

DataServerAccess

ServerHandler : IDataHandler
+ SendToServer(string stringToSend) + bool Create(string query) + string Read(string query) + bool Update(string query) + bool Delete(string query)

RequestHandler : IRequestHandler
+ IDataHandler
+ string SendRequest(string request)

ResponseHandler : IResponseHandler
+ IDataHandler
+ DataTable GetDataTable(string response)

static ConvertDataToTable
+ DataTable ConvertToDataTable(string data)

Models

Inventory : IModel
+ int ItemID + string ProductName + string WarehouseCity + int WarehouseID

Product : IModel
+ int ProductID + string ProductName + bool IsActive

Item : IModel
+ int ItemID + int ProductID + bool IsActive

WarehouseItem : IModel
+ int ItemID + int WarehouseID

Warehouse : IModel
+ int WarehouseD + string StreetAndNo + string City + string ProvinceOrState + string Country + string PostalCode + bool IsActive

Controllers

ReadController : IReadController
+ IRequestHandler + IResponseHandler + IController
DataTable GetInventory() DataTable GetTable(string tableName)

EditController : IEditController
+ IRequestHandler + IResponseHandler + IController
+ string ExecuteCUD(object table, string command, string tableName)

InventoryController : ITableRead, IController
+ IInventory
+ string GetReadQuery()

ProductController : ITableRead, ITableCUD, IController
+ IProduct
+ string GetCreateQuery(object table, string command) + string GetReadQuery() + string GetUpdateQuery(object table, string command) + string GetDeleteQuery(object table, string command)

WarehouseController : ITableRead, ITableCUD, IController
+ IWarehouse
+ string GetCreateQuery(object table, string command) + string GetReadQuery() + string GetUpdateQuery(object table, string command) + string GetDeleteQuery(object table, string command)

WarehouseItemController : ITableRead, ITableCUD, IController
+ IWarehouseItem
+ string GetCreateQuery(object table, string command) + string GetReadQuery() + string GetUpdateQuery(object table, string command) + string GetDeleteQuery(object table, string command)

ItemController : ITableRead, ITableCUD, IController
+ IItem
+ string GetCreateQuery(object table, string command) + string GetReadQuery() + string GetUpdateQuery(object table, string command) + string GetDeleteQuery(object table, string command)

View

startPage
IReadController # IEditController
void InitializeTracker() # void btnView_click() # void btnEdit_click() # void btnProduct_click() # void btnItem_click() # void btnWarehouse_Click() # void btnAddNew_Click() # void btnUpdateProduct_Click() # void DisplayNavTables() # void DisplaySubmitButtons() # void HideDisplay()