

Full Project Structure

```
C:.
|   project_structure.txt
|
+---.vscode
|       c_cpp_properties.json
|       launch.json
|       settings.json
|       tasks.json
|
+---core
|       clsAdmin.h
|       clsBankClient.h
|       clsCurrency.h
|       clsPerson.h
|       clsTransactionLogger.h
|
+---data
|       Admins.text
|       AdminsSessionLog.txt
|       AllTransactions.txt
|       Clients.txt
|       ClientsSessionLog.txt
|       Currencies.txt
|
+---src
|       SmartBank System & ATM.cpp
|       SmartBank System & ATM.exe
|
+---utils
|       clsDate.h
|       clsInputValidate.h
|       clsString.h
|       clsUtil.h
```

```
|  
| \---Welcome_Screen  
|   |   clsStartUpBankSystem.h  
|   |  
|   +---base_screen  
|   |   Global.h  
|   |   clsScreen.h  
|   |  
|   \---startup  
|       +---1) Login_As_Admin  
|       |   clsAdminLoginScreen.h  
|       |   clsAdminDashboard_Menu.h  
|       |  
|       \---Admin_Dashboard_Screens  
|           +---Manage_Clients_Menu  
|           |   clsManageClientsScreen.h  
|           |  
|           \---Manage_Clients_Screens  
|               clsClientsListScreen.h  
|               clsAddNewClientScreen.h  
|               clsUpdateClientScreen.h  
|               clsFindClientScreen.h  
|               clsDeleteClientScreen.h  
|               clsTotalBalancesScreen.h  
|               clsClientsSessionLogScreen.h  
|  
|       +---Manage_Admins_Menu  
|           |   clsManageAdminMenu.h  
|           |  
|           \---Manage_Admins_Screens  
|               clsListAdminsScreen.h  
|               clsAddNewAdminScreen.h  
|               clsFindAdminScreen.h  
|               clsDeleteAdminScreen.h  
|               clsUpdateAdminScreen.h  
|               clsAdminsSessionLogScreen.h  
|               clsCurrentAdminSessionScreen.h  
|  
|       +---Currency_Menu  
|           |   clsCurrencyMenu.h  
|           |  
|           \---Currency_Screens  
|               clsAddNewCurrencyScreen.h  
|               clsCurrencyConverterScreen.h  
|               clsDeleteCurrencyScreen.h  
|               clsFindCurrencyScreen.h  
|               clsListCurrencysScreen.h  
|               clsUpdateCurrencyScreen.h  
|
```

```
|           \---Transactions_Menu
|               |   clsTransactionsMenu.h
|               |
|               \---Transactions_Screens
|                   clsDepositScreen.h
|                   clsTransferHistoryScreen.h
|                   clsTransferScreen.h
|                   clsWithdrawScreen.h
|
+---2) ATM
|   |   clsClientLoginScreen.h
|   |   clsClientDashboard_Menu.h
|
|   \---ATM_Screens
|       clsATMQuickWithdrawScreen.h
|       clsATMNormalWithdrawScreen.h
|       clsATMDepositScreen.h
|       clsATMCheckBalanceScreen.h
|       clsCurrentClientSessionScreen.h
|       clsATMTransferHistoryScreen.h
|       clsATMTransferScreen.h
|       clsATMChangePINScreen.h
|
+---3) Creat_Admin_Account
|       clsCreatAdminAccout.h ➔ Go to clsAddNewAdminScreen.h
|
\---4) Creat_Client_Account
       clsCreatClientAccount.h ➔ Go to clsAddNewClientScreen.h
```