

Multisite Shipment Business Solution

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Multisite shipment is a business solution that is developed to handle import charges process separately when there are multiple purchase orders which may arrive partially or fully in a single shipment. The company has more than one branches located in Sri Lanka and all of them release purchase orders. So the purpose of this multisite shipment business solution is to make functionality to contain multiple purchase orders from multiple sites in a single shipment and giving capability to customer to handle purchase order shipment and related chargers from a single window. Through this solution all the charges which are involved with the shipment and the parts which are purchasing are calculated per units (may be per line/per amount/per weight or volume) and finally calculates the overall charge which needs to release the stock. The charges which can be connected to a Multisite shipment have to be separately defined. This is implemented in the supply chain module in the IFS Enterprise Resource Planning (ERP) system. The user interface is IFS Enterprise Explorer. It appears like a web browser and displays the forms in pages. There are several navigation options which can be used to find the pages and functions which are linked with each other. To develop this solution layered application architecture was used and developed through agile development methodology. Harvest Workbench was used for version controlling. The languages which were used are PL/SQL for Backend Development and Business Logic, and C#/.net for Windows Client development (IFS Foundation1 framework). The tools which were used to develop this solution are Visual Studio 2013 (with IFS Developer Tools) and IFS Developer Studio. IFS Life Cycle Support (LCS) and IFS Solution Developer were used to manage the project. Although this business solution was developed to fulfill the requirement of Stafford Motors Company this was developed with a capability of reuse for any other customer who needs this functionality.

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