**🗂️ Complete File Structure to Create**

**📁 resources/ (Frontend Client Side)**

**Views Structure**

resources/views/

├── dashboard.blade.php # Main dashboard (enhance existing)

├── welcome.blade.php # Landing page (enhance existing)

├── admin/

│ ├── dashboard.blade.php # Admin dashboard

│ ├── products/

│ │ ├── index.blade.php # Product list

│ │ ├── create.blade.php # Create product

│ │ ├── edit.blade.php # Edit product

│ │ ├── show.blade.php # Product details

│ │ └── bulk-import.blade.php # Bulk import

│ ├── categories/

│ │ ├── index.blade.php # Category list

│ │ ├── create.blade.php # Create category

│ │ └── edit.blade.php # Edit category

│ ├── suppliers/

│ │ ├── index.blade.php # Supplier list

│ │ ├── create.blade.php # Create supplier

│ │ ├── edit.blade.php # Edit supplier

│ │ └── show.blade.php # Supplier details

│ ├── inventory/

│ │ ├── index.blade.php # Inventory overview

│ │ ├── movements.blade.php # Stock movements

│ │ ├── adjustments.blade.php # Stock adjustments

│ │ ├── transfers.blade.php # Stock transfers

│ │ └── alerts.blade.php # Low stock alerts

│ ├── orders/

│ │ ├── index.blade.php # Order list

│ │ ├── create.blade.php # Create order

│ │ ├── edit.blade.php # Edit order

│ │ ├── show.blade.php # Order details

│ │ └── invoice.blade.php # Order invoice

│ ├── customers/

│ │ ├── index.blade.php # Customer list

│ │ ├── create.blade.php # Create customer

│ │ ├── edit.blade.php # Edit customer

│ │ └── show.blade.php # Customer details

│ ├── reports/

│ │ ├── index.blade.php # Reports dashboard

│ │ ├── sales.blade.php # Sales reports

│ │ ├── inventory.blade.php # Inventory reports

│ │ ├── products.blade.php # Product reports

│ │ ├── suppliers.blade.php # Supplier reports

│ │ └── analytics.blade.php # Analytics dashboard

│ ├── users/

│ │ ├── index.blade.php # User management

│ │ ├── create.blade.php # Create user

│ │ ├── edit.blade.php # Edit user

│ │ └── roles.blade.php # Role management

│ └── settings/

│ ├── index.blade.php # System settings

│ ├── general.blade.php # General settings

│ ├── email.blade.php # Email settings

│ └── notifications.blade.php # Notification settings

├── customer/

│ ├── dashboard.blade.php # Customer dashboard

│ ├── products/

│ │ ├── index.blade.php # Product catalog

│ │ └── show.blade.php # Product details

│ ├── orders/

│ │ ├── index.blade.php # Order history

│ │ └── show.blade.php # Order details

│ ├── cart/

│ │ └── index.blade.php # Shopping cart

│ └── profile/

│ └── index.blade.php # Customer profile

├── supplier/

│ ├── dashboard.blade.php # Supplier dashboard

│ ├── products/

│ │ ├── index.blade.php # Supplier products

│ │ ├── create.blade.php # Add product

│ │ └── edit.blade.php # Edit product

│ └── orders/

│ ├── index.blade.php # Purchase orders

│ └── show.blade.php # Order details

└── shared/

├── modals/

│ ├── confirm-delete.blade.php # Delete confirmation

│ ├── product-quick-view.blade.php # Product quick view

│ └── stock-adjustment.blade.php # Stock adjustment modal

└── partials/

├── pagination.blade.php # Custom pagination

├── search-filters.blade.php # Search & filters

├── notifications.blade.php # Notification alerts

└── sidebar.blade.php # Admin sidebar

**Enhanced Components**

resources/views/components/

├── admin/

│ ├── layout.blade.php # Admin layout

│ ├── sidebar.blade.php # Admin sidebar

│ ├── header.blade.php # Admin header

│ ├── breadcrumb.blade.php # Breadcrumb navigation

│ ├── stats-card.blade.php # Statistics cards

│ ├── data-table.blade.php # Data table component

│ ├── chart.blade.php # Chart component

│ └── notification-panel.blade.php # Notification panel

├── forms/

│ ├── select-input.blade.php # Select dropdown

│ ├── file-input.blade.php # File upload

│ ├── textarea-input.blade.php # Textarea

│ ├── checkbox-input.blade.php # Checkbox

│ ├── radio-input.blade.php # Radio button

│ ├── date-input.blade.php # Date picker

│ └── search-input.blade.php # Search input

├── ui/

│ ├── alert.blade.php # Alert messages

│ ├── badge.blade.php # Status badges

│ ├── card.blade.php # Card component

│ ├── loading.blade.php # Loading spinner

│ ├── empty-state.blade.php # Empty state

│ └── pagination.blade.php # Pagination

└── icons/

├── dashboard.blade.php # Dashboard icon

├── product.blade.php # Product icon

├── inventory.blade.php # Inventory icon

├── order.blade.php # Order icon

├── customer.blade.php # Customer icon

├── supplier.blade.php # Supplier icon

├── report.blade.php # Report icon

└── settings.blade.php # Settings icon

**Enhanced Layouts**

resources/views/layouts/

├── app.blade.php # Main app layout (enhance existing)

├── guest.blade.php # Guest layout (enhance existing)

├── admin.blade.php # Admin layout

├── customer.blade.php # Customer layout

├── supplier.blade.php # Supplier layout

├── print.blade.php # Print layout

└── partials/

├── head.blade.php # HTML head section

├── scripts.blade.php # JavaScript includes

├── styles.blade.php # CSS includes

└── footer.blade.php # Footer section

**📁 config/ (Configuration Files)**

config/

├── inventory.php # Inventory configuration

├── ecommerce.php # E-commerce settings

├── permissions.php # Permission configuration

├── reports.php # Reports configuration

├── notifications.php # Notification settings

├── api.php # API configuration

└── mongodb.php # MongoDB specific config

**📁 routes/ (Route Files)**

routes/

├── web.php # Enhance existing

├── auth.php # Enhance existing

├── admin.php # Admin routes

├── api.php # API routes

├── customer.php # Customer routes

├── supplier.php # Supplier routes

└── console.php # Enhance existing

**📁 database/ (Database Files)**

database/

├── migrations/

│ ├── 2024\_01\_01\_000001\_create\_categories\_collection.php

│ ├── 2024\_01\_01\_000002\_create\_suppliers\_collection.php

│ ├── 2024\_01\_01\_000003\_create\_products\_collection.php

│ ├── 2024\_01\_01\_000004\_create\_customers\_collection.php

│ ├── 2024\_01\_01\_000005\_create\_orders\_collection.php

│ ├── 2024\_01\_01\_000006\_create\_order\_items\_collection.php

│ ├── 2024\_01\_01\_000007\_create\_inventory\_collection.php

│ ├── 2024\_01\_01\_000008\_create\_stock\_movements\_collection.php

│ ├── 2024\_01\_01\_000009\_create\_payments\_collection.php

│ ├── 2024\_01\_01\_000010\_create\_invoices\_collection.php

│ ├── 2024\_01\_01\_000011\_create\_roles\_collection.php

│ ├── 2024\_01\_01\_000012\_create\_permissions\_collection.php

│ ├── 2024\_01\_01\_000013\_create\_settings\_collection.php

│ ├── 2024\_01\_01\_000014\_create\_notifications\_collection.php

│ └── 2024\_01\_01\_000015\_create\_audit\_logs\_collection.php

├── seeders/

│ ├── DatabaseSeeder.php # Enhance existing

│ ├── RoleSeeder.php # User roles

│ ├── PermissionSeeder.php # Permissions

│ ├── CategorySeeder.php # Product categories

│ ├── SupplierSeeder.php # Suppliers

│ ├── ProductSeeder.php # Products

│ ├── CustomerSeeder.php # Customers

│ ├── OrderSeeder.php # Sample orders

│ ├── InventorySeeder.php # Inventory data

│ └── SettingSeeder.php # System settings

└── factories/

├── CategoryFactory.php # Category factory

├── SupplierFactory.php # Supplier factory

├── ProductFactory.php # Product factory

├── CustomerFactory.php # Customer factory

├── OrderFactory.php # Order factory

└── InventoryFactory.php # Inventory factory

**📁 app/ (Backend Server Side)**

**Controllers**

app/Http/Controllers/

├── Admin/

│ ├── AdminController.php # Admin dashboard

│ ├── ProductController.php # Product CRUD

│ ├── CategoryController.php # Category management

│ ├── SupplierController.php # Supplier management

│ ├── InventoryController.php # Stock management

│ ├── OrderController.php # Order management

│ ├── CustomerController.php # Customer management

│ ├── ReportController.php # Reports & analytics

│ ├── UserController.php # User management

│ ├── RoleController.php # Role & permissions

│ ├── SettingsController.php # System settings

│ └── DashboardController.php # Dashboard data

├── Api/

│ ├── ProductController.php # Product API

│ ├── CategoryController.php # Category API

│ ├── InventoryController.php # Inventory API

│ ├── OrderController.php # Order API

│ ├── CustomerController.php # Customer API

│ ├── SupplierController.php # Supplier API

│ ├── ReportController.php # Reports API

│ └── AuthController.php # API authentication

├── Customer/

│ ├── ProductController.php # Customer product view

│ ├── OrderController.php # Customer orders

│ ├── ProfileController.php # Customer profile

│ └── CartController.php # Shopping cart

└── Supplier/

├── ProductController.php # Supplier products

├── OrderController.php # Supplier orders

└── DashboardController.php # Supplier dashboard

**Models**

app/Models/

├── User.php # Existing - enhance

├── Product.php # Product model

├── Category.php # Product category

├── Supplier.php # Supplier model

├── Customer.php # Customer model

├── Order.php # Order model

├── OrderItem.php # Order items

├── Inventory.php # Inventory tracking

├── StockMovement.php # Stock movements

├── StockAdjustment.php # Stock adjustments

├── Purchase.php # Purchase orders

├── PurchaseItem.php # Purchase items

├── Sale.php # Sales records

├── SaleItem.php # Sale items

├── Payment.php # Payment records

├── Invoice.php # Invoice model

├── Report.php # Report model

├── Notification.php # Notifications

├── Role.php # User roles

├── Permission.php # Permissions

├── Setting.php # System settings

├── AuditLog.php # Audit trail

└── PriceHistory.php # Price tracking

**Services**

app/Services/

├── ProductService.php # Product business logic

├── InventoryService.php # Inventory management

├── OrderService.php # Order processing

├── PaymentService.php # Payment processing

├── ReportService.php # Report generation

├── NotificationService.php # Notifications

├── AuditService.php # Audit logging

├── ExportService.php # Data export

├── ImportService.php # Data import

├── CacheService.php # Cache management

└── EmailService.php # Email notifications

**Repositories**

app/Repositories/

├── ProductRepository.php # Product data access

├── CategoryRepository.php # Category data access

├── SupplierRepository.php # Supplier data access

├── OrderRepository.php # Order data access

├── InventoryRepository.php # Inventory data access

├── CustomerRepository.php # Customer data access

├── UserRepository.php # User data access

└── ReportRepository.php # Report data access

**Requests**

app/Http/Requests/

├── Product/

│ ├── CreateProductRequest.php # Product creation validation

│ ├── UpdateProductRequest.php # Product update validation

│ └── BulkProductRequest.php # Bulk operations

├── Category/

│ ├── CreateCategoryRequest.php # Category creation

│ └── UpdateCategoryRequest.php # Category update

├── Supplier/

│ ├── CreateSupplierRequest.php # Supplier creation

│ └── UpdateSupplierRequest.php # Supplier update

├── Order/

│ ├── CreateOrderRequest.php # Order creation

│ └── UpdateOrderRequest.php # Order update

├── Inventory/

│ ├── StockAdjustmentRequest.php # Stock adjustment

│ └── StockTransferRequest.php # Stock transfer

└── User/

├── CreateUserRequest.php # User creation

└── UpdateUserRequest.php # User update

**Resources (API)**

app/Http/Resources/

├── ProductResource.php # Product API resource

├── CategoryResource.php # Category API resource

├── SupplierResource.php # Supplier API resource

├── OrderResource.php # Order API resource

├── InventoryResource.php # Inventory API resource

├── CustomerResource.php # Customer API resource

├── UserResource.php # User API resource

└── ReportResource.php # Report API resource

**Middleware**

app/Http/Middleware/

├── AdminMiddleware.php # Admin access control

├── SupplierMiddleware.php # Supplier access control

├── CustomerMiddleware.php # Customer access control

├── ApiKeyMiddleware.php # API authentication

├── RoleMiddleware.php # Role-based access

└── AuditMiddleware.php # Audit logging

**Jobs & Events**

app/Jobs/

├── ProcessOrderJob.php # Order processing

├── SendNotificationJob.php # Send notifications

├── GenerateReportJob.php # Report generation

├── UpdateInventoryJob.php # Inventory updates

├── SendEmailJob.php # Email sending

└── BackupDatabaseJob.php # Database backup

app/Events/

├── ProductCreated.php # Product events

├── OrderPlaced.php # Order events

├── InventoryUpdated.php # Inventory events

├── LowStockAlert.php # Stock alerts

└── UserRegistered.php # User events

app/Listeners/

├── SendOrderConfirmation.php # Order confirmations

├── UpdateInventoryListener.php # Inventory updates

├── SendLowStockAlert.php # Stock alerts

└── LogUserActivity.php # Activity logging