Report on Innovative Design Thinking: Pet Butler

1. Problem Statement: Pet owners often face challenges balancing busy schedules with caring for their pets. Traditional solutions like hiring sitters are costly or unreliable, leaving owners anxious about their pets' well-being. A need exists for a streamlined, trustworthy service to handle pet care when owners are away.

2. Learning Outcome: Through the Pet Butler project, students have: Enhanced problem-solving skills by tackling a common issue for pet owners. Learned how to conduct research and understand user needs. Gained experience in creating and refining solutions through prototyping. Developed teamwork and collaboration skills essential for innovation.

3. Long-Term Goal: The Pet Butler website aims to be a go-to platform for all pet care needs by: Building a network of trusted pet caretakers. Offering features like health tracking, emergency care, and real-time updates. Partnering with local pet stores and clinics for exclusive services.Incorporating AI and IoT to personalize and monitor pet care, making services globally affordable and reliable.

4. Solution: Personalized Pet Profiles for dietary and medical preferences.On-Demand Pet Services like sitters, walkers, and vets.Real-Time Updates with GPS tracking and photos. Easy Scheduling and Payment with secure transactions. Emergency Care available 24/7. Ratings and Reviews to promote trust and transparency. This platform revolutionizes pet care, ensuring pets are well-cared for even when owners are away.

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