Order Fulfillment and Dashboard

**Primary Goal:**

Create a process for fulfilling open orders by allocating onhand supply from various ShipNodes. Orders should follow the flow of Open → Schedule → Allocate → Complete. A Dashboard should be created to show data and analytics of completed orders.

**Stakeholders:**

Users that work with the order fulfillment process. Users that need access to an order analytics dashboard.

**Scope:**

To determine the best process for handling order fulfillment and exceptions that occur during that process.

**Assumptions:**

Shell scripts that would normally be called automatically will be executed manually.

Users initiating the fulfillment process have access to view and query order data.

Users viewing the dashboard have access to view order details.

**Workflow:**

**Admin Flow**:

Admins can create and update orders after logging on. If the order is scheduled, the admin will be shown a fulfill order button.

The actual delivery date is updated upon admin clicking the fulfill button.

Once the order is allocated today then the completed order will not be viewable in the order view page.

**Agent Flow**:

The agents are shown a dashboard with line graph and pie chart by which they can know the analytics for the items they purchased.

Line graph displays the orders and the price of items.

Pie chart shows the percentage of completed order categories.

**Conclusion:**

Orders will follow the business fulfillment process as their status updates from Open → Schedule → Allocate → Complete. Part of the process will occur as shell scripts; other parts require user interventions. Users with access to the Dashboard can see data and analytics for the items that have been purchased, and the prices they were sold at.