

## E-Commerce Project Proposal (360)

### Team Members and Roles

#### **Immanuel Wiessler- Full Stack developer**

**Responsibilities:** Developing system design, web page UI, and user flow

#### **Manjot Singh- Full Stack Developer**

**Responsibilities:** Developing client-side validation, responsiveness, and developing back-end server process

#### **Keeran Naidu - Full Stack Developer**

**Responsibilities:** Developing system design, web page UI, and user flow

### Project Description and Details

#### **Overview**

The project is a groundbreaking e-commerce platform dedicated to selling and distributing highly trained service dinosaurs. By leveraging advanced biotechnology and precision training methods, we aim to provide individuals with specialised prehistoric companions that offer support, security, and enhanced daily functionality. The site will allow users to browse available dinosaurs, learn about their capabilities, purchase or apply for a dinosaur, and receive guidance on proper care and handling. A functional (pseudo)order system and user testimonials will be key features of the site.

### Requirements List

#### **User Roles & Capabilities**

##### **i) General Visitors (Unregistered Users)**

- Browse available dinosaurs with images, descriptions, and capabilities
- View educational blog posts about dinosaur training and history
- Contact support and sellers via email.

##### **ii) Registered Customers**

- Create and manage an account
- Add dinosaurs to a wishlist or shopping cart
- Purchase dinosaurs and select delivery preferences
- Leave reviews and ratings for their dinosaurs
- Access training guides and dinosaur maintenance tips
- Contact customer support.

##### **iii) Sellers**

- Create, edit and remove dinosaur listings.
- Track orders and manage invoices.
- Generate and view sales reports.
- Contact seller support.

##### **iv) Admin**

- Manage inventory of dinosaurs (add/remove/update listings)
- Review and approve user-generated testimonials
- Handle customer support requests
- Generate and view reports on performance data and analytics.

### Core Features

- User Authentication and Profile Management
- User creation

- Shopping Cart and secure checkout
- Wishlist functionality
- Mobile-friendly responsive design
- Reviews

## **Proposed Web Application Design**

### **Site Structure & Navigation**

#### **1. Home Page**

- Navigation Menu: Links to "Home," "Shop Dinosaurs," "About Us," "Testimonials," and "Contact Us"
- Featured Dinosaurs: Showcase the most popular dinosaurs available for adoption
- Customer Testimonials: Display positive experiences from past customers

#### **2. Shop Page**

- Dinosaur Listings: Grid-style display of service dinosaurs with filters (size, temperament, abilities)
- Product Pages: Each dinosaur will have a detailed description, price, care guide, and an "Adopt Now" button
- Leave feedback (if said the user has adopted dinosaur)

#### **3. User Account Dashboard**

- Profile Information: Name, email, preferred dinosaur type
- Order History: View past dinosaur purchases and adoption status
- Wishlist: Save dinosaurs for future consideration
- Past orders, on-going orders, invoices (sellers only)

#### **4. Checkout & Payment System**

- Secure Payment Processing: Credit/debit cards, PayPal, and "Dino Financing" plans (mocks)
- Order Confirmation Page: Display purchase details and estimated delivery time

#### **5. Contact & Support Page**

- Support Ticket System: Users can submit inquiries for adoption issues
- FAQ Section: Answers to common questions about caring for service dinosaurs

#### **Login/Logout Page**

- If the user has an account, they log into our website. If not, they will be given a signup notification. Successful logins will redirect the user to the Homepage.

#### **Sign Up Page**

- The user will enter information to create their account.

#### **HomePage**

- It has a navigation bar on the top. It will have links that redirect the user to the respective page.

#### **Shopping Cart and Checkout**

- All Dinosaurs you want to buy will be listed on this page. If you are satisfied with the number of Dinosaurs you want to purchase, you can press checkout and you pay for your order.

#### **Shopping Dinosaurs**

- All of our Dinosaurs will be displayed here. Here our sellers can upload their created Dinosaur listings. Our Dinosaurs will be sorted by using different filters.