Project Plan Group D:

1. **Database Design and Setup: Mysql**
   * Design the database schema considering entities such as products, purchases, sales, users, etc.
   * Choose a suitable database management system (MySQL) and set up the database.
   * Implement scripts or migrations to create tables, define relationships, and populate initial data if necessary.
2. **Product Management Module: (Python)**
   * Develop functionalities to add, update, and delete products.
   * Implement features for product categorization, attributes, and inventory levels tracking.
   * Design a user-friendly interface for managing products.
3. **Purchase Management Module:(Python)**
   * Develop features to manage the purchase process including creating purchase orders, receiving goods, and updating inventory levels.
   * Implement functionalities to track supplier information, purchase history, and payment details.
   * Integrate with the product management module to update inventory upon receiving goods.
4. **Sales Management Module:(python)**
   * Develop functionalities for creating sales orders, invoicing, and processing payments.
   * Implement features for managing customer information, sales history, and order status tracking.
   * Integrate with the product management module to update inventory upon sales.
5. **User Management Module:(python)**
   * Develop features for adding, updating, and deleting users/staff.
   * Implement user roles and permissions to control access to different modules and functionalities.
   * Design authentication and authorization mechanisms to secure the system.