**Point of Sale (POS) System Documentation**

Introduction

The Point of Sale (POS) system is a comprehensive web application designed to streamline and enhance business operations by efficiently managing sales, inventory, and transactional data. This documentation serves as a guide to understanding the system's functionalities and its potential benefits for business owners and administrators.

System Setup

1. **Admin Setup:**
   * **Shop Details:** The system allows the administrator to input essential shop/company information such as business name, logo, address, business type, name, email and mobile number.
   * **Admin Credentials:** During setup, the system generates a secure random password for the administrator, which is linked to their provided email for initial access.
2. **Admin Authentication:**
   * **Login Process:** The administrator gains access to the system by providing the registered email address and the system-generated password.

Dashboard

* **Overview:** The dashboard provides a comprehensive snapshot of key business statistics, including but not limited to:
  + Total sales, purchases, current stock status, items with low or no stock, total number of sellers.

Main Functionalities

1. **Categories:**
   * **Category Management:** Administrators can manage product categories through options to create, view, edit, and delete categories.
   * **Category Association:** While adding products, administrators can conveniently assign products to specific categories for organized inventory management.
2. **Products:**
   * **Product Management:** Administrators can add new products with detailed specifications including name, code, available quantity, buying price, selling price, category association, and product images.
   * **Control Features:** The system offers complete control over product data, enabling CRUD (Create, Read, Update, Delete) operations for efficient product management.
3. **Purchase:**
   * **Record Purchase Details:** Allows the input of detailed information for purchased products, including:
     + Seller details (name, contact information), purchase date, bill number, total bill amount, individual product costs, quantity, attachment of bill files, due date, payment status, and method.
4. **Sale:**
   * **Sales Transaction Management:** Enables the creation of sales transactions with details such as:
     + Buyer information (name, contact), purchased product details (name, cost, quantity), total amount, payment status, and method.
5. **Stock:**
   * **Inventory Overview:** Provides a clear overview of the current stock status of products available within the system.
6. **Reports:**
   * **Reporting Tools:** Generates detailed reports offering insights into various aspects of business operations:
     + Purchase reports, sales reports, product-specific reports, and overall stock reports.
7. **Sellers:**
   * **Seller Management:** Provides functionality to add, view, edit, and delete seller details within the system.
8. **Account Settings:**
   * **Shop Details Management:** Allows administrators to manage shop-specific information such as business name, address, and logo for branding purposes.
9. **Privacy Settings:**
   * **Security Features:** Offers options for administrators to maintain system security:
     + Change password functionality and implementation of multi-level security measures for data protection.

Additional Information

* Diagrams, flowcharts, or supplementary materials may be included to provide a visual aid in understanding the system's functionalities and workflows.