Department of Computer Science

Project Proposal Fall 25-26

Course Title	Web Technologies	Section	U	#Group	

Group Member

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Project Title:

Pawfect Pals – "Everything Your Pet Deserves"

Short Description:

Pawfect Pals is a web-based e-commerce platform for pet owners to purchase pet food, toys, accessories, and grooming supplies online. Customers can place orders and track the delivery status of their products. The system also enables delivery staff to manage and update deliveries to ensure timely order fulfillment. Overall, the platform is designed to be user-friendly, visually appealing, and efficient, making online shopping convenient and reliable for pet owners.

Type of user: 1. Admin, 2. Customer, 3. Delivery Staff

Common Features (Available to All Users)

- **Authentication**
    1. Login to the system
    2. Logout from the system
    3. User registration
- **Account Management**
    1. Change or reset password
    2. Manage profile information (view, edit, delete)
- **Dashboard**
    1. Access a personalized dashboard after login

Specific Features by User Type

- **Features of Admin**
    1. Manage users (customers and delivery staff)
    2. Manage product listings and inventory
    3. Monitor all orders, deliveries, and system activity
    4. Generate sales and inventory reports
- **Features of Customer**
    1. Browse pet products by category (food, medicine, toys, accessories)
    2. Add products to cart and place orders
    3. View order history and track delivery status
    4. Search products using keywords
- **Features of Delivery Staff**
    1. View assigned delivery orders
    2. Update delivery status (Pending, Out for Delivery, Delivered)
    3. View delivery history and order details
    4. Filter orders by date or location

N.B: Each user type must have at least 3 distinct features different from the others. Additional features may be added if desired.