Skinner Proposal

shipperDOC

Objective

The core functional is to select from a list of orders an order and generate a BOL (Bill of Lading) PDF document for that order.

Design

- Refer to driverDOC
- Same Fonts
- Same Colors
- Same Icons
- New Images
    - Application Icon
    - Login Page Image
- Updated UI Layout
    - No Modal Window for Forms
    - Can we use Full Page or Slide-Out on Right?

Infrastructure

- AWS RDS
    - PostgreSQL Tables
        - Users - PGCrypto and JWT Tokens for Authentication
        - Configurations
        - Orders
        - Products
- AWS ECS Fargate
    - REST-API
        - Node/Express
        - Endpoints to Support Current Application
        - Endpoint to Multipart Spreadsheet Upload or Upload Balk/Batch Data for Orders
        - Endpoint to Multipart Spreadsheet Upload or Upload Balk/Batch Data for Products
- WEB-UI
    - Native React
        - Can this be truly hybrid/progressive app to run on tablets and phones?
    - Run Offline?
    - System Push Update Products?

Application Views

1. Login
2. User Management
    a. Roles
        i. Admin
            1. Add/Remove/Activate/De-active User
            2. Add BOL Templates
            3. Can't Generate BOL
        ii. Dock

1. Limited View/Access to Location
2. Generation BOL
            iii. Logistics
                1. Full View/Access
                2. Generate BOL
                3. Generate/View Reports
3. Settings
    a. Banner
    b. Legal Text
    c. PDF Template for PDF Layout
4. Purchase Order Table (Tab)
    a. Default Show Not Shipped
    b. Filter
            i. Date Schedule
            ii. Date Loaded
            iii. Data Shipped
            iv. BOL ID
            v. Sales Order
            vi. Purchase Order
            vii. Destination
    c. Sort All Columns
5. Purchase Order Entry (Form)
    a. Pallet and Weight Calculation
    b. Validation
    c. Printing
    d. Close/Archive
    e. Possible Delete
6. Generated PDF
7. Product Table (Tab)
    a. Default Show All
    b. Filter
            i. Item Number
            ii. Description
            iii. UPC
            iv. Case UPC
    c. Sort All Columns
8. Product (Form)
    a. Validation on Type

Outstanding Questions

1. Loaded By or Verified By generates BOL?
2. Create a BOL outside upload from GP?
3. UOM and Shipping Tabs on Item Master?