**DBMS Project Proposal**

**Title: Ecommerce Website**

**Members:**

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**Introduction:**

This project is aimed to create a fully functional ecommerce website. This website is a clone of any big ecommerce brand like “Daraz”, This website will perform the basic functions of register, login, buy, review, and other functions. There can be multiple users to the system. They will be identified through their email id. The users include customers, employees, managers, vendors, suppliers.

A customer will be able to perform the functions of a user, an employee can perform functions of an employee, a vendor can perform functions of an employee, etc.

**Features:**

1. **Create Accounts:** Users can create accounts.
2. **Contact Details:** Users can store their email and phone number.
3. **Address:** Users can add one or more shipping addresses to their account.
4. **Payment Method:** Users can add one or more payment method.
5. **Products:** Website can Store large numbers of products.
6. **Categories:** Each product belongs in a category, and categories can belong to other categories.
7. **Product Variations:** Each product and have different variations.
8. **Number in Stock:** Number of available items of the product remaining in the stock.
9. **Shopping cart:** visitors can add one or more product to their shopping cart. Shopping carts are not saved unless the user is logged in.
10. **Payment details for order:** User needs to add payment details and address details.
11. **Shipping Method:** A user can select a shipping method from a list of shipping methods
12. **Order status:** The order and shipping process follows several stages once the order is placed such as processing, delivery in process and delivered.
13. **Reviews:** Users can leave a review for product they have purchased.
14. **Promotion:** The website allows for promotion of sales to be run.
15. **Discount:** Users are given special discount on their voucher codes.
16. **Order of items:** User can use order on the items such as low to high or new to old.
17. **Filters on price:** User can use filters on the prices such as put a range for price.
18. **Different views:** There are different views for employee and customer and etc.
19. **Product listing:** Vendors can list the product.
20. **Banning:** Company can ban bad vendors and customers.

**Tools and Technologies**

**Back – End:**

* **DBMS:** PHP MyAdmin
* **Library/Framework:** Flask
* **Language:** Python/ JavaScript
* **Hosting:** AWS or AZURE

**Front – End:** CSS/ HTML/ JavaScript/ Bootstrap