



# WAREHOUSE MANAGEMENT SYSTEM

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# CONTRIBUTION

Members	Contribution
Apurva Zawar	DDL/DML: Order,Order_details, Dropid. View: Seasonal Items reports. Trigger: Generate task. Users/Security. Function: Task picking
Jharna Doda	DDL/DML: Vendor ,Task_details. View: Expired Goods reports. Trigger: Generate task. Procedure: Receiving process. Function: Date Check
Kush Salaskar	DDL/DML: ItemxLoc, ItemXLocXId, ncounter. View: Cycle count reports. Trigger: Decrease quantity. Procedure: Picking process. Function: Date check
Pooja Dhamne	DDL/DML: Receipt, Receipt_Deatils, Log. View: Best Selling Item/vendor. Trigger: Decrease quantity. Procedure: Packing process. Function: Log entry
Rohit Chouhan	DDL/DML: Location, Item. View: Warehouse Space reports. Trigger: Generate task. Procedure: Shipping process. Function: Task packing
Shreya Gosrani	DDL/DML: Purchase_order, Purchase_order_details,Config. Trigger: Decrease quantity. Procedure: Receiving process. Function: Task Shipping



# PROBLEM STATEMENT



The Warehouse Management aims to solve the issues of a lack of a standardized system for listing, tracking and stocking inventory, consequently slowing down the business process. There is a need to create an organized system to record inventory data quickly and safely to increase efficiency. It is tough to keep track of the receiving, putaway, picking, packing, shipping and stock keeping.



# PROPOSED SOLUTION

- The Warehouse Management System automates the whole process right from tracking purchase orders and inventory storage to orders and tasks generated
- It is divided into 2 main parts:
  - Inbound Process
  - Outbound Process
- The inbound process includes receiving purchase orders from various vendors, logging and storing this inventory in exact locations to optimize and speed up the outbound process
- For the Outbound process, tasks are generated for the picking, packing and shipping process
- The orders are generated and dropped at a drop location specified



# CONCEPTS EXECUTED

**STORED PROCEDURE**



**FUNCTION**



**PACKAGES**



**CURSORS**



**GRANTS**



**VIEWS**



**TRIGGERS**



**SEQUENCE**

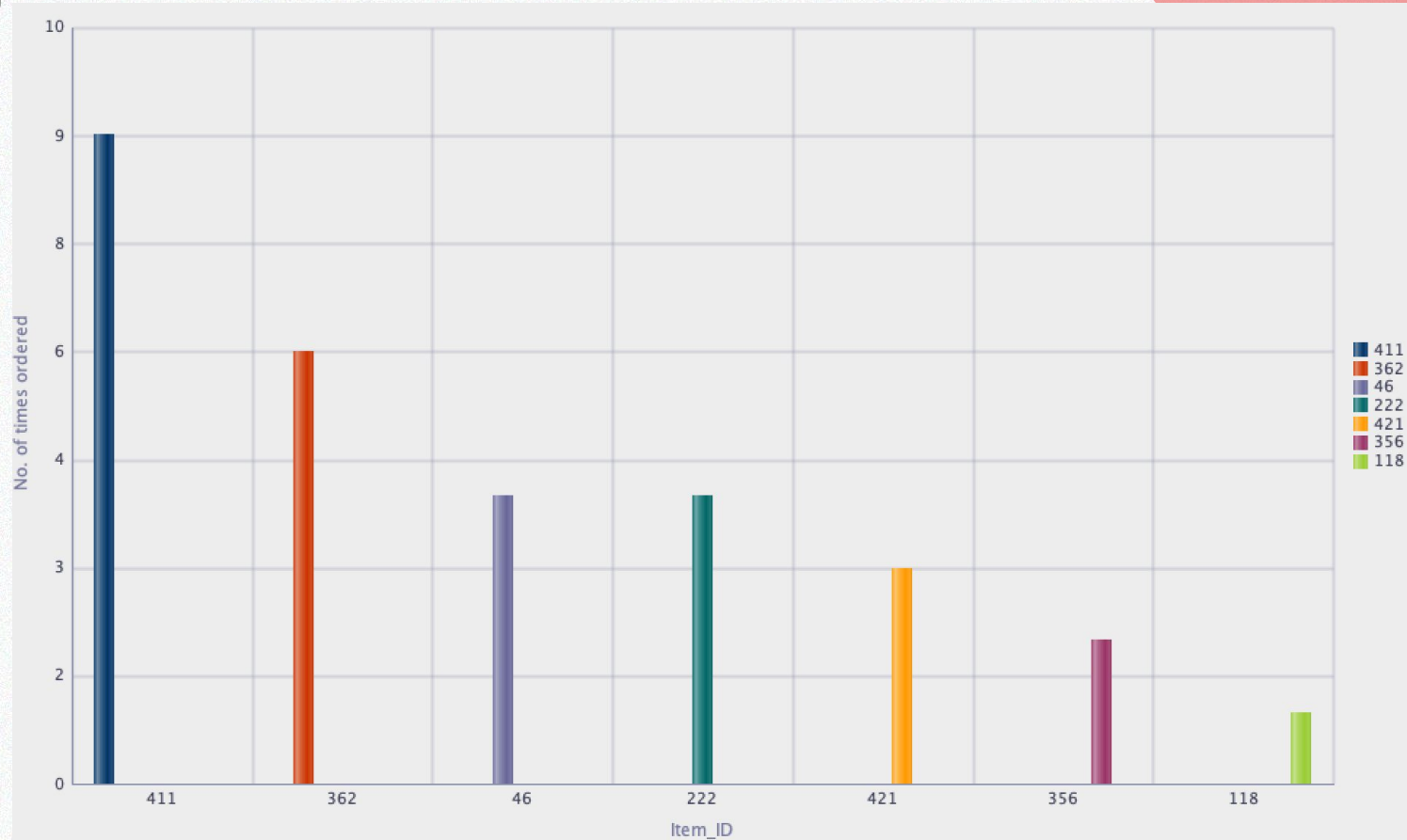


**EXCEPTION HANDLING**

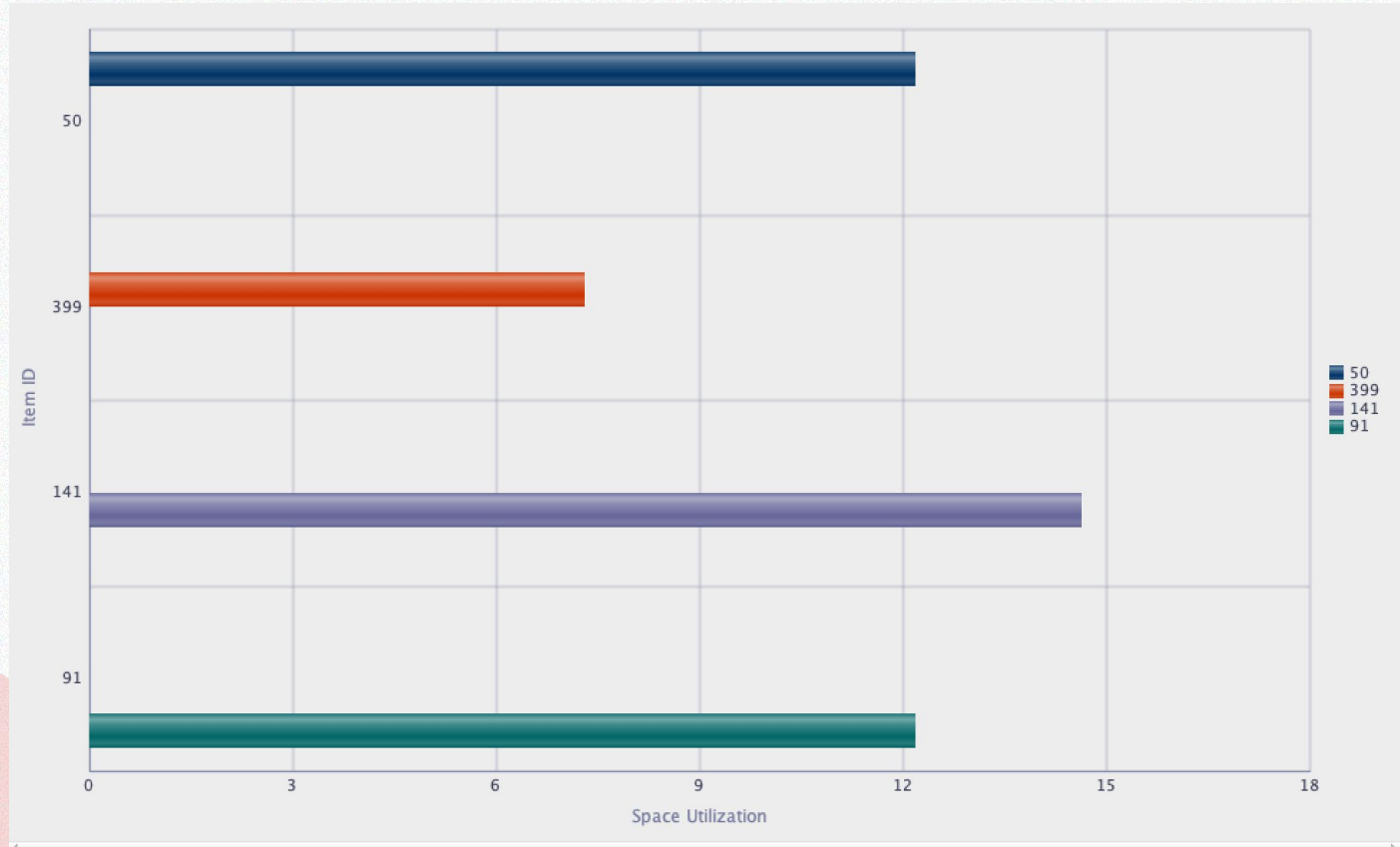


# REPORTS

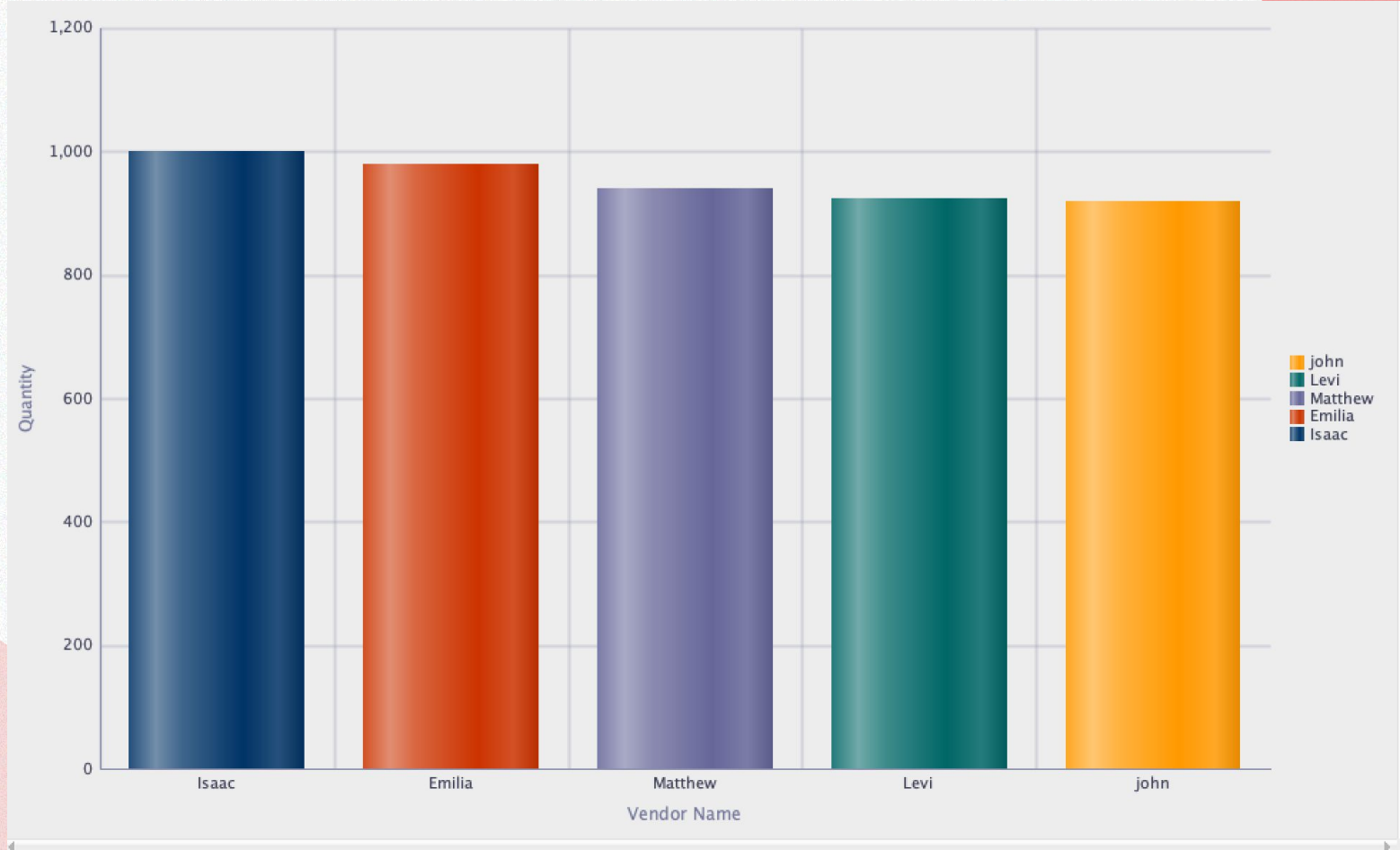
Seasonal Items: As market trends change, such as seasonal changes and festive changes, seasonal items are added to the mix. Keep track of the most frequently purchased things throughout these periods.



**Warehouse Space Utilization:** Display the percentage of warehouse space occupied by a specific item.

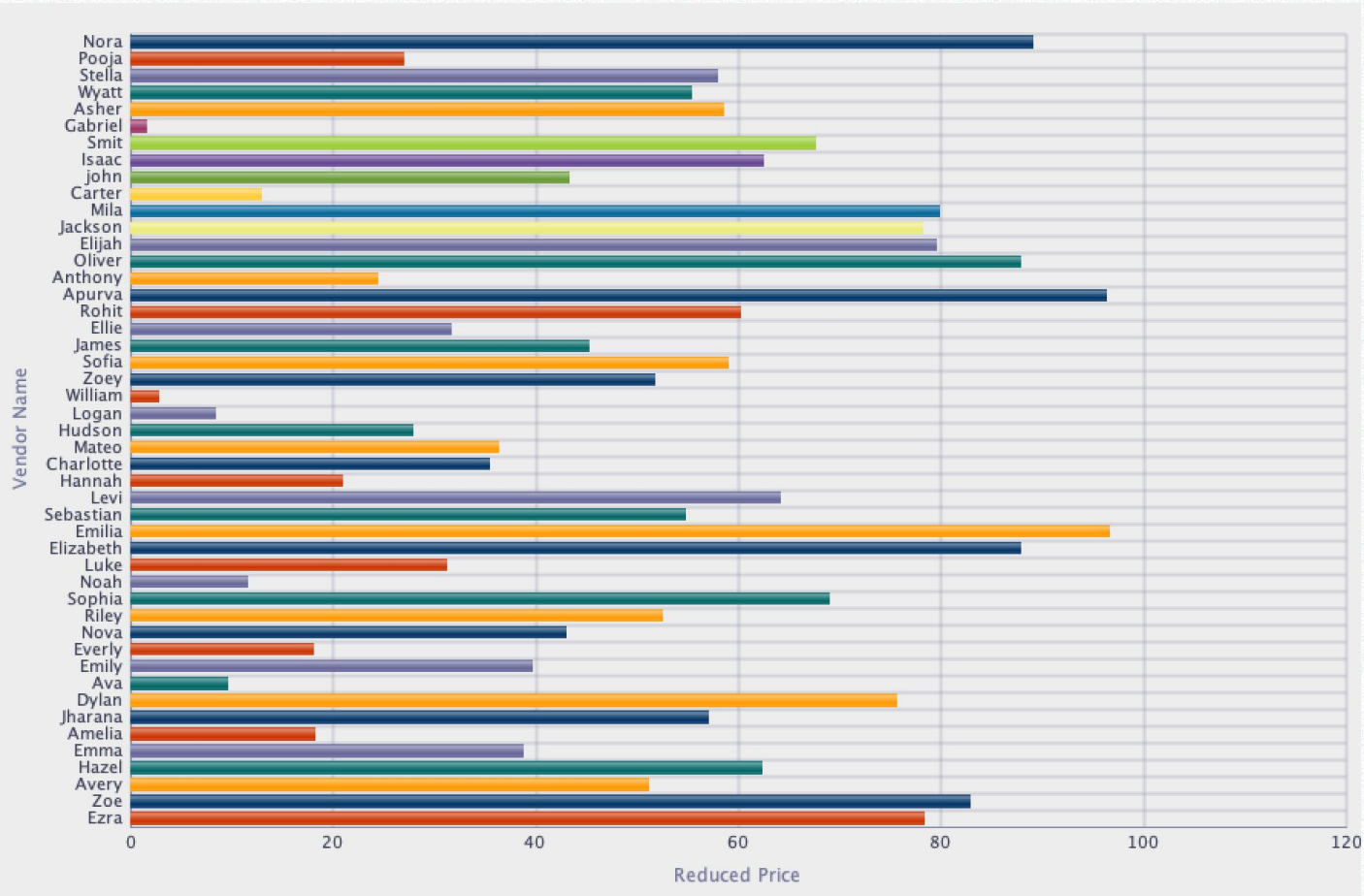


**Best Selling item per vendor:** Keep note of the top five selling things that we've received from each vendor.



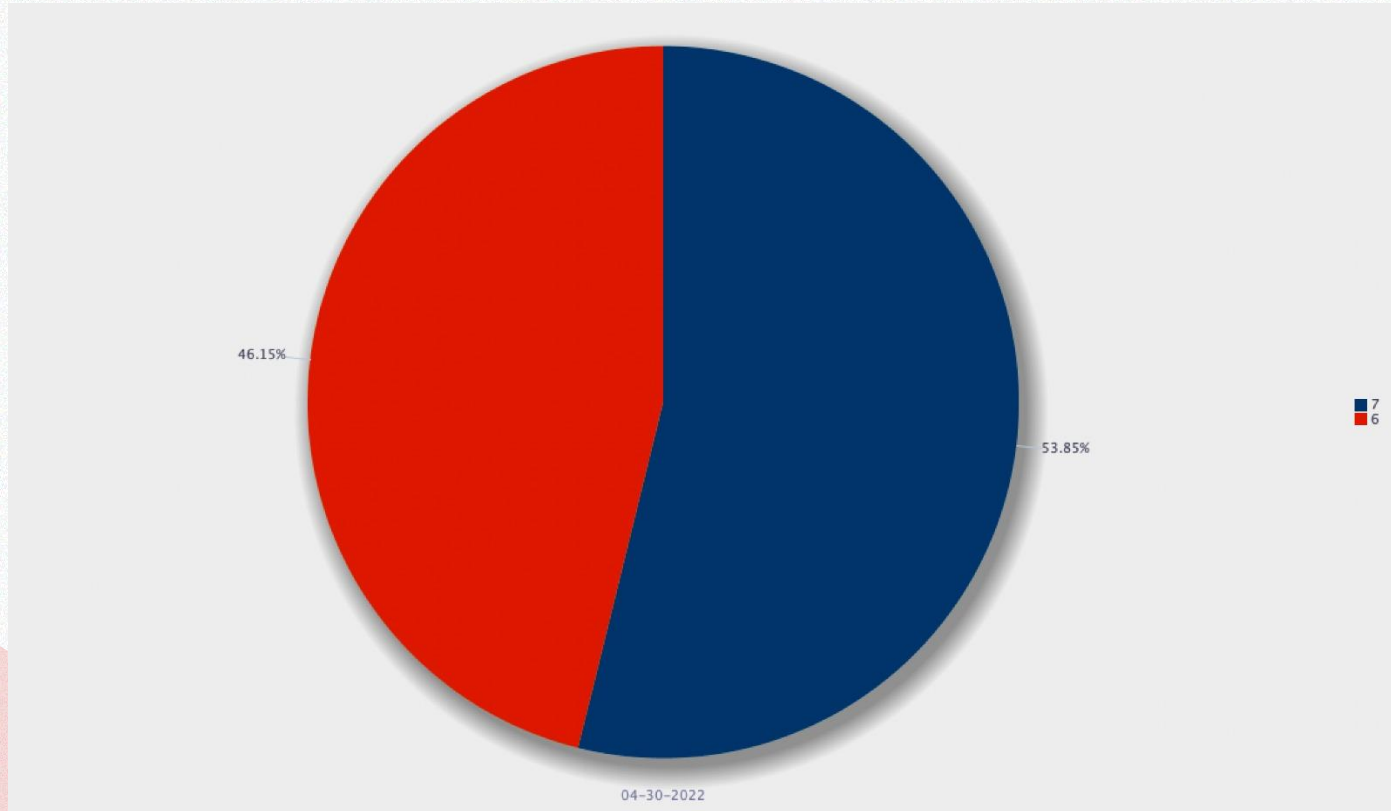


**Expired goods returned:** Display the reports for returning items that have passed their expiration date to the respective vendor with a price reduction





**Cycle Count:** This shows the total percentage of inbound and outbound inventory items that are transacted in a day.





**THANK YOU!**

