

# Bank Management System

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Package

bankuserinterface

BankManagementSystem

InterfaceLauncher

+start(): void  
+main(String[]): void

BankFXController

-employee: BankOperator  
-mainMenuScene: Scene  
-bankSystem: BankManagementSystem  
-superStage: Stage

+BankFXController(BankManagementSystem, Stage)  
getLoginScene(): Scene  
getEmployeeCreationScene(): Scene  
getMainMenu(): Scene  
getAccountCreationScene(): Scene  
getTransactionScene(): Scene  
getSearchScene(): Scene  
getDeletionScene(): Scene  
getMonthScene(): Scene  
getBankDataScene(): Scene  
+createButton(String, String, int): Button

Package

bankpanes

MainMenuPane

-createNewAccount: Button  
-transactionButton: Button  
-accountSearch: Button  
-removeAccount: Button  
-monthReset: Button  
-bankDataButton: Button  
-logoutButton: Button  
MainMenuPane()  
getters

StackPane

BankBasePane

-backgroundImage: Image  
#mainBorderPane: BorderPane  
-header: VBox  
-titleLabel: Font  
-subTitle: Font  
BankBasePane()

MonthResetPane

-confirmBtn: Button  
-cancelBtn: Button  
centerPane: VBox  
+MonthResetPane(): void  
getters

DataAnalysisPane

-returnToMenuButton: Button  
-bankData: BankData  
-mainFont: Font  
-mainPane: HBox  
+DataAnalysisPane(): void  
-getLeftPane(): VBox  
-getCenterPane(): VBox  
-getRightPane(): VBox  
-createLabel(String): Label

AccountCreationPane

-accountTypeSelector: ToggleGroup  
-checkingRB: RadioButton  
-goldRB: RadioButton  
-regularRB: RadioButton  
-accountNumberField: TextField  
-customerNameField: TextField  
-initialDepositField: TextField  
-returnToMenuButton: Button  
-enterButton: Button  
-bottomSelectorPane: HBox  
-errorPane: VBox  
-gridFont: Font  
+AccountCreationPane(): void  
+errorPopUp(String): void

DeleteAccountPane

-thisAccount: Account  
-centerPane: StackPane  
-rightPane: StackPane  
-bottomPane: HBox  
-accountEntryBox: InputFieldHBox  
-enterBtn: Button  
-cancelBtn: Button  
+DeleteAccountPane(): void  
-setupRightPane(): void  
-setupBottomPane(): void  
getters

LoginPane

-title: String  
-buttonOne: Button  
-buttonTwo: Button  
-textFieldOne: TextField  
-textFieldTwo: TextField  
-signInFailure: Text  
-loginPane: GridPane  
-finalReturnToMenuBtn: Button  
+LoginPane(String, String, String, String, String)  
getters  
-setupCenterLoginPane(String, String): void  
-setupCenterPaneAfterSuccess(): void  
-setupBottomFailurePane(String): void  
+setFailVisible(boolean): void

SearchPane

-wholeList: ArrayList<Account>  
-filteredList: ArrayList<Account>  
-leftPane: AccountSearchFieldsPane  
-selectedAccount: Account  
-accountNumberInput: int  
-customerNameInput: String  
-customerDirInput: int  
-minValueInput: BigDecimal  
-maxValueInput: BigDecimal  
-rightPane: StackPane  
-returnToMenuBtn: Button  
+operation1(params): returnType  
+operation2(params)  
+operation3()

HBox

InputFieldHBox

-descriptionLabel: Label  
textField: TextField  
+InputFieldHBox(double, String, int)  
getters/setters  
getValue(): int  
getLongValue(): long

GridPane

AccountListPane

-filteredList: ArrayList<Account>  
-rv: ListView<String>  
-listScrollPane: ScrollPane  
-titleLabel: Label  
+AccountListPane()  
+getLV(): ListView<String>  
+setPreferredSize(double): void  
+setFontStyle(String): void

AccountSearchFieldsPane

-accountNumberBox: InputFieldHBox  
-customerNameBox: InputFieldHBox  
-customerDirBox: InputFieldHBox  
-minValueBox: InputFieldHBox  
-maxValueBox: InputFieldHBox  
+AccountSearchFieldsPane()  
+getters

VBox

TransactionForesightPane

-transactionAmount: BigDecimal  
-isFeeApplied: boolean  
-transactionFee: double  
-accountValue: BigDecimal  
-transactionSum: BigDecimal  
TransactionForesightPane(double, Account, long)

RadioButtonVBox

-radioButtons: ArrayList<RadioButton>  
-thisToggle: ToggleGroup  
RadioButtonVBox(double, String, String)  
RadioButtonVBox(double, String, String, String)  
RadioButtonVBox(double, String, String, String, String)  
-setRadioButtonFormats(): void  
-setPanelFormat(): void  
+getButton(int): RadioButton