RACHEL_PAVEK_PROJECT.py

- -memberName
- -memberName

Login_Menu_Helper

- + loginData

- + Login_Window
- - Validate_Credentials
- - show_Error

Back_End_Helper

Log_Usage_Class

- + self.jsonFilePaths
- + self.csvFilePaths
- - roleID
- - UsedID
- - UserName
- - Success

- + __init__
- - Get_Role_Name
- - Get_Usage_Statisitcs
- + Create_Login_Event
- - Get_Login_Event_ID
- + Create_Preformed_Action_Record

Create_Json

- + self.jsonFilePaths
- + self.csvFilePaths

- + __init__
- - Check_For_Json_File

Validate_Credentials

- + self.filePaths
- + UserName
- - Password

- + __init__
- - Get_Role_ID
- + Execute_Command

Action_Mapping

- + self.filePaths
- + self.roleID

- + __init__
- - Get_Action_Mapping
- - Get_Action
- - Get_All_Actions
- + Execute_Command

Add_Patient

- + self.patientId
- - self.filePaths

- + __init__
- - Get_Patient_Record
- - Add_Patient_To_File
- - Get_Most_Recent_Vistit_ID
- + Create_Patient_Record
- + Create_Visit_Record
- + Create_Note_Record

Remove_Patient

- + self.patientId
- + self.filePaths

- + __init__
- - Get_Patient_Record
- + Remove_Patient_Records

Retrieve_Patient

- + self.patientId
- + self.filePaths

- + __init__
- + Get_Patient_Record

Count_Visits

- + self.date
- + self.filePaths

- + __init__
- + Get_Visit_Records

View_Note

- + self.patientID
- + self.filePaths

- + __init__
- - Get_Patient_Records
- - Get_Visit_ID
- + Get_Patient_Notes

Generate_Statisitcs

- + self.filePaths

- + __init__
- - Get_Patient_Records
- - Get_Visit_Records
- - Get_Unique_List_Of_Gender
- - Get_Unique_List_Of_Age
- - Get_Unique_List_Of_Race
- - Get_Unique_List_Of_Ethnicity
- - Get_Unique_List_Of_Insurance
- - Get_All_Unique_Lists
- - Count_Number_Of_Gender_Visits
- - Count_Number_Of_Age_Visits
- - Count_Number_Of_Race_Visits
- - Count_Number_Of_Ethnicity_Visits
- - Count_Number_Of_Insurance_Visits
- - Count_All_Statistic_Attributes
- - Get_All_Statistics_Data

CSV_To_JSON_Converter

- + filePath
- + jsonObjects
- + listOfRecordElements
- + csvFilePath

- - checkObjectsForValue
- - Get_Json_Patient_Data
- - Get_Json_Credential_Data
- - Create_User_Role_Json_Data
- - Create_User_Json_Data
- - Create_System_Action_Json_Data
- - Create_Action_Mapping_Json_Data
- - Create_Patient_Json_Data
- - Append_Json_Credential_Objects
- - Append_Json_Patient_Objects
- - Convert_Patient_Data
- - Convert_User_Credential_Data
- - Create_PRSUsage_Statistics
- + Convert_CSV_To_JSON

File_Helper

- + fileName
- + override
- - data
- + filePath

- - Generate_Json_Credential_Template
- - Generate_Json_Patient_Template
- - Generate_Json_Usage_Statistics_Template
- - Check_For_CSV_File
- - Create_Json_File
- - Check_For_Json_File
- + Extract_Json_Usage_Statstics_Data
- + Extract_Json_User_Credential_Data
- + Extract_Json_Patient_Elements_Data
- + Read_Json_Credential_File
- + Read_Json_Patient_File
- + Read_Json_Usage_Statistic_File
- + Write_Json_File

General_Helper

- + patientID
- + patientData
- + visitData
- + noteData

- + Generate_Login_Events_data_Json
- + Generate_Actions_Preformed_Data_Json
- + Generate_System_Actions_Data_Json
- + Generate_Actions_Mapping_Data_Json
- + Generate_Role_Data_Json
- + Generate_User_Data_Json
- + Generate_Patient_Note_Data_Json
- + Generate_Patient_Data_Json
- + Generate_Visit_Date_Json
- + Generate_Note_Data_Json
- + Generate_Additional_Note_Data_Json
- - Generate_ID
- - Generate_Visit_Time
- - Generate_Event_Time
- - Get_Role_ID

Record_Helper

- searchValue
- filePath
- jsonElementName

- + Remove_Patient_Record
- + Remove_Patient_Visit_Records
- + Remove_Patient_Visit_Notes
- + Remove_Additional_Note_Data
- + Get_Patient_Records
- + Get_Patient_Visit_Records
- + Get_Patient_Visit_Notes
- + Get_Additional_Visit_Notes
- + Get_User_Record
- + Get_User_Role
- + Get_Action_Mapping
- + Get_Action
- +Get_Login_Event