
| doCheckerVerifySwitchRequestDetails | This method is used to verify the switch request details at checker. |
| doCheckerVerifySwitchFromInvestorDetailsTab | This method is used to verify the From investor details tab at checker. |
| doCheckerVerifySwitchToInvestorDetailsTab | This method is used to verify the To investor details tab at checker. |
| doCheckerVerifySwitchFromFundDetailsTab | This method is used to verify the From fund details at checker. |
| doCheckerVerifySwitchToFundDetailsTab | This method is used to verify the To fund details at checker. |
| doCheckerVerifySwitchDetailsTab | This method is used to verify the Switch details tab. |
| doCheckerVerifyAllocatedAmountAndShare | This method is used to verify the allocated amount or share. |
| doCheckerVerifyFullSwitchValuesInAvaialableBalance | This method is used to verify the full switch available balances at checker. |
| doVerifyAllocatedAmountAndShare | This method is used to verify the allocated amount and shares. |
| doCheckerVerifyAllSwitchAvailableBalanceDetails | This method is sued to verify all available balances details. |
| doCheckerVerifySwitchChargesDetails | This method is used to verify the switch charges details. |
| doCheckerVerifySwitchAmountDetailsTab | This method is used to verify the Amount details tab at checker. |
| doCheckerVerifyOtherDetailsRadioButtons | This method is used to verify the other details radio buttons. |
| doCheckerOpeartionsOnMastersCreatedFromTrade | This method is used to perform checker operations on masters created through trades. |
| doCheckerVerifyOrChangeOverridedDetails | This method id used to verify or change overridden charges details. |
| doCheckerVerifyExceptions | This method is used to verify the exceptions at checker. |
| doCheckerVerifyOrderAcknowledgementDownload | This method is used to verify the order acknowledgement is downloaded or not. |
| doCheckerVerifyOrderStatusDetails | This method is used to verify order status details. |
| doSubOperationsOnTransactionTrades | This method is used to perform operations on trades add / edit screen. |
| doCheckerChangeOverrideStatus | This method is used to change overridden status at checker. |
| performCheckerOperationOnTrade | This method is used to perform checker operations on trade. |
| checkerOperationOnTrade | This method will trigger the checker operation. |
| doMakerVerifyViewButtonForNoticePeriods | This method is used to verify view buttons details of notice period charges details at maker. |
| doMakerVerifyViewButtonForTransactionCharge | This method is used to verify view buttons details of transaction charges details at maker. |
| getTheInvestorNameCreatedFromSwitch | This method is used to read the investor name created from trade screen. |
| getTheHolderNameCreatedFromSwtitch | This method is used to read the holder name created from trade screen. |
| getTheAccountIDFromCreatedXMLFilesBasedOnTestCaseName | This method is used to read the Account ID from respective stored XML files based on test case name. |

* 1. **TradeTypeTransferAppFunctions**

This Java (Class) file contains the methods which can be used against Trade type Transfer screen. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| doFillTransferMasterDetails | This method is used to trigger the Transfer add functions. |
| doFillRequestDetails | This method is used to fill the request details. |
| doFillFromInvestorDetails | This method is used to fill the From Investor Details. |
| doFillToInvestorDetails | This method is used to fill the To Investor Details. |
| doVerifyToInvestorDetails | This method is used to verify the To Investor Details. |
| doVerifyChargeDetails | This method is used to verify the Charge details. |
| doFillFundDetailsTransfer | This method is used to fill the Fund details. |
| doFillTransferDetails | This method is used to fill the Transfer details. |
| doClickOnExpandOrCollapseButtonsOnTransferSecondTab | This method is used to expand or collapse the tabs based on passed argument. |
| doMakerVerifyRequestDetailsTab | This method is used to verify the Request details tab. |
| doMakerVerifyFromInvestorDetailsTab | This method is used to verify the From Investor details tab. |
| doMakerVerifyFundDetailsTab | This method is used to verify Fund details tab. |
| doMakerVerifyTransferDetailsTab | This method is used to verify the Transfer details tab. |
| doMakerVerifyAmountDetailsTab | This method is used verify the Amount details tab. |
| doMakerFillOtherDetailsTab | This method is used to fill the Other details tab. |
| doSubOperationsOnTransactionTrades | This method is used to perform operations on the trade add screen. |
| verifyExceptionsatMaker | This method is sued to verify the exceptions at maker. |
| doFillAvailableBalanceDetails | This method is used to fill the Available Balance details at maker. |
| doCheckerVerifyAvailableBalanceDetails | This method is used to verify the Available Balance details at checker. |
| doMakerVerifyPendingTrades | This method is used to verify the Pending trades details at maker. |
| doVerifyTransferDetailsInChecker | This method is used to verify the Transfer details at checker. |
| formatDate | This method is used to format the date into required format. |
| verifyRequestDetailsInChecker | This method is used to verify the Request details at checker. |
| verifyFromInvestorDetailsInChecker | This method is used to verify the From Investor details at Checker. |
| verifyToInvestorDetailsChecker | This method is used to verify the To Investor Details at Checker. |
| verifyFundDetailsInChecker | This method is used to verify the Fund Details at checker. |
| verifyTransferDetailsInChecker | This method is used to verify the Transfer details at checker. |
| verifyChargesDetailsInChecker | This method is used to verify the Charges details at checker. |
| verifyAmountDetailsInChecker | This method is used to verify the Amount details at checker. |
| verifyOtherDetailsInChecker | This method is used to verify the Other details at checker. |
| doOpeartionsonMasterCreatedFromTrade | This method is used to perform operations on created trade. |
| doCheckerActionTypesOnMasters | This method is used to perform actions on the trade at checker. |
| doVerifyExceptionsAtCheckerForTradeTypeTransfer | This method is used to verify the Exceptions at checker. |
| doVerifyOrChangeOverridedChargesTypeForTradeTypeTransfer | This method is used to verify or change the Overridden Charges type details. |
| doCheckerActionTypesOnTradeTypeTransfer | This method is used to perform respective checker action on the trade. |
| verifyOrderAcknowledgementDownload | THs method is used to verify the Order Acknowledgement is downloaded or not. |
| changeOverrideStatus | This method is used to change the Overridden status. |
| doCheckerActionTypesForTranSaction | This method is used to trigger the checker action type on the trade. |
| doMakerFillAvailableBalanceDetails | This method is used to fill the Available Balance details. |
| doMakerVerifyAvailableBalanceDetails | This method is used to verify the Available Balance details at maker. |
| doCheckerVerifyTransferAvailableBalanceDetails | This method is used to verify the Available Balance details at checker. |
| doMakerAndCheckerVerifyPendingTradesDetails | This method is used to verify the Pending Trades details at Maker and Checker. |
| verifyViewButtonsFunctionality | This method is used to verify the view buttons functionality. |
| verifyViewButtonForNoticePeriods | This method is used to verify the view buttons details for notice period charges. |
| verifyViewButtonForTransactionCharge | This method is used to verify the view buttons details for Transaction charges. |
| chekerVerifyAvailableBalancAllocatedeAMountOrShare | This method is used to verify the Available Balance Allocated Amount / Share details at checker. |
| doVerifyFullTransferValuesInAvaialableBalance | This method is used to verify the full transfer details. |
| doVerifyCheckerAllocatedAmountandShare | This method is used to verify the Allocated Amount / share at checker. |
| doMakerVerifyAvailableBalanceAllocatedeAmountOrShare | This method is used to verify the Available Balance Allocated Amount/Share at maker. |
| doVerifyFullTransferMakerInAvaialableBalance | This method is used to verify the Full transfer Available Balance details at maker. |
| doMakerFillCheckerReviewedTransferTrade | This method is used to trigger the add functions for the Checker reviewed trade. |
| getInvestorNameFromTheInvestorTestData | This method is used to read the Investor name from the test data. |
| getHolderNameFromHolderTestData | This method is used to read the Holder name from the test data. |

* 1. **UserAppFunctios**

This Java (Class) file contains the methods which can be used against User screen in User Management. Below are the methods and their purpose.

|  |  |
| --- | --- |
| **Method** | **Description** |
| editCreatedUser | This method is used to edit the created user. |
| selectMultipleValuesInSelectBox | This method is used to select multiple values from combo box. |
| verifyFundSetupScreensAndLegalEntitiesAssignedToUser | This method is used to verify assigned Fund Setup sub modules screens and assigned Legal Entities and their operations. |
| checkFundSetupScreensAndLegalEntitiesAssignedInRole | This method is used to trigger verification functions to verify the assigned Fund Setup screens and Legal Entities for a role. |
| verifyAllocationActivities | This method is used to verify the Allocation activities that are available to the user. |
| verifyTradeSearchAssignedRoles | This method is used to verify Assigned roles for Trade Search screen. |
| verifyDeleteAndCancelOperationButtons | This method is used to verify Delete and Cancel Operation Buttons. |
| verifyLegalEntitiesInTradeSearch | This method is sued to verify the Legal Entities in Trade Search. |
| verifySwitchActivitiesTradeItems | This method is used to verify the activities assigned on Switch trade. |
| verifyLegalEntitiesInSwitch | This method is used to verify the Legal Entities in Switch trade. |
| verifyFormulaActivitiesActivitiesItems | This method is used to verify the activities in Formula setup. |
| verifyInDashBoardForMasters | This method is used to verify the Masters through Dashboard. |
| verifyExchangeActivitiesTradeItems | This method is used to verify the Exchange trade operations. |
| verifyLegalEntitiesInExchange | This method is sued to verify the Legal Entities in Exchange. |
| verifyInDashBoardForTradeType | This method is sued to verify the trade type in Dashboard. |
| verifyTransferActivitiesTradeItems | This method is used to verify the Transfer trade operations. |
| verifyLegalEntitiesInTransfer | This method is sued to verify the Legal Entities in Transfer. |
| verifyFeederRedemptionActivitiesItems | This method is used to verify the Feeder Redemption trade operations. |
| verifyLegalEntitiesInFeederRedemption | This method is sued to verify the Legal Entities in Feeder Redemption. |
| verifyFeeSubscriptionActivitiesItems | This method is used to verify the Feeder Subscription trade operations. |
| verifyLegalEntitiesInFeederSubscription | This method is sued to verify the Legal Entities in Feeder Subscription. |
| verifyFeeDistributionActivitiesItems | This method is used to verify the operations on Fee Distribution. |
| verifyRedemptionTradeItems | This method is used to verify assigned items in trade type Redemption. |
| verifyLegalEntitiesInRedemption | This method is used to verify Legal Entities in Redemption. |
| getTheTestCaseNameToFillTheInvestorData | This method is used to get the TC Name to fill respective investor data. |
| verifySubscriptionTradeItems | This method is used to verify assigned items in trade type Subscription. |
| verifyLegalEntitiesInSUbscription | This method is used to verify the Legal Entities in Subscription trade. |
| verifyDashBoardItems | This method is used to verify the dash board items. |
| verifyClientItems | This method is used to verify the client items. |
| verifyFundFamilyItems | This method is used to verify the Fund Family items. |
| verifyLegalEntityItems | This method is used to verify the Legal Entity items. |
| verifyClassMasterItems | This method Is used to verify the Class Master items. |
| verifySeriesMasterItems | This method is used to verify the Series Master items. |
| verifyParameterItems | This method is used to verify the Parameter items. |
| verifyManagementFeeActivitiesItems | This method is used to verify Management Fee Activity items. |
| verifyIncentiveFeeActivitiesItems | This method sis used to verify Incentive Fee Activity items. |
| verifyLegalEntitiesInClass | This method is used to verify the Legal Entities in Class. |
| getParentValuesFromRoles | This method is used to get the parent Values from Roles. |
| verifyMenus | This method is sued to verify the Menu items. |
| masterTypeFilterValues | This method is used to select the master type filters. |
| selectFilterValueForMasterTypeForTransactions | This method sis used to select the master type from filter for Trades. |
| navigateToDashBoard | This method sis used to navigate to dashboard. |

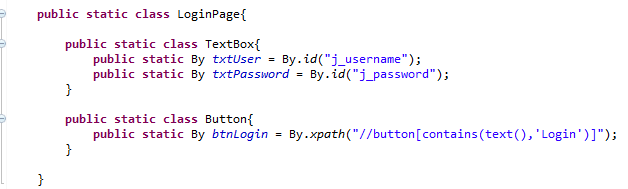
* 1. **XMLLibrary :**

This Java (Class) file contains the methods which can be used to store and retrieve the dynamic and reusable data like transaction ID’s, Account Numbers etc.

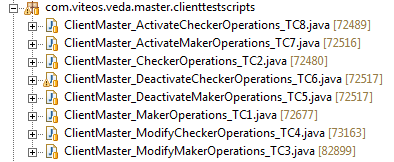
# Locators

****

This Java (Class) file contains the locators of the Web Element objects in all the screens of application which are used in automation. Below is the example of login page related locators.

****

# Client Test Scripts

****

* 1. **ClientMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs all maker operations to create a Client.

* 1. **ClientMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for the Client.

* 1. **ClientMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker operations to modify the Client.

* 1. **ClientMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker operations for modified Client records.

* 1. **ClientMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Client Deactivate operations by Maker.

* 1. **ClientMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Client Deactivate Checker operations.

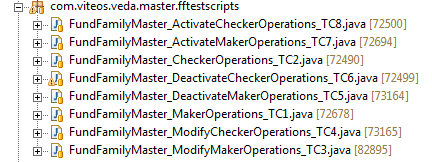
* 1. **ClientMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Client Maker Activate operations.

* 1. **ClientMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Client Checker Activate Operations.

# Fund Family Test Scripts

****

* 1. **FundFamilyMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs all maker operations to create a Fund Family.

* 1. **FundFamilyMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for the Fund Family.

* 1. **FundFamilyMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker operations to modify the Fund Family.

* 1. **FundFamilyMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker operations for modified Fund Family records.

* 1. **FundFamilyMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Fund Family Deactivate operations by Maker.

* 1. **FundFamilyMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Fund Family Deactivate Checker operations.

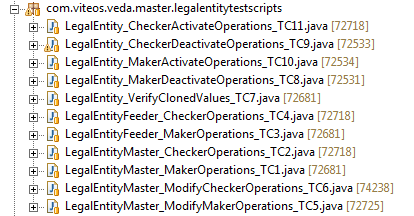
* 1. **FundFamilyMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Fund Family Maker Activate operations.

* 1. **FundFamilyMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Fund Family Checker Activate Operations.

# Legal Entity Test Scripts:



* 1. **LegalEntityMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a Legal Entity where Operation is not ‘***Clone***’ and Entity type is not ‘***Feeder***’.

* 1. **LegalEntityMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for the Fund Family where Operation is not ‘***Clone***’ and Entity type is not ‘***Feeder***’.

* 1. **LegalEntityFeeder\_MakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker operations to create a Legal Entity using ‘***Feeder***’ structure and with ‘***Clone***’ Operation.

* 1. **LegalEntityFeeder\_CheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker operations for created Legal Entity using ‘***Feeder***’ structure and with ‘***Clone***’ Operation.

* 1. **LegalEntityMaster\_ModifyMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Modify and Validate operations of Created Legal Entity.

* 1. **LegalEntityMaster\_ModifyCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Legal Entity.

* 1. **LegalEntity\_VerifyClonedValues\_TC7:**

This Java (class) file contains the code which performs Cloned Data verification of Legal Entity.

* 1. **LegalEntity\_MakerDeactivateOperations\_TC8:**

This Java (class) file contains the code which performs Maker Deactivate Operations of Legal Entity.

* 1. **LegalEntity\_CheckerDeactivateOperations\_TC9:**

This Java (class) file contains the code which performs Checker Deactivate Operations of Legal Entity.

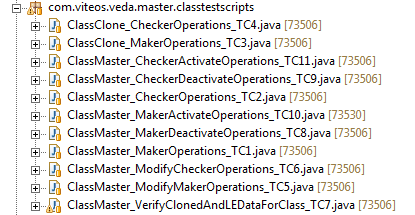
* 1. **LegalEntity\_MakerActivateOperations\_TC10:**

This Java (class) file contains the code which performs Maker Activate Operations of Legal Entity.

* 1. **LegalEntity\_CheckerActivateOperations\_TC11:**

This Java (class) file contains the code which performs Checker Activate Operations of Legal Entity.

# Class Test Scripts:



* 1. **ClassMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a Class where Operation is not ‘***Clone***’.

* 1. **ClassMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for the Class where Operation is not ‘***Clone***’.

* 1. **ClassClone\_MakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker operations to create a Class using ‘***Clone***’ Operation.

* 1. **ClassClone\_CheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker operations for created Class using ‘***Clone***’ Operation.

* 1. **ClassMaster\_ModifyMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Modify and Validate operations of Created Class.

* 1. **ClassMaster\_ModifyCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Class.

* 1. **ClassMaster\_VerifyClonedAndLEDataForClass\_TC7:**

This Java (class) file contains the code which performs Cloned and respective Legal Entity Data verification of Class.

* 1. **ClassMaster\_MakerDeactivateOperations\_TC8:**

This Java (class) file contains the code which performs Maker Deactivate Operations of Class.

* 1. **ClassMaster\_CheckerDeactivateOperations\_TC9:**

This Java (class) file contains the code which performs Checker Deactivate Operations of Class.

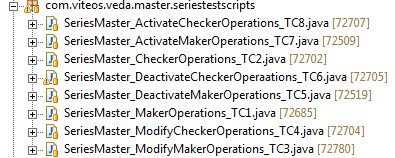
* 1. **ClassMaster\_MakerActivateOperations\_TC10:**

This Java (class) file contains the code which performs Maker Activate Operations of Class.

* 1. **ClassMaster\_CheckerActivateOperations\_TC11:**

This Java (class) file contains the code which performs Checker Activate Operations of Class.

# Series Test Scripts:



* 1. **SeriesMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a Series.

* 1. **SeriesMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for a Series.

* 1. **SeriesMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker Modify operations of a Series.

* 1. **SeriesMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Series.

* 1. **SeriesMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Series.

* 1. **SeriesMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Series.

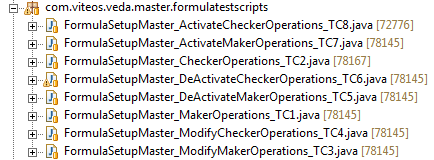
* 1. **SeriesMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Activate Operations on Series.

* 1. **SeriesMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Activate Operations on Series.

# Formula Test Scripts:



* 1. **FormulaSetupMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a Formula.

* 1. **FormulaSetupMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for a Formula.

* 1. **FormulaSetupMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker Modify operations of a Formula.

* 1. **FormulaSetupMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Formula.

* 1. **FormulaSetupMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Formula.

* 1. **FormulaSetupMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Formula.

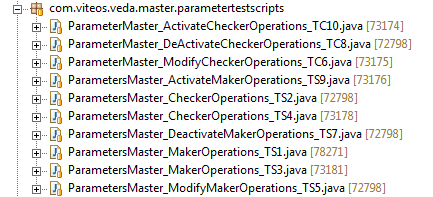
* 1. **FormulaSetupMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Activate Operations on Formula.

* 1. **FormulaSetupMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Activate Operations on Formula.

# Parameter Test Scripts:



* 1. **ParameterMaster\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs Maker operations to create a Parameter where Rule is opted for ‘***All Fund Rules***’.

* 1. **ParameterMaster\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker operations for a Parameter where Rule is opted for ‘***All Fund Rules***’.

* 1. **ParameterMaster\_MakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker operations to create a Parameter where Rule is ***NOT*** opted for ‘***All Fund Rules***’.

* 1. **ParameterMaster\_CheckerOperations\_TS4:**

This Java (class) file contains the code which performs Checker operations for a Parameter where Rule is ***NOT*** opted for ‘***All Fund Rules***’.

* 1. **ParameterMaster\_ModifyMakerOperations\_TS5:**

This Java (class) file contains the code which performs Maker Modify operations on a Parameter.

* 1. **ParameterMaster\_ModifyCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Parameter.

* 1. **ParameterMaster\_DeactivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Parameter.

* 1. **ParameterMaster\_DeactivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Parameter.

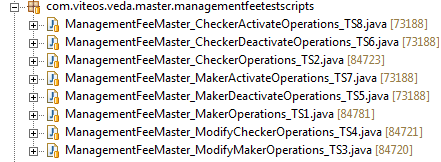
* 1. **ParameterMaster\_ActivateMakerOperations\_TC9:**

This Java (class) file contains the code which performs Maker Activate Operations on Parameter.

* 1. **ParameterMaster\_ActivateCheckerOperations\_TC10:**

This Java (class) file contains the code which performs Checker Activate Operations on Parameter.

# Management Fee Test Scripts:

****

* 1. **ManagementFeeMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a new Management Fee.

* 1. **ManagementFeeMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations for a Management Fee.

* 1. **ManagementFeeMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker Modify operations of a Management Fee.

* 1. **ManagementFeeMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Management Fee.

* 1. **ManagementFeeMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Management Fee.

* 1. **ManagementFeeMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Management Fee.

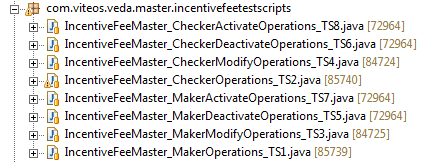
* 1. **ManagementFeeMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Activate Operations on Management Fee.

* 1. **ManagementFeeMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Activate Operations on Management Fee.

# Incentive Fee Test Scripts:

****

* 1. **IncentiveFeeMaster\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs Maker operations to create a new Incentive Fee.

* 1. **IncentiveFeeMaster\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker operations for Incentive Fee.

* 1. **IncentiveFeeMaster\_ModifyMakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker Modify operations of Incentive Fee.

* 1. **IncentiveFeeMaster\_ModifyCheckerOperations\_TS4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Incentive Fee.

* 1. **IncentiveFeeMaster\_DeactivateMakerOperations\_TS5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Incentive Fee.

* 1. **IncentiveFeeMaster\_DeactivateCheckerOperations\_TS6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Incentive Fee.

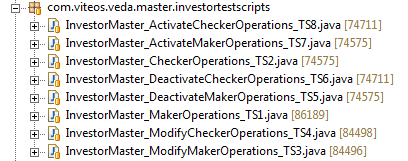
* 1. **IncentiveFeeMaster\_ActivateMakerOperations\_TS7:**

This Java (class) file contains the code which performs Maker Activate Operations on Incentive Fee.

* 1. **IncentiveFeeMaster\_ActivateCheckerOperations\_TS8:**

This Java (class) file contains the code which performs Checker Activate Operations on Incentive Fee.

# Investor with Integrated Fee Distribution Test Scripts:

****

* 1. **InvestorMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a new Investor.

* 1. **InvestorMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations on Investor.

* 1. **InvestorMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker Modify operations on Investor.

* 1. **InvestorMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Investor.

* 1. **InvestorMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Investor.

* 1. **InvestorMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Investor.

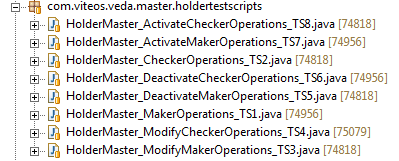
* 1. **InvestorMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Activate Operations on Investor.

* 1. **InvestorMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Activate Operations on Investor.

# Holder Master Test Scripts:

****

* 1. **InvestorMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a new Holder.

* 1. **InvestorMaster\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations on Holder.

* 1. **InvestorMaster\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker Modify operations on Holder.

* 1. **InvestorMaster\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Holder.

* 1. **InvestorMaster\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Holder.

* 1. **InvestorMaster\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Holder.

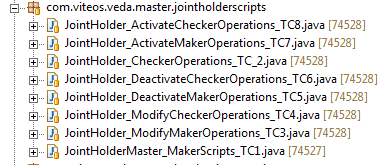
* 1. **InvestorMaster\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Activate Operations on Holder.

* 1. **InvestorMaster\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Activate Operations on Holder.

# Joint Holder Test Scripts: (These scripts are not updated from the change request taken place due to huge number of fields and tabs got added. Asked us to leave without further modifications).



* 1. **JointHolder\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs Maker operations to create a new Joint Holder.

* 1. **JointHolder\_CheckerOperations\_TC2:**

This Java (class) file contains the code which performs Checker operations on Joint Holder.

* 1. **JointHolder\_ModifyMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker Modify operations on Joint Holder.

* 1. **JointHolder\_ModifyCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Joint Holder.

* 1. **JointHolder\_DeactivateMakerOperations\_TC5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Joint Holder.

* 1. **JointHolder\_DeactivateCheckerOperations\_TC6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Joint Holder.

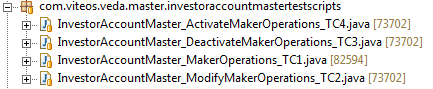
* 1. **JointHolder\_ActivateMakerOperations\_TC7:**

This Java (class) file contains the code which performs Maker Activate Operations on Joint Holder.

* 1. **JointHolder\_ActivateCheckerOperations\_TC8:**

This Java (class) file contains the code which performs Checker Activate Operations on Joint Holder.

# Account Master Test Scripts:

****

* 1. **InvestorAccountMaster\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs operations to create a new Account for Investor/Feeder.

* 1. **InvestorAccountMaster\_ModifyMakerOperations\_TC2:**

This Java (class) file contains the code which performs Modify operations on Investor/Feeder Account.

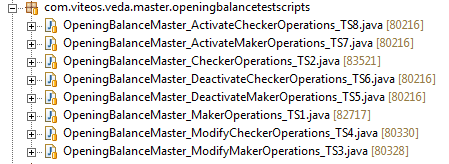
* 1. **InvestorAccountMaster\_DeactivateMakerOperations\_TC3:**

This Java (class) file contains the code which performs Deactivate operations on Investor/Feeder Account.

* 1. **InvestorAccountMaster\_ActivateMakerOperations\_TC4:**

This Java (class) file contains the code which performs Activate Operations on Investor/Feeder Account.

# Opening Balance Master Test Scripts:

****

* 1. **OpeningBalanceMaster\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs Maker operations to create a new Opening Balance entry.

* 1. **OpeningBalanceMaster\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker operations on Opening Balance entry record.

* 1. **OpeningBalanceMaster\_ModifyMakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker Modify operations on Opening Balance record..

* 1. **OpeningBalanceMaster\_ModifyCheckerOperations\_TS4:**

This Java (class) file contains the code which performs Checker Operations on Maker Modified Opening Balance record.

* 1. **OpeningBalanceMaster\_DeactivateMakerOperations\_TS5:**

This Java (class) file contains the code which performs Maker Deactivate Operations on Opening Balance record.

* 1. **OpeningBalanceMaster\_DeactivateCheckerOperations\_TS6:**

This Java (class) file contains the code which performs Checker Deactivate Operations on Opening Balance record.

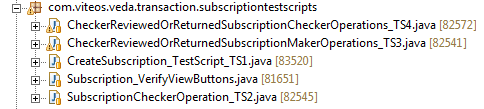
* 1. **OpeningBalanceMaster\_ActivateMakerOperations\_TS7:**

This Java (class) file contains the code which performs Maker Activate Operations on Opening Balance record.

* 1. **OpeningBalanceMaster\_ActivateCheckerOperations\_TS8:**

This Java (class) file contains the code which performs Checker Activate Operations on Opening Balance record.

# Trade Type Subscription Test Scripts:

****

* 1. **CreateSubscription\_TestScript\_TS1:**

This Java (class) file contains the code which performs operations to create a new Subscription Order.

* 1. **SubscriptionCheckerOperation\_TS2:**

This Java (class) file contains the code which performs Checker operations on Subscription Order.

* 1. **CheckerReviewedOrReturnedSubscriptionMakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Subscription Order.

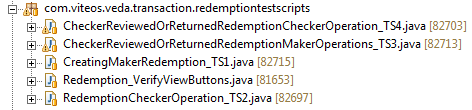
* 1. **CheckerReviewedOrReturnedSubscriptionCheckerOperations\_TS4:**

This Java (class) file contains the code which performs Checker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Subscription Order.

* 1. **Subscription\_VerifyViewButtons:**

This Java (class) file contains the code which performs Verification of values on view button modal dialogs.

# Trade Type Redemption Test Scripts:

****

* 1. **CreatingMakerRedemption\_TS1:**

This Java (class) file contains the code which performs operations to create a new Redemption Order.

* 1. **RedemptionCheckerOperation\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Redemption Order.

* 1. **CheckerReviewedOrReturnedRedemptionMakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Redemption Order.

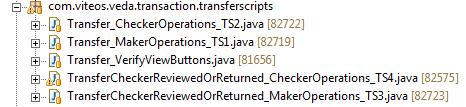
* 1. **CheckerReviewedOrReturnedRedemptionCheckerOperation\_TS4:**

This Java (class) file contains the code which performs Checker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Redemption Order.

* 1. **Redemption\_VerifyViewButtons:**

This Java (class) file contains the code which performs Verification of values on view button modal dialogs.

# Trade Type Transfer Test Scripts:

****

* 1. **Transfer\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs operations to create a new Transfer Order.

* 1. **Transfer\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Transfer Order.

* 1. **TransferCheckerReviewedOrReturned\_MakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Transfer Order.

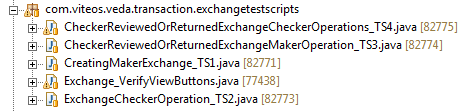
* 1. **TransferCheckerReviewedOrReturned\_CheckerOperations\_TS4:**

This Java (class) file contains the code which performs Checker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Transfer Order.

* 1. **Transfer\_VerifyViewButtons:**

This Java (class) file contains the code which performs Verification of values on view button modal dialogs.

# Trade Type Exchange Test Scripts:

****

* 1. **CreatingMakerExchange\_TS1:**

This Java (class) file contains the code which performs operations to create a new Exchange Order.

* 1. **ExchangeCheckerOperation\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Exchange Order.

* 1. **CheckerReviewedOrReturnedExchangeMakerOperation\_TS3:**

This Java (class) file contains the code which performs Maker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Exchange Order.

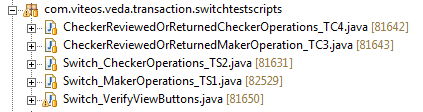
* 1. **CheckerReviewedOrReturnedExchangeCheckerOperations\_TS4:**

This Java (class) file contains the code which performs Checker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Exchange Order.

* 1. **Exchange\_VerifyViewButtons:**

This Java (class) file contains the code which performs Verification of values on view button modal dialogs.

# Trade Type Switch Test Scripts:

****

* 1. **Switch\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs operations to create a new Switch Order.

* 1. **Switch\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Switch Order.

* 1. **CheckerReviewedOrReturnedMakerOperation\_TC3:**

This Java (class) file contains the code which performs Maker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Switch Order.

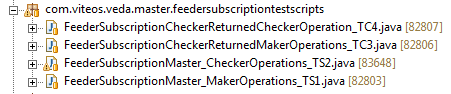
* 1. **CheckerReviewedOrReturnedCheckerOperations\_TC4:**

This Java (class) file contains the code which performs Checker operations on ‘***Checker Reviewed***’/’***Checker Returned***’ Switch Order.

* 1. **Switch\_VerifyViewButtons:**

This Java (class) file contains the code which performs Verification of values on view button modal dialogs.

# Feeder Subscription Test Scripts:

****

* 1. **FeederSubscriptionMaster\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs operations to create a new Feeder Subscription.

* 1. **FeederSubscriptionMaster\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Feeder Subscription.

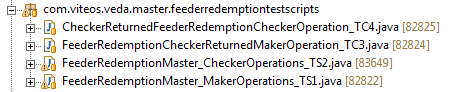
* 1. **FeederSubscriptionCheckerReturnedMakerOperations\_TC3:**

This Java (class) file contains the code which performs Maker operations on ‘***Checker Returned***’ Feeder Subscription.

* 1. **FeederSubscriptionCheckerReturnedCheckerOperation\_TC4:**

This Java (class) file contains the code which performs Checker operations on ’***Checker Returned***’ Feeder Subscription.

# Feeder Redemption Test Scripts:

****

* 1. **FeederRedemptionMaster\_MakerOperations\_TS1:**

This Java (class) file contains the code which performs Maker operations to create a Feeder Redemption.

* 1. **FeederRedemptionMaster\_CheckerOperations\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Feeder Redemption.

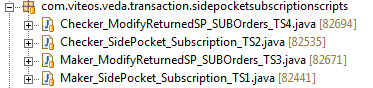
* 1. **FeederRedemptionCheckerReturnedMakerOperation\_TC3:**

This Java (class) file contains the code which performs Maker operations on ’***Checker Returned***’ Feeder Redemption.

* 1. **CheckerReturnedFeederRedemptionCheckerOperation\_TC4:**

This Java (class) file contains the code which performs Checker operations on ’***Checker Returned***’ Feeder Redemption.

# Side Pocket Subscription Test Scripts:

****

* 1. **Maker\_SidePocket\_Subscription\_TS1:**

This Java (class) file contains the code which performs Maker operations to create a new Side Pocket Subscription Order.

* 1. **Checker\_SidePocket\_Subscription\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Side Pocket Subscription Order.

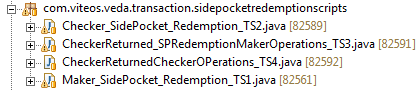
* 1. **Maker\_ModifyReturnedSP\_SUBOrders\_TS3:**

This Java (class) file contains the code which performs Maker operations on ’***Checker Returned***’ Side Pocket Subscription Order.

* 1. **Checker\_ModifyReturnedSP\_SUBOrders\_TS4:**

This Java (class) file contains the code which performs Checker operations on ’***Checker Returned***’ Side Pocket Subscription Order.

# Side Pocket Redemption Test Scripts:

****

* 1. **Maker\_SidePocket\_Redemption\_TS1:**

This Java (class) file contains the code which performs Maker operations to create a new Side Pocket Redemption Order.

* 1. **Checker\_SidePocket\_Redemption\_TS2:**

This Java (class) file contains the code which performs Checker Operations on Side Pocket Redemption Order.

* 1. **CheckerReturned\_SPRedemptionMakerOperations\_TS3:**

This Java (class) file contains the code which performs Maker operations on ’***Checker Returned***’ Side Pocket Redemption Order.

* 1. **CheckerReturnedCheckerOPerations\_TS4:**

This Java (class) file contains the code which performs Checker operations on ’***Checker Returned***’ Side Pocket Redemption Order.

# Side Pocket Redemption Test Scripts:

****

* 1. **AllocationProcessTestScript\_TC1:**

This Java (class) file contains the code which performs end to end operations in Allocation wizard.

i.e.: 1. Defining and Verifying Break Period.

2. Uploading Trial Balance.

3. Process and verify Special Allocations.

4. Process, Edit and verify Hot Issue Allocation.

5. Processing Fee Adjustment and Update Fee.

6. Processing Allocation for selected Legal Entities and Post Fee in Master.

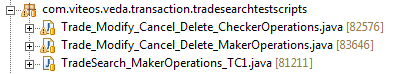
7. Generate EDS comparison reports.

8. Finalizing / Undo the NAV.

9. Update NAV for Orders.

10. Perform Series Rollup.

# Trade Search Test Scripts:

****

* 1. **TradeSearch\_MakerOperations\_TC1:**

This Java (class) file contains the code which performs operations to Search the trade based on given details.

* 1. **Trade\_Modify\_Cancel\_Delete\_MakerOperations:**

This Java (class) file contains the code which performs Maker Modify, Cancel and Delete trade Operations on All type of Trades based on the given search criteria.

* 1. **Trade\_Modify\_Cancel\_Delete\_CheckerOperations:**

This Java (class) file contains the code which performs Checker Operations on All type of Modified / Canceled / Deleted Trades based on the given search criteria.

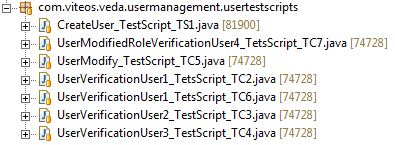
# Allocation Comparison Reports Generation Test Scripts:

****

* 1. **AllocationComparisonReports\_TS1:**

This Java (class) file contains the code which performs comparisons between two report files and generates an excel file with each column value and its difference and reports with a regular reporting log file.

# User Management (USER) Test Scripts:

****

* 1. **CreateUser\_TestScript\_TS1:**

This Java (class) file contains the code which performs operations to create new USERs based on respective role and group activities.

* 1. **UserVerificationUser1\_TetsScript\_TC2:**

This Java (class) file contains the code which performs verification of Created USER\_1 along with Group and Role activities.

* 1. **UserVerificationUser2\_TestScript\_TC3:**

This Java (class) file contains the code which performs verification of Created USER\_2 along with Group and Role activities.

* 1. **UserVerificationUser3\_TestScript\_TC4:**

This Java (class) file contains the code which performs verification of Created USER\_3 along with Group and Role activities.

* 1. **UserModify\_TestScript\_TC5:**

This Java (class) file contains the code which performs Modification operations on the USERs and its details.

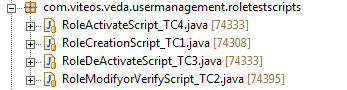
* 1. **UserVerificationUser1\_TetsScript\_TC6:**

This Java (class) file contains the code which performs verification of assigned Roles to a USER\_1.

* 1. **UserModifiedRoleVerificationUser4\_TetsScript\_TC7:**

This Java (class) file contains the code which performs verification of Modified User Role details of USER\_4.

# User Management (Role) Test Scripts:

****

* 1. **RoleCreationScript\_TC1:**

This Java (class) file contains the code which performs operations to create a new Role in User Management screen.

* 1. **RoleModifyorVerifyScript\_TC2:**

This Java (class) file contains the code which performs operations to Modification and Verification of Modified Role.

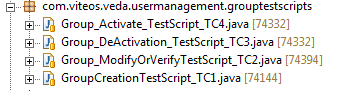
* 1. **RoleDeActivateScript\_TC3:**

This Java (class) file contains the code which performs Deactivation operations on Role.

* 1. **RoleActivateScript\_TC4:**

This Java (class) file contains the code which performs Activation operations on Role.

# User Management (GROUP) Test Scripts:

****

* 1. **GroupCreationTestScript\_TC1:**

This Java (class) file contains the code which performs operations to create a new Group in User Management screen.

* 1. **Group\_ModifyOrVerifyTestScript\_TC2:**

This Java (class) file contains the code which performs operations to Modification and Verification of Modified Group.

* 1. **Group\_DeActivation\_TestScript\_TC3:**

This Java (class) file contains the code which performs Deactivate operations on Group.

* 1. **Group\_Activate\_TestScript\_TC4:**

This Java (class) file contains the code which performs Activate operations on Group.

# Final Suites Configuration Test Scripts:

****

* 1. **FinalSuiteConfiguration:**

This Java (class) file contains the code which will be triggered by a batch file and can be able to run specific set of test scripts by grouping them into a suite with respect to their modules and dependency order this will be triggered by batch file when want to run a batch execution but the suites which are running need to be set flags in global test data sheet.