

# Problem Statement

*A grocery store chain would like an application to track the flow of goods in and out of his supermarkets. Goods are ordered from vendors and delivered to each store. Vendors are paid for their goods. The goods are placed onto shelves accessible to customers. Customers remove the goods from the shelves, pay for them at the checkouts and take them home. New goods are ordered to replace the sold items. Inventory projections are desirable to ensure consistent stocking levels. The price of goods must be set to optimize sales and profit margins.*