Inventory Management System Sprint 2 Plan

1. Sprint Goal:

Functional software for the dashboard, product pages, order pages, invoice pages, category pages, reports, and users page will be delivered with the Laravel and Bootstrap frameworks implemented.

2. Functional Requirements

1. **Dashboard:**
   Key inventory metrics (e.g., total items in stock, low-stock items) will be displayed
2. **Products Page:**
   Detailed list of all products (e.g. Product ID, Product Name, Price, Quantity)
3. **Category Page:**
   Detailed list of all categories (e.g. Category ID, Category Name)
4. **Orders Page:**
   Detailed list of all orders (e.g. Order ID, Products, Order Quantity, Total Price)
5. **Users Page:**
   Detailed list of all users (e.g. User ID, Full Name, Email, Role)
6. **Reports**
7. **Invoice Page:**
   Detailed list of all invoices (e.g. Invoice ID, Products, Item Quantity, Total Price)
8. **Login:**
   Appearance of the login page will be changed
9. **Authentication:**
   Authentication features, such as email verification, will be added
10. **Supporting Multiple Branches:**
    Tables will be adjusted to display items depending on branch
11. **Supporting Multiple Users:**
    Pages and actions will be restricted depending on user's role
12. **Personal Profile:**
    Users will be able to view and edit their own details

3. Task Breakdown:

Design:
- Login
- Template and styling

Functionality:

3.1. Dashboard
- Dashboard components - graphs, pie charts

3.2. Products
- Display product information
- Add product
- Edit product
- Delete product

3.3. Categories
- Display category information
- Add category
- Edit category
- Delete category

3.4. Orders
- Display order information
- Add order
- Edit order
- Delete order
- View order details

3.5. Users
- Display user information
- Add user
- Edit user
- Delete user

3.6. Invoices
- Display invoice information
- Add invoice
- Edit invoice
- Delete invoice
- Send invoice to email

3.7. Authentication

- Confirm password
- Forgot password
- Reset password
- Email verification

3.8. Supporting Multiple Branches

- Make the products table only display the orders associated with the branch of the currently logged-in user.
- Make the orders table only display the orders associated with the branch of the currently logged-in user.

3.9. Supporting Multiple Users

- Add Spatie package
- Add roles & permissions
- Protect routes with permissions middleware
- Change appearance of pages for different users

4.0. Personal Profile

- View own details
- Edit own details