

Internship project

On

# **PET ACCESSORIES ECOMMERCE PLATFORM**

**Submitted**

In the partial fulfilment of the internship

Requirements for the role of

**SOFTWARE ENGINEER**

*At*

**WORKCOHOL**

**by**

Akhil kumar dimmu

# **WORKCOHOL**

**Workcohol Solutions Private Limited**

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## DECLARATIION

We hered by declare that project titled “**PET ACCESSORIES ECOMMRCE PLATFORM**”  
Is the result of our independent efforts and has been developed during our internship at  
**WORKCOHOL**. this project was understand as part of our professional traning to gain practical  
exposure and experience in building real-web-based aplications.

The information presented in this report is based on the knowledge acquired during the  
internship, self-guiding learing,and technical implemention. All data,resource,and reference

Used in this project have been acknowledged appropriately,and due creadit has been wheever  
required.

We affirm this report has not been submitted previously to any other organization or  
institution for any academical evalution . It represents our original work and reflects our  
understanding of he technologies and methodologies involved.

**Name of the students:**

Akhil kumar dimmu.

## **CERTIFICATE**

This is to certify that the project report entitled **"PET ACCESSORIES ECOMMRECE PLATFORM"** has been sucesfully completed by **MR.AKHIL KUMAR DIMMU** As the part of their internship at **WORKCOHOL.**

# **Pet Accessories Ecommerce Platform - Project Documentation**

## **Chapter 1: Introduction**

This project is an ecommerce platform specifically designed for pet accessories. It aims to provide a smooth and intuitive shopping experience for pet owners.

Objectives:

- User-friendly platform
- Search and order tracking features
- Admin management tools

## **Chapter 2: Technology Stack**

Frontend: HTML, CSS, JavaScript, Bootstrap/Tailwind CSS

Backend: Python with Django

Database: SQLite (or MySQL/PostgreSQL depending on choice)

Django was chosen for its powerful built-in features and scalability.

## **Chapter 3: System Architecture**

The project follows Django's MVC (Model-View-Controller) architecture.

Models define the structure of the database.

Views handle logic and pass data to templates.

Templates render the frontend interface.

## **Chapter 4: Frontend Design and UX**

# **Pet Accessories Ecommerce Platform - Project Documentation**

- Responsive design using Bootstrap or Tailwind
- Navigation: Home -> Product -> Cart -> Checkout
- Key pages: Home, Product Detail, Cart, Admin Dashboard

## **Chapter 5: Backend and Database Design**

Models: User, Product, Category, Cart, Order, Review

Views are responsible for handling requests and logic.

Templates are used for rendering HTML content.

Authentication: Django's built-in system is used.

## **Chapter 6: Features Implementation**

- Cart system allows users to add/remove items.
- Orders placed go to order history and notify admin.
- Search allows keyword filtering of products.
- Review and rating system by authenticated users.
- Order tracking and admin dashboard for management.

## **Chapter 7: Testing**

Manual Testing:

- Navigation and responsiveness checks

Functional Testing:

- Form validations, order placements, search feature

## **Chapter 8: Conclusion & Future Work**

# **Pet Accessories Ecommerce Platform - Project Documentation**

## Summary:

- Completed a fully working ecommerce platform

## Challenges:

- Responsive UI, backend logic, handling edge cases

## Future Work:

- Add payment gateway
- AI-based recommendations
- PWA support