Flipr - Software Internship Task

Objective:
Create an admin panel with features to manage customer details, purchase orders, and shipping information, along with a dashboard to visualize and filter the data.

Requirements:

1. **Admin Panel Features:**
   - **Login/Signup:** Users should be able to create an account or log in securely to access the admin panel.
   - **Customer Management:**
     - Add customer details including:
       - Customer Name
       - Email
       - Mobile Number
       - City
       - Customer ID (Auto-generated, unique)
   - **Purchase Order Management:**
     - Create purchase orders with the following details:
       - Product Name
       - Quantity
       - Pricing
       - MRP
       - Purchase order ID (Auto-generated, unique)
       - Customer ID (Linked to customer details)
   - **Shipping Details Management:**
     - Add shipping details including:
       - Address
       - City
       - Pincode
       - Purchase order ID (Linked to purchase order)
       - Customer ID (Linked to customer details)
   - **Filtering:** Provide a filter to retrieve customer details based on the city.
2. **Dashboard:**
   - Display all entered details including customer information, purchase orders, and shipping details.

- Allow users to filter data based on city which should display all the purchase order of that particular city
- Create a tab/filter to show the history of customers order details.

Technical Considerations:

- Use appropriate technologies for frontend and backend development.
- Ensure data validation and error handling mechanisms.
- Implement secure authentication for user access.
- Use auto-generation and uniqueness constraints for IDs.
- Design a user-friendly interface for easy data entry and visualisation.

Evaluation Criteria:

Candidates will be evaluated based on the following criteria:

- Functionality: Completeness and correctness of implemented features.
- User Experience: Intuitiveness and responsiveness of the admin panel and dashboard.
- Code Quality: Clarity, modularity, and efficiency of code.
- Data Management: Proper handling of customer details, purchase orders, and shipping information.
- Filtering Mechanism: Accuracy and efficiency of the filtering feature.
- Documentation: Clarity and completeness of code comments and documentation.

Note:

Candidates are encouraged to use suitable frameworks and technologies according to their preference and expertise.