A diagram with many lines

Description automatically generated with medium confidence

@startuml

actor "Admin" as Admin

actor "Warehouse Manager" as WM

actor "Financial Manager" as FM

actor "Store Manager" as SM

actor "Warehouse Worker" as WW

actor "Delivery Personnel" as DP

actor "Online Customer" as OC

actor "System" as SYS

' Admin Access

Admin --> employee : Manages

Admin --> posn : Configures Roles

Admin --> site : Manages

Admin --> category : Updates Categories

Admin --> txnstatus : Updates Transaction Status

Admin --> txntype : Updates Transaction Types

Admin --> SYS : Views Reports

' Warehouse Manager Access

WM --> inventory : Manages Inventory

WM --> item : Manages Items

WM --> txn : Manages Transactions

WM --> supplier : Places Orders

WM --> delivery : Oversees Deliveries

WM --> SYS : Views Reports

' Financial Manager Access

FM --> txn : Reviews Transactions

FM --> txnstatus : Updates Status

FM --> txntype : Updates Types

FM --> SYS : Views Reports

' Store Manager Access

SM --> site : Manages Store Sites

SM --> inventory : Oversees Inventory

SM --> txn : Places Orders to Warehouse

SM --> SYS : Views Reports

' Warehouse Worker Access

WW --> inventory : Updates Stock

WW --> item : Handles Items

WW --> txnaudit : Conducts Reconciliation

WW --> SYS : Views Reports

' Delivery Personnel Access

DP --> delivery : Executes Deliveries

DP --> vehicle : Uses Vehicles

DP --> SYS : Views Reports

' Online Customer Access

OC --> txn : Places Orders

OC --> item : Purchases Items

OC --> SYS : Views Reports

' System Access

SYS --> delivery : Assigns Vehicles

SYS --> inventory : Updates Stock Automatically

SYS --> txnaudit : Automates Audit Logs

SYS --> txn : Tracks Transactions

SYS --> txnitems : Tracks Item Transfers

SYS --> Reports : Generates and Displays

' Relationships Between Tables

txn --> txnitems : Contains Items

txn --> txnaudit : Logged

txn --> delivery : Linked by DeliveryID

inventory --> item : Tracks Stock

inventory --> site : Located At

site --> province : Located In

supplier --> province : Located In

delivery --> vehicle : Assigns/Uses

item --> category : Categorized By

SYS --> Reports : Generates Data

@enduml