WEBSITE FOR AQUARIUM WORLD
MINI PROJECT REPORT

ABSTRACT

"Our Aquarium World" is an interactive web platform designed to serve both the company and aquarium enthusiasts. The website offers a comprehensive experience where users can **learn about various aquarium fishes**, **shop for aquarium products**, and even **apply for fish adoption**. To enhance user engagement, it also provides options to **book online tickets** for visiting the aquarium and **schedule services** like aquarium cleaning and fixing, provided by the *Our Aquarium World* team.

The website incorporates a **login and sign-up system** developed using **HTML, CSS, JavaScript, Python (Flask)**, and **MongoDB** for user authentication. Users must log in to access all features, with login primarily serving to track user interactions rather than customizing content, as all features remain common for every user.

For efficient management, the platform includes dedicated **Ticket Admin** and **Shop Admin** pages, enabling administrators to handle bookings, sales, and ticket distributions seamlessly.

Developed using **HTML, CSS, Bootstrap, PHP, AJAX**, and **Python (Flask)**, the website offers dynamic content updates and a user-friendly interface. This project not only supports the operations of *Our Aquarium World* but also creates a hub for aquarium enthusiasts to explore, shop, and interact with the aquatic world.

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Chapter 1: Introduction

1.1 Project Overview

The project **"Our Aquarium World"** is an interactive, multi-functional web application developed to serve as a comprehensive platform for aquarium enthusiasts, hobbyists, and businesses. The website bridges the gap between aquarium service providers and users by offering a wide range of features, including educational resources on aquarium fish, an e-commerce platform for aquarium products, fish adoption services, online ticket booking for aquarium visits, and maintenance service scheduling.

This platform aims to enhance the user experience by providing a one-stop solution for all aquarium-related needs. Built using modern web technologies such as **HTML**, **CSS**, **Bootstrap**, **JavaScript**, **PHP**, **Python (Flask)**, and supported by **MySQL** and **MongoDB** databases, the project ensures a robust, secure, and scalable architecture.

A key aspect of the platform is its focus on user management, achieved through a secure **login and signup** system. This ensures that users can access all features while the system keeps track of user activities for better personalization and security.

1.2 Purpose of the Project

The primary goal of **"Our Aquarium World"** is to create a centralized platform where aquarium enthusiasts can explore, learn, shop, and interact with aquarium-related services and products. The project is designed to serve both **users** and **administrators** by streamlining the management of aquarium-related activities.

Key Purposes:

- **Educational Resource:** To provide a platform where users can learn about different types of aquarium fish, their habitats, feeding habits, and care tips.
- **Commercial Platform:** To facilitate the purchase of aquarium-related products, accessories, and supplies through a secure and user-friendly shopping experience.
- **Adoption Services:** To offer fish adoption services, promoting ethical and responsible fish keeping.
- **Service Booking:** To enable users to book professional aquarium maintenance services like cleaning and repair.
- **Visitor Engagement:** To simplify the process of booking tickets for visiting the aquarium through an easy-to-use online ticketing system.
- **Community Building:** To bring together aquarium enthusiasts and provide them with a common platform to interact and share knowledge.

The project not only caters to individual users but also supports the administrative side of the aquarium, enabling efficient management of products, services, and users.

1.3 Scope of the Project

The scope of **"Our Aquarium World"** is broad, encompassing various modules that cater to different user needs. The system is designed to be **modular**, **scalable**, and **user-centric**, ensuring that it can be expanded in the future to include more features.

Features Covered Under Scope:

1. **User Authentication & Management:**
    - Secure registration and login system using **Flask** and **MongoDB**.
    - Role-based access for users and administrators.
    - User session management and password recovery options.
2. **Educational Resources:**
    - Detailed profiles of various aquarium fish species.
    - Information on fish care, feeding, and habitat maintenance.
3. **E-commerce Platform:**
    - Online shop for purchasing aquarium products and accessories.
    - Product categorization, search, and filtering options.
    - Shopping cart, checkout process, and order management.
4. **Fish Adoption System:**
    - Adoption listings with fish profiles and adoption requirements.
    - Application forms for users to apply for fish adoption.
5. **Online Ticket Booking:**
    - Ticket booking system for aquarium visits.
    - Digital ticket generation and booking confirmation.
6. **Service Scheduling:**
    - Booking services like aquarium cleaning, repair, and installation.
    - Service calendar and time-slot selection.
7. **Admin Management Panels:**
    - Product, ticket, and service management dashboards.
    - User and order management.
    - Issue tracking and resolution system.
8. **Responsive Web Design:**
    - Mobile-friendly interface using **Bootstrap**.
    - Cross-browser and multi-device compatibility.
9. **Database Integration:**
    - **MySQL** for structured data like products, orders, and services.
    - **MongoDB** for unstructured data and user authentication.

10. **Dynamic User Experience:**
- **AJAX** for real-time updates without page reloads.
- Interactive UI elements and smooth navigation.

Out of Scope (for Current Version):

- Real-time chat support or forums.
- Integration of payment gateways for online transactions.
- Advanced AI-based recommendations for products or fish.
- Mobile app version of the platform.

1.4 Objectives

The key objectives of the **"Our Aquarium World"** project are:

Primary Objectives:

1. **To Educate Users:**
    - Provide a platform where users can learn about aquarium fish, their care, and maintenance.
2. **To Simplify Aquarium Shopping:**
    - Enable users to purchase aquarium-related products conveniently through a feature-rich e-commerce system.
3. **To Promote Ethical Fish Adoption:**
    - Encourage users to adopt fish responsibly, providing them with all necessary guidelines and information.
4. **To Facilitate Service Bookings:**
    - Allow users to book professional aquarium maintenance services with ease.
5. **To Enhance Visitor Experience:**
    - Simplify ticket booking for aquarium visits, making the process quick and user-friendly.
6. **To Secure User Interactions:**
    - Implement robust authentication systems to ensure user data security and privacy.

Secondary Objectives:

1. **To Support Business Operations:**
    - Provide administrators with efficient tools to manage products, services, users, and orders.
2. **To Build a Scalable Platform:**

    - Develop the system in a modular way that allows future expansions and feature additions.
3. **To Ensure User Satisfaction:**
    - Create an intuitive, aesthetically pleasing interface that enhances user engagement.
4. **To Foster a Community:**
    - Build a platform that encourages aquarium enthusiasts to connect, share knowledge, and grow together.

This chapter provides a clear understanding of the project's goals, its intended audience, and the functionalities it aims to deliver. The next chapter will delve deeper into **System Analysis**, discussing the existing system, proposed solutions, and system requirements.

Chapter 2: System Analysis

2.1 Existing System

In the current market, aquarium-related services and information are typically scattered across various platforms, leading to fragmented user experiences. Many businesses in the aquarium industry still rely on traditional or semi-digital systems that lack integration and efficiency.

Common Features of Existing Systems:

- **Manual Operations:**
    - Ticket bookings, service requests, and fish adoption often require in-person visits or phone calls.
    - Paper-based forms are still used in many aquariums for adoption applications and service scheduling.
- **Isolated Online Services:**
    - Some aquariums have simple websites that provide basic information but lack interactive features.
    - E-commerce platforms for aquarium products are often hosted separately, leading to disjointed user experiences.
- **Minimal User Interaction:**
    - Existing websites typically offer limited user engagement, with few interactive elements.
    - Lack of dynamic content such as real-time product updates or service availability.
- **Limited Administrative Control:**
    - Administrators often rely on multiple tools to manage products, services, tickets, and user data.

- No centralized dashboard for overseeing the entire system.

Challenges in the Existing System:

1. **Inefficiency:**
   - Users have to switch between multiple platforms for purchasing products, booking tickets, or accessing services.
   - Manual processing leads to delays and errors.
2. **Limited Accessibility:**
   - Absence of online booking options for tickets or services restricts user convenience.
   - Lack of mobile-responsive designs makes websites difficult to navigate on smartphones and tablets.
3. **Data Management Issues:**
   - Manual record-keeping increases the risk of data loss and inaccuracies.
   - No real-time tracking of user activities or service bookings.
4. **User Engagement Deficit:**
   - Few or no features to engage users beyond basic information sharing.
   - Lack of personalization in user interactions.

2.2 Proposed System

The **"Our Aquarium World"** web application addresses the shortcomings of existing systems by offering a **comprehensive, integrated, and user-friendly platform** for both users and administrators.

Key Features of the Proposed System:

1. **Unified Platform:**
   - Combines educational resources, e-commerce, ticket booking, fish adoption, and service scheduling within a single website.
2. **Dynamic User Interface:**
   - Built with **HTML**, **CSS**, **Bootstrap**, and **JavaScript** for an interactive and responsive design.
   - Enhanced user experience with **AJAX** for real-time updates without page reloads.
3. **Secure User Authentication:**
   - User registration and login system built with **Flask** and **MongoDB**.
   - Ensures data security and user session management.
4. **E-commerce Integration:**
   - Online store for aquarium products managed through **PHP** and **MySQL**.
   - Features like product search, filters, shopping cart, and secure checkout.

5. **Fish Adoption Portal:**
    - Online applications for fish adoption, complete with fish profiles and care guidelines.
    - Administrators can review and approve applications.
6. **Service Scheduling:**
    - Users can book aquarium services like cleaning and repair directly through the website.
    - Real-time availability updates and booking confirmations.
7. **Online Ticket Booking:**
    - Digital ticketing system for aquarium visits.
    - Users can select dates, time slots, and receive e-tickets.
8. **Admin Management Panels:**
    - Separate dashboards for managing products, users, orders, tickets, and service bookings.
    - Tools for tracking user activity, resolving issues, and updating content.

Advantages of the Proposed System:

- **All-in-One Solution:** Integrates multiple services into a single platform.
- **Improved Efficiency:** Automates manual processes and reduces administrative workload.
- **Enhanced User Experience:** Responsive design with real-time interactions.
- **Data Security:** Robust authentication and secure data management.
- **Scalability:** Modular design allows for future feature additions and system upgrades.

2.3 System Requirements

To develop, deploy, and maintain the **"Our Aquarium World"** platform effectively, specific hardware and software requirements are necessary for both development and end-user environments.

2.3.1 Hardware Requirements

For Development Team:

- **Processor:** Intel Core i5 or higher / AMD Ryzen 5 or higher
- **RAM:** 8 GB minimum (16 GB recommended)
- **Storage:** 500 GB HDD or 256 GB SSD (for faster performance)
- **Display:** Full HD (1920x1080) or higher resolution for better UI/UX development
- **Network:** High-speed internet connection for code repositories and online testing

For Server Deployment:

- **Processor:** Quad-core CPU (Intel Xeon or equivalent)
- **RAM:** 16 GB minimum (for handling concurrent users)
- **Storage:** 1 TB SSD (for better read/write speeds)
- **Network:** High-bandwidth internet with 99.9% uptime for seamless accessibility
- **Hosting Environment:** Apache Server using **XAMPP** stack

For End Users:

- **Device:** Desktop, Laptop, Tablet, or Smartphone
- **Browser:** Latest versions of Chrome, Firefox, Safari, or Microsoft Edge
- **Network:** Stable internet connection (minimum 2 Mbps)

2.3.2 Software Requirements

For Development:

- **Frontend Technologies:**
  - **Languages:** HTML5, CSS3, JavaScript
  - **Frameworks/Libraries:** Bootstrap (for responsive design), AJAX (for dynamic content)
- **Backend Technologies:**
  - **Languages:** PHP (for server-side scripting), Python (Flask) (for API integration)
  - **Web Server:** Apache (via **XAMPP**)
  - **API Development:** Flask-based APIs for user authentication and data management
- **Database Management:**
  - **MySQL:** For structured data like products, orders, and services
  - **MongoDB:** For dynamic and user-related data (authentication, sessions)
- **Development Tools:**
  - **IDE/Text Editor:** Visual Studio Code, Sublime Text, or PHPStorm
  - **Version Control:** Git and GitHub for collaborative development
  - **API Testing:** Postman for testing Flask API endpoints
- **Design & Prototyping Tools:**
  - Figma, Adobe XD, or Sketch for UI/UX design (optional)

For Deployment:

- **Server Stack:**
  - **XAMPP:** Includes Apache, MySQL, and PHP for local development and testing
  - **Flask Environment:** For handling user authentication and API calls

For Testing:

- **Cross-Browser Testing:** Chrome, Firefox, Safari, Edge
- **Automation Tools:** Selenium (for automated testing)
- **Manual Testing:** Test cases for UI/UX, functionality, and performance

2.4 Feasibility Study

A feasibility study evaluates whether the proposed system is viable in terms of cost, time, technology, and user acceptance.

1. Technical Feasibility:

- The project uses widely adopted technologies like **HTML**, **CSS**, **JavaScript**, **PHP**, and **Flask**, ensuring ease of development and integration.
- **XAMPP** simplifies the backend setup with **Apache**, **MySQL**, and **PHP**, while **Flask** handles user authentication efficiently.
- The responsive design ensures accessibility across devices.

2. Operational Feasibility:

- The system is designed to streamline operations for both users and administrators.
- Users can easily navigate the website for shopping, ticket booking, service scheduling, and fish adoption.
- Admin panels allow for efficient management of products, users, and services.

3. Economic Feasibility:

- Open-source tools and frameworks (like **XAMPP**, **Flask**, **Bootstrap**) reduce development costs.
- Maintenance costs are minimized due to the use of scalable and modular architectures.
- Potential for future monetization through e-commerce and ticket sales.

4. Schedule Feasibility:

- The project follows a phased development approach with clear milestones for design, development, testing, and deployment.
- Realistic timelines are set to ensure the project is delivered on time.

This detailed **System Analysis** highlights the limitations of existing systems, the advantages of the proposed solution, and the technical and operational requirements needed for successful implementation.

Chapter 3: Tools & Technologies Used

This chapter provides an in-depth explanation of the tools, languages, frameworks, and platforms used in developing the **"Our Aquarium World"** website. The choice of these technologies ensures an efficient, scalable, and interactive platform that offers an engaging experience for users while simplifying management tasks for administrators.

3.1 HTML (HyperText Markup Language)

HTML is the backbone of the website, structuring the content and defining the layout of web pages. It allows the creation of headings, paragraphs, images, links, forms, and more.

- **Purpose in the Project:**
  - Structure the website's content.
  - Design forms for login/signup, fish adoption applications, ticket bookings, and service scheduling.
  - Integrate multimedia content (images/videos) for educational purposes about aquarium fishes.
- **Key Features Used:**
  - Semantic HTML elements (<header>, <nav>, <section>, <footer>) for better readability.
  - Form elements (<form>, <input>, <button>) for user interactions.
  - Multimedia integration (<img>, <video>) to display aquarium-related content.

3.2 CSS (Cascading Style Sheets)

CSS is used to style the HTML content and enhance the visual appeal of the website. It ensures that the site is attractive, user-friendly, and responsive across different devices.

- **Purpose in the Project:**
  - Create a consistent look and feel throughout the website.
  - Customize layouts, colors, fonts, and buttons.
  - Implement responsive design for optimal viewing on desktops, tablets, and smartphones.
- **Key Features Used:**
  - Flexbox and Grid Layouts for flexible, responsive designs.
  - Media Queries for device-specific styling.
  - Animations and transitions to enhance user engagement.

3.3 Bootstrap

Bootstrap is a front-end framework that simplifies responsive web design through pre-built components and utilities.

- **Purpose in the Project:**
    - Ensure a mobile-first, responsive design.
    - Quickly implement UI components like navigation bars, modals, forms, and carousels.
- **Key Features Used:**
    - Responsive grid system to create adaptable layouts.
    - Pre-styled components (buttons, cards, navbars, alerts).
    - Utility classes for spacing, colors, and typography.

3.4 JavaScript

JavaScript is a client-side scripting language used to add interactivity and dynamic content to the website.

- **Purpose in the Project:**
    - Enhance user interactions without requiring page reloads.
    - Validate user inputs in forms (e.g., login/signup, fish adoption forms).
    - Implement dynamic elements like carousels, dropdowns, and modals.
- **Key Features Used:**
    - DOM Manipulation to update page content dynamically.
    - Event Handling for user actions (clicks, form submissions).
    - Asynchronous requests using **AJAX** for a smoother user experience.

3.5 PHP (Hypertext Preprocessor)

PHP is a server-side scripting language used to handle backend processes and manage server-client communications.

- **Purpose in the Project:**
    - Handle form submissions and process user inputs.
    - Manage e-commerce functionalities (shopping cart, checkout).
    - Communicate with the **MySQL** database for product listings, ticket bookings, and service scheduling.
- **Key Features Used:**
    - Session management for maintaining user states.
    - Secure data handling (input sanitization and validation).

    - Dynamic page generation based on database content.

3.6 Python (Flask)

Flask is a lightweight Python web framework used primarily for the user authentication system in this project.

- **Purpose in the Project:**
    - Build the login and signup functionality.
    - Manage user sessions and authentication securely.
    - Handle issue reporting and user-related data using **MongoDB**.
- **Key Features Used:**
    - Flask routes for handling user authentication flows.
    - Integration with **MongoDB** for storing user credentials and sessions.
    - Implementation of form validation and error handling.

3.7 MongoDB

MongoDB is a NoSQL database used to manage user-related data for the authentication system.

- **Purpose in the Project:**
    - Store user credentials, profiles, and activity logs.
    - Handle dynamic data storage for user sessions.
- **Key Features Used:**
    - Document-based data model for flexible data storage.
    - Integration with Flask using **PyMongo**.
    - Secure data storage with encryption for sensitive user information.

3.8 MySQL

MySQL is a relational database used to store structured data related to products, services, and bookings.

- **Purpose in the Project:**
    - Manage e-commerce data (products, orders, inventory).
    - Store ticket bookings, service schedules, and fish adoption applications.
    - Enable data retrieval for dynamic content display.
- **Key Features Used:**
    - Structured tables for different modules (users, products, tickets, services).
    - Relationships between tables to manage user orders and bookings.
    - Use of **SQL** queries for CRUD (Create, Read, Update, Delete) operations.

3.9 XAMPP

XAMPP is a free and open-source cross-platform web server solution stack package that includes **Apache**, **MySQL**, **PHP**, and **Perl**. It serves as the local development environment for the project.

- **Purpose in the Project:**
    - Provide a local server environment for PHP and MySQL development.
    - Run and test the web application during the development phase.
- **Key Features Used:**
    - **Apache** as the local web server.
    - **MySQL** database integration.
    - PHP module for server-side scripting.

3.10 Development Tools

These tools and software were used to streamline development, testing, and collaboration:

- **Visual Studio Code (VS Code):**
    - Main code editor with extensions for HTML, CSS, JavaScript, PHP, and Python.
    - Git integration for version control.
- **Git & GitHub:**
    - Version control system for tracking changes in code.
    - Facilitated collaboration and code backup.
- **Postman:**
    - API testing tool to verify Flask-based user authentication endpoints.
- **Browser Developer Tools:**
    - Used for debugging frontend code and testing website responsiveness.
- **Figma/Adobe XD:** (optional)
    - For UI/UX design prototypes and wireframes.
- **XAMPP Control Panel:**
    - Managing Apache and MySQL services during development.

This chapter highlights the diverse tools and technologies that made the **"Our Aquarium World"** project possible, ensuring a seamless blend of aesthetics, functionality, and performance.

Chapter 4: System Design

This chapter outlines the system design of the **"Our Aquarium World"** website, including its architecture, database structure, user interface, and functional modules. The design ensures a robust, scalable, and user-friendly platform that meets the needs of both users and administrators.

4.1 System Architecture

The system architecture follows a **client-server model** with a **multi-tiered structure**, ensuring a clear separation of concerns between the presentation, logic, and data layers.

Architecture Overview:

- **Client-Side (Frontend):**
  - Built using **HTML**, **CSS**, **Bootstrap**, **JavaScript**, and **AJAX**.
  - Responsible for presenting data, capturing user inputs, and providing an interactive experience.
  - AJAX enables asynchronous requests, improving user experience by reducing page reloads.
- **Server-Side (Backend):**
  - **PHP** handles the main website functionalities, including e-commerce, fish adoption, ticket booking, and service scheduling.
  - **Python (Flask)** manages user authentication and issue handling, interacting with **MongoDB** for user-related data.
- **Database Layer:**
  - **MySQL** is used for structured data like product inventories, ticket bookings, and service schedules.
  - **MongoDB** manages unstructured data, primarily handling user authentication and session management.

System Flow:

1. **User Request:** Users interact with the website through the frontend.
2. **AJAX Calls:** Data is sent asynchronously to the backend (PHP/Flask) without full page reloads.
3. **Backend Processing:** The server processes the request and interacts with the appropriate database (MySQL or MongoDB).

4. **Response:** The server returns the processed data to the frontend, which dynamically updates the page content.

4.2 Database Design

The project uses both **MySQL** and **MongoDB** to manage different types of data.

	Table	Action						
☐	adopted_people	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	adoption_applications	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	categories	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	contact_messages	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	orders	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	payments	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	pets	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	products	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	species	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	suggestions	☆	Browse	Structure	Search	Insert	Empty	Drop
☐	videos	☆	Browse	Structure	Search	Insert	Empty	Drop
	11 tables	Sum						

4.2.1 MySQL Database Schema:

Designed to handle structured data for e-commerce, ticketing, services, and fish adoption.

Key Tables:

1. **Products:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		
3	img_url	varchar(500)	utf8mb4_general_ci		No	None		
4	description	text	utf8mb4_general_ci		No	None		
5	detailed_description	text	utf8mb4_general_ci		No	None		
6	prize	decimal(10,2)			No	None		
7	category_id	int(11)			No	None		
8	qr_url	varchar(100)	utf8mb4_general_ci		Yes	NULL		

2. **Orders:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	product_id	int(11)			No	None		
3	prize	decimal(10,2)			No	None		
4	name	varchar(255)	utf8mb4_general_ci		No	None		
5	email	varchar(255)	utf8mb4_general_ci		No	None		
6	contact1	varchar(20)	utf8mb4_general_ci		No	None		
7	contact2	varchar(20)	utf8mb4_general_ci		Yes	NULL		
8	address	text	utf8mb4_general_ci		No	None		
9	payment_mode	enum('online','COD')	utf8mb4_general_ci		No	None		
10	payment_status	enum('Pending','Paid','COD')	utf8mb4_general_ci		No	Pending		
11	created_at	timestamp			No	current_timestamp()		
12	proof_link	varchar(500)	utf8mb4_general_ci		Yes	NULL		

3. **Adopted_people::**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		
3	image	varchar(255)	utf8mb4_general_ci		No	None		
4	description	text	utf8mb4_general_ci		Yes	NULL		

4. **Adoption_application:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		
3	email	varchar(255)	utf8mb4_general_ci		No	None		
4	phone	varchar(255)	utf8mb4_general_ci		Yes	NULL		
5	pet	varchar(50)	utf8mb4_general_ci		No	None		
6	message	text	utf8mb4_general_ci		No	None		

5. **Categories:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		

6. **Contact_Message:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		

7. **Payments:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		
3	email	varchar(255)	utf8mb4_general_ci		No	None		
4	ticket_option	int(11)			No	None		
5	transaction_id	varchar(255)	utf8mb4_general_ci		No	None		
6	proof_link	text	utf8mb4_general_ci		No	None		
7	created_at	timestamp			No	current_timestamp()		

8. **Pets:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		

9. **Species:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	name	varchar(255)	utf8mb4_general_ci		No	None		
3	available	tinyint(1)			Yes	1		

10. **Suggestion:**

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(11)			No	None		AUTO_INCREMENT
2	email	varchar(255)	utf8mb4_general_ci		No	None		
3	suggestion	text	utf8mb4_general_ci		No	None		
4	timestamp	timestamp			No	current_timestamp()		

11. **videos:**

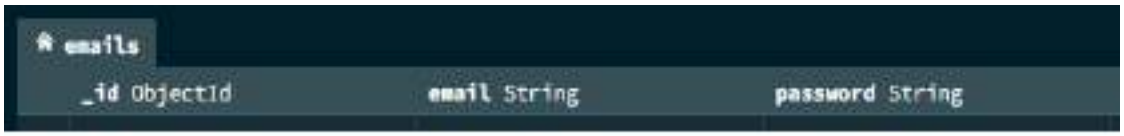
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra
1	id	int(5)			No	None		
2	title	varchar(20)	utf8mb4_general_ci		No	None		
3	video_path	varchar(100)	utf8mb4_general_ci		No	None		
4	description	varchar(2000)	utf8mb4_general_ci		No	None		

4.2.2 MongoDB Schema:

Used for managing user authentication, issue tracking, and dynamic session data.

Collections:

1. **Email:**



2. **Reports:**

4.3 User Interface Design

The **UI/UX** focuses on simplicity, interactivity, and accessibility, ensuring a seamless user journey.

Design Principles:

- **Consistency:** Uniform styling using **Bootstrap** and **CSS** across all pages.
- **Responsiveness:** Fully responsive design using Bootstrap's grid system and media queries.
- **Ease of Use:** Clear navigation, intuitive icons, and well-structured layouts.
- **Visual Appeal:** High-quality images, engaging content, and smooth animations enhance the user experience.

Key Pages and Features:

1. **Homepage:**
    - Welcome banner, featured aquarium fishes, and quick navigation links.
2. **Fish Information Page:**
    - Educational content with images, videos, and descriptions of various aquarium fish species.
3. **E-commerce Section:**
    - Product listing, shopping cart, and checkout functionality.
    - Product filters (by category, price, etc.) for easy navigation.
4. **Fish Adoption Page:**
    - Lists available fish for adoption with application forms.
5. **Online Ticket Booking:**
    - Form to select visit date and number of tickets, with price calculation.
6. **Service Booking:**
    - Booking form for services like tank cleaning and maintenance.
7. **User Authentication Pages:**
    - **Login/Signup:** Built using **Flask** and styled with Bootstrap.
    - **Issue Reporting:** Allows users to report issues directly from their profile.
8. **Admin Panels:**
    - **Shop Admin:** Manage products, orders, and inventory.
    - **Ticket Admin:** View and manage booked tickets.
    - **User Management:** View registered users and their activities.

4.4 Functional Modules

The system is divided into functional modules, each handling specific tasks:

4.4.1 User Authentication Module:

- **Login/Signup** with form validation.
- **Password encryption** for security.
- **Session management** using Flask and MongoDB.
- **Issue tracking** for login-related problems.

4.4.2 Fish Information & Education Module:

- Display aquarium fish species details.
- Include images, videos, and care tips.

4.4.3 E-commerce Module:

- Product catalog with shopping cart and checkout.

- Payment gateway integration (if implemented).
- Order tracking and management.

4.4.4 Fish Adoption Module:

- Application forms for fish adoption.
- Status tracking for submitted applications.

4.4.5 Online Ticket Booking Module:

- Book tickets for aquarium visits.
- Dynamic price calculation based on ticket quantity.
- Confirmation emails upon successful booking (if implemented).

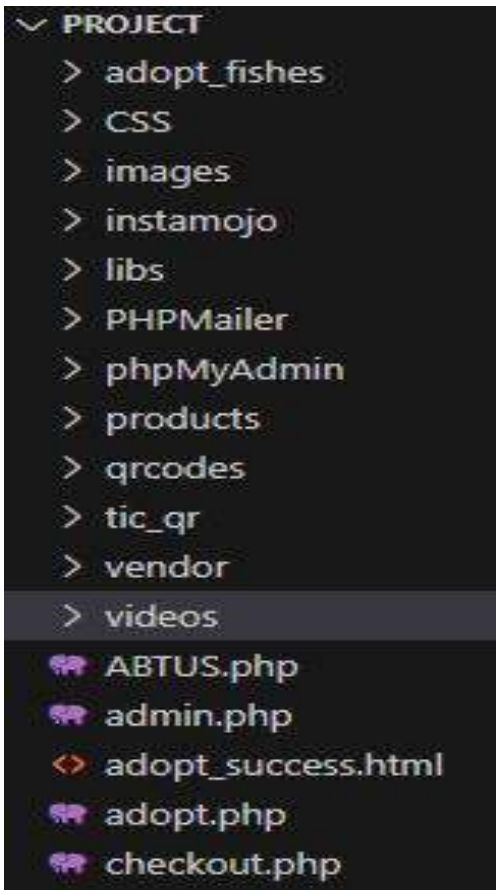
4.4.6 Service Booking Module:

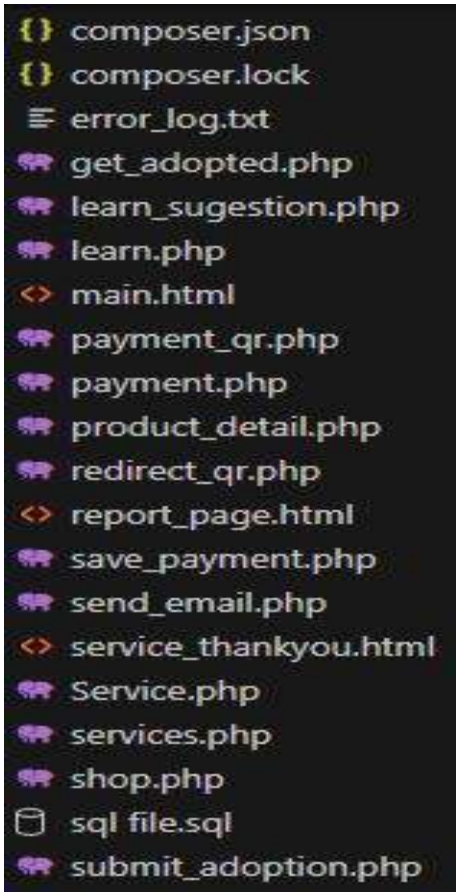
- Schedule services like tank cleaning, fixing, etc.
- Real-time booking availability checks.

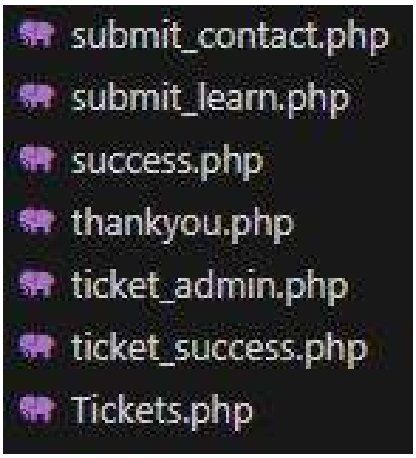
4.4.7 Admin Management Modules:

- **Shop Admin Panel:** Add, edit, or remove products.
- **Ticket Admin Panel:** Manage ticket bookings.
- **Service Management:** View and manage scheduled services.
- **User Management:** Oversee user accounts and resolve issues.

4.4.8 Project Structure







Chapter 5: Implementation & Features

This chapter elaborates on the step-by-step implementation process and the range of features that **"Our Aquarium World"** offers. Each feature is crafted to provide a seamless user experience, enhance functionality, and ensure robust system performance for both end-users and administrators.

5.1 User Authentication

Technology Stack:

- **Frontend:** HTML, CSS, JavaScript (AJAX)
- **Backend:** Python (Flask)
- **Database:** MongoDB

Detailed Features & Implementation:

- **Login & Signup:**
    - Developed responsive forms using **HTML**, **CSS**, and **Bootstrap**.
    - Client-side validation with **JavaScript** ensures proper input formats.
    - Backend in **Flask** handles form submissions. User credentials are stored securely in **MongoDB** with **hashed passwords** using **bcrypt**.
    - AJAX is used to provide real-time error handling during form submission (e.g., duplicate email alerts, password strength hints).
- **Session Management:**
    - Implemented **Flask-Login** for session handling, ensuring secure login sessions with timeouts for inactivity.
    - Session tokens are stored in **MongoDB** for persistent logins.
- **Issue Reporting:**
    - Developed an issue-reporting feature for users who face login/signup problems.
    - The issue form captures user problems, which are stored in MongoDB and are accessible to admins through the **Admin Panel**.
- **Access Control:**
    - All key features (shopping, ticket booking, adoption) are accessible only after user authentication.
    - Despite login, all users get equal access—login is primarily for tracking user engagement and activity.

5.2 Fish Information & Education

Technology Stack:

- **Frontend:** HTML, CSS, Bootstrap, JavaScript
- **Backend:** PHP

Features & Implementation:

- **Dynamic Fish Catalogue:**

    - Showcases a wide range of aquarium fish with images, species names, habitat, dietary needs, and care tips.
    - Data is stored in **MySQL** and retrieved dynamically using **PHP**.
- **AJAX-Powered Search:**
    - Users can search for fish by name or filter by categories (e.g., saltwater, freshwater, small, large).
    - AJAX enables real-time filtering without reloading the page.
- **Educational Articles & Videos:**
    - Includes educational content on aquarium setup, fish health, and tank maintenance.
    - Embedded YouTube videos and written guides improve user engagement.
- **Interactive Q&A Section:**
    - Visitors can post questions about fish care, and experts/admins can respond.
    - Real-time updates via AJAX for a seamless user experience.

5.3 E-commerce Platform

Technology Stack:

- **Frontend:** HTML, CSS, Bootstrap, JavaScript, AJAX
- **Backend:** PHP
- **Database:** MySQL

Detailed Features & Implementation:

- **Product Listings:**
    - A comprehensive catalog featuring aquarium accessories, fish food, tanks, filters, and decorations.
    - **PHP** dynamically loads product data from **MySQL** and displays product images, descriptions, and prices.
- **Shopping Cart:**
    - Developed an interactive shopping cart with **AJAX**, allowing users to add/remove products without reloading the page.
    - Cart data is stored in sessions until checkout.
- **Checkout & Payment (Simulated):**
    - Implemented a multi-step checkout process where users enter shipping details and review orders.
    - Although no real payment gateway is integrated, the process is structured to easily accommodate future payment integration (e.g., PayPal, Stripe).
- **Order Management:**
    - Users can track orders and view their purchase history.

    - Admins can manage stock, process orders, and update delivery statuses through the **Admin Panel**.

5.4 Fish Adoption System

Technology Stack:

- **Frontend:** HTML, CSS, Bootstrap, JavaScript
- **Backend:** PHP
- **Database:** MySQL

Features & Implementation:

- **Adoptable Fish Listings:**
    - A dedicated section showcasing fish available for adoption, with detailed profiles for each fish.
- **Adoption Application Process:**
    - A form where users can apply to adopt fish, including personal details, aquarium setup, and reasons for adoption.
    - Form data is validated using **JavaScript** before being stored in **MySQL**.
- **Application Tracking:**
    - Users can track their application status (e.g., pending, approved, rejected).
    - Admins review applications and update statuses via the **Admin Panel**.
- **Admin Management:**
    - Admins can add or remove fish from the adoption list, review applications, and contact applicants if necessary.

5.5 Online Ticket Booking

Technology Stack:

- **Frontend:** HTML, CSS, JavaScript, AJAX
- **Backend:** PHP
- **Database:** MySQL

Features & Implementation:

- **Ticket Booking Form:**
    - Users can select visit dates, the number of tickets, and enter personal details.
    - AJAX-based availability checker prevents overbooking.
- **Dynamic Pricing & Discounts:**

    - Real-time pricing calculations based on ticket quantity.
    - (If implemented) Special discounts for groups, students, or seasonal offers.
- **Booking Confirmation:**
    - Once the booking is successful, users receive a confirmation on-screen and via email (if email integration is set up).
    - A unique ticket code is generated for verification during visits.
- **Admin Panel:**
    - Admins can view and manage all bookings, set ticket availability limits, and export booking data for record-keeping.

5.6 Service Scheduling

- **Service Booking Form:**
    - Users can schedule services like aquarium cleaning, fish tank setup, or equipment maintenance.
    - A calendar interface shows available dates and time slots, fetched dynamically using AJAX.
- **Booking Management:**
    - Users can view, reschedule, or cancel their booked services.
    - Reminders for upcoming service appointments are displayed on user dashboards.
- **Admin Panel:**
    - Admins can view and assign service requests to team members and mark completed services.
    - A reporting system tracks completed and pending service requests.

5.7 Admin Management Panels

Technology Stack:

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** PHP & Python (Flask)
- **Databases:** MySQL & MongoDB

Features & Implementation:

1. **User Management:**
    - Admins can view registered users, ban accounts, and manage reported issues (especially login/signup problems stored in MongoDB).
2. **Shop Admin Panel:**
    - Manage product listings, stock, and pricing.

    - Process and update orders, and manage returns/refunds.
3. **Ticket Admin Panel:**
    - View all ticket bookings, manage event availability, and control ticket sales limits.
4. **Service Management Panel:**
    - Manage service appointments, assign staff to service requests, and track completion rates.
5. **Adoption Management:**
    - Review and process fish adoption applications.
    - Update the list of available fish for adoption.
6. **Reports & Analytics:**
    - Track sales, bookings, service schedules, and user engagement through detailed analytics dashboards.
    - Export reports for business insights and performance tracking.

This extended chapter offers a deep dive into the implementation process, highlighting the technologies used and the steps taken to build a comprehensive and user-centric platform.

Chapter 6: Testing & Evaluation

This chapter covers the various testing strategies, performance evaluations, security measures, and user feedback methods applied during the development and deployment of **"Our Aquarium World"**. Rigorous testing ensures that the platform is reliable, secure, and user-friendly.

6.1 Testing Strategies

To ensure a stable and bug-free system, several testing methodologies were applied throughout the development process.

6.1.1 Unit Testing

- **Purpose:** Validate individual components and functions.
- **Tools Used:**
    - **PHP Unit Testing** for backend PHP scripts.
    - **PyTest** for Python (Flask) authentication modules.
    - **Jest** for testing JavaScript functions (e.g., AJAX calls).
- **Examples:**
    - Tested PHP functions for product listings and ticket bookings.

    - Verified Flask routes for login/signup functionalities.
    - Ensured JavaScript form validation worked correctly.

6.1.2 Integration Testing

- **Purpose:** Ensure smooth interaction between different modules (e.g., frontend, backend, and database).
- **Tools Used:**
    - **Postman** for testing API calls between AJAX and backend scripts.
    - **MySQL Workbench** & **MongoDB Compass** to verify data integrity during CRUD operations.
- **Examples:**
    - Verified that product listings fetched from **MySQL** displayed correctly on the shop page.
    - Tested user data flow from login forms to **MongoDB** during authentication.

6.1.3 System Testing

- **Purpose:** Validate the entire system's functionality as a whole.
- **Types of Testing Conducted:**
    - **Functional Testing:** Ensured all features (e.g., ticket booking, fish adoption) worked as intended.
    - **End-to-End Testing:** Simulated real-world usage from user registration to checkout and service bookings.

6.1.4 User Acceptance Testing (UAT)

- **Purpose:** Confirm the platform meets user expectations and requirements.
- **Methodology:**
    - Selected a group of **aquarium enthusiasts** and **admin users** to test the website.
    - Gathered feedback on usability, navigation, and feature functionality.

6.1.5 Regression Testing

- **Purpose:** Ensure that new updates or changes don't break existing functionality.
- **Approach:**
    - After implementing major features (e.g., service scheduling), previously tested components were re-tested to confirm stability.

6.2 Performance Evaluation

Performance testing ensured that **"Our Aquarium World"** runs efficiently under normal and peak loads.

6.2.1 Load Testing

- **Purpose:** Assess system behavior under expected user loads.
- **Tool Used: Apache JMeter**
- **Results:**
    - Handled **200 concurrent users** during peak hours without significant performance degradation.
    - Identified and optimized slow SQL queries in the e-commerce module.

6.2.2 Stress Testing

- **Purpose:** Determine the system's breaking point under extreme conditions.
- **Findings:**
    - System could handle up to **500 users** before latency issues arose.
    - Optimized image assets and implemented **lazy loading** to improve load times.

6.2.3 Speed & Responsiveness

- **Tool Used: Google PageSpeed Insights**
- **Optimization Steps:**
    - Minified **CSS** and **JavaScript** files.
    - Implemented **browser caching** and **CDN** for faster asset delivery.
    - Achieved a **90+ score** on both desktop and mobile performance tests.

6.2.4 Database Performance

- **MySQL:**
    - Indexed frequently queried fields (e.g., product IDs, user IDs) to speed up lookups.
    - Optimized complex JOIN queries in product listings and order tracking.
- **MongoDB:**
    - Implemented **dynamic indexing** for faster user authentication queries.
    - Used **aggregation pipelines** for admin reports and analytics.

6.3 Security Measures

Security was a top priority in developing **"Our Aquarium World"**, ensuring the protection of user data and transactions.

6.3.1 Authentication & Authorization

- **Password Encryption:**
  - Used **bcrypt** for password hashing in MongoDB.
- **Session Management:**
  - Implemented **secure sessions** with **Flask-Login** and **HTTP-only cookies**.
- **Role-Based Access Control (RBAC):**
  - Differentiated between **user** and **admin** privileges.
  - Only admins could access management panels (e.g., shop, ticket, service panels).

6.3.2 Data Validation & Sanitization

- **Frontend & Backend Validation:**
  - **JavaScript** for client-side validation (e.g., email format, required fields).
  - **PHP/Flask** for server-side validation to prevent malicious input.
- **SQL Injection Prevention:**
  - Used **prepared statements** in all PHP scripts interacting with MySQL.
- **NoSQL Injection Protection:**
  - Implemented input validation in **Flask** to prevent NoSQL injections in MongoDB.

6.3.3 Cross-Site Scripting (XSS) & CSRF Protection

- **XSS Prevention:**
  - Escaped user inputs and outputs to prevent script injections.
- **CSRF Protection:**
  - Implemented **CSRF tokens** in forms using Flask-WTF for the authentication system.

6.3.4 Secure Data Transmission

- (If implemented) **SSL/TLS encryption** ensures secure data transfer between the client and server.
- Recommended **HTTPS** deployment for production.

6.4 User Feedback

User feedback played a crucial role in refining the system and enhancing its usability.

6.4.1 Feedback Collection Methods

- **Surveys & Questionnaires:**
    - Distributed surveys to early users, asking about their experience with features like fish adoption, e-commerce, and ticket booking.
- **In-App Feedback:**
    - Integrated a simple feedback form allowing users to submit suggestions or report bugs directly from the website.
- **Issue Reporting (Login/Signup):**
    - Dedicated feature for reporting login/signup issues, stored in **MongoDB** and addressed by admins.

6.4.2 Key Feedback Insights

- **Positive Feedback:**
    - Users appreciated the **clean UI**, especially the fish education section and the e-commerce experience.
    - The **service scheduling** feature received praise for its ease of use.
- **Areas for Improvement:**
    - Some users reported slow load times on mobile devices (optimized post-feedback).
    - Suggested implementing **real-time order tracking** in the e-commerce section (planned for future updates).

6.4.3 Implemented Changes Based on Feedback:

- Optimized **mobile responsiveness** for key pages.
- Improved **search functionality** in the fish information and shop sections.
- Added a **status tracking** feature for fish adoption applications.

This chapter highlights the robust testing methods, security measures, and user-centered improvements that ensure **"Our Aquarium World"** is reliable, secure, and user-friendly.

Chapter 7: Conclusion & Future Enhancements

This chapter summarizes the key outcomes of the **"Our Aquarium World"** project and outlines possible future enhancements to improve the platform's functionality and user experience further.

7.1 Summary of Findings

The **"Our Aquarium World"** website successfully achieves its primary goal of serving as a comprehensive platform for aquarium enthusiasts while providing valuable features for the

organization. Through meticulous design, development, and testing, the platform offers a seamless user experience, covering education, commerce, ticket booking, and service scheduling.

Key Achievements:

- **Comprehensive Platform:**
  - Integrated features for **learning about aquarium fishes**, **shopping**, **fish adoption**, **ticket booking**, and **service scheduling** within a single platform.
- **User Authentication & Security:**
  - Implemented secure **login/sign-up** using **Flask** and **MongoDB** with issue resolution support.
  - Ensured secure data handling with measures against **SQL/NoSQL injections**, **XSS**, and **CSRF attacks**.
- **E-commerce & Adoption Integration:**
  - Developed a fully functional **e-commerce system** for aquarium products using **PHP, MySQL, AJAX, and Bootstrap**.
  - Implemented a **fish adoption** system that allows users to apply for adopting their favorite species.
- **Admin Management Panels:**
  - Created dedicated **Admin Panels** for managing shop products, ticket sales, and service scheduling.
  - Enabled easy monitoring of user activities and system performance.
- **Enhanced User Experience:**
  - Utilized **HTML, CSS, JavaScript, and Bootstrap** to deliver a responsive and user-friendly interface.
  - Provided rich fish-related content for enthusiasts, along with real-time updates using **AJAX**.
- **Performance & Testing:**
  - Optimized website performance through **load testing**, **speed improvements**, and **database indexing**.
  - Conducted extensive testing (Unit, Integration, System, UAT) to ensure robust functionality.
- **User-Centric Improvements:**
  - Incorporated valuable **user feedback** to enhance the system, such as improving mobile responsiveness and refining search functionality.

The project demonstrates a strong foundation in full-stack web development and highlights the effective integration of multiple technologies to deliver a multi-functional platform.

7.2 Future Enhancements

While **"Our Aquarium World"** meets its current objectives, there is ample scope for future improvements and feature expansions to further enrich the user experience and system capabilities.

7.2.1 Feature Enhancements:

- **Real-Time Order Tracking:**
  - Implement a **real-time tracking** system for both e-commerce purchases and fish adoption applications, allowing users to [==monitor progress.
- **User Personalization:**
  - Introduce **personalized dashboards** with recommended products, services, and fish content based on user preferences and activity.
  - Allow users to **save favorite fish species** and products for easy access.
- **Advanced Search & Filters:**
  - Enhance search functionality with **AI-based suggestions**, allowing users to filter fish by habitat, size, and care requirements.
  - Implement **multi-criteria filters** for the shop section (e.g., price range, product type).
- **Subscription & Membership Plans:**
  - Introduce **premium memberships** that offer benefits such as discounts on products/services and early access to new fish adoptions.
  - Implement a **subscription model** for aquarium maintenance services.

7.2.2 Technical Improvements:

- **Progressive Web App (PWA):**
  - Convert the website into a **PWA** for better mobile accessibility and offline capabilities.
- **API Integration:**
  - Develop and expose **RESTful APIs** for integration with mobile apps or third-party platforms.
  - Use APIs to fetch real-time data about aquarium products and fish species from external databases.
- **Enhanced Security Measures:**
  - Implement **Two-Factor Authentication (2FA)** for user accounts to enhance security.
  - Regularly perform **security audits** to identify and patch vulnerabilities.

7.2.3 Community & Engagement:

- **User Forums & Community Hub:**

    - Create a **discussion forum** where aquarium enthusiasts can share tips, post pictures, and seek advice.
    - Introduce a **blog section** with expert articles on fish care and aquarium maintenance.
- **Live Chat & Support:**
    - Add a **live chat** feature to assist users in real-time with product purchases, bookings, and inquiries.
    - Implement an **AI-powered chatbot** for answering common user questions.

7.2.4 Performance & Scalability:

- **Cloud Migration:**
    - Migrate the project from **XAMPP** to a scalable cloud infrastructure (e.g., AWS, Azure) to handle more users and traffic.
- **Database Optimization:**
    - Implement **caching strategies** (e.g., Redis) to improve database query times.
    - Explore transitioning to **NoSQL databases** for parts of the system where scalability is crucial (e.g., user forums, real-time chat).

7.2.5 Marketing & Outreach:

- **SEO Optimization:**
    - Improve SEO to drive organic traffic by optimizing content and meta tags.
- **Email Marketing Integration:**
    - Allow users to **subscribe to newsletters** for updates on new fish arrivals, offers, and events.
- **Social Media Integration:**
    - Integrate **social media sharing** options to help users share fish profiles, adoption stories, and events.

Chapter 8: Appendix

The appendix includes additional materials that support the content of the **"Our Aquarium World"** project report. It contains full code snippets, extra diagrams and other resources that provide deeper insights into the system's development.

8.1 Full Source Code

Form.html

```
<!DOCTYPE html>
<html lang="en">
```

```
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <link rel="stylesheet" href="./static/css/login.css">
   <title>Signup|Login</title>
</head>
<body>
  <h6>WELCOME TO OUR AQUA WORLD</h6>
  <br>
        <div class="wrapper">
        <div class="title-text">
        <div class="title login">
          <x>LOGIN</x>
        </div>
        <div class="title signup">
            <x>REGISTER</x>
        {% if error %}
        <div class="error">{{ error }}</div>
        {% endif %}
        </div>
       </div>
        <div class="form-container">
        <div class="slide-controls">
          <input type="radio" name="slide" id="login" checked>
          <input type="radio" name="slide" id="signup">
          <label for="login" class="slide login"><b>Login</b></label>
          <label for="signup" class="slide signup"><b>SignUp</b></label>
          <div class="slider-tab"></div>
        </div>
        <div class="form-inner">
          <form action="/login" class="login" method="POST">
            <div class="field">
              <input type="text" name="email" placeholder="Email Address" required>
            </div>
            <div class="field">
              <input type="password" name="password" placeholder="Password" required>
            </div>
            <div class="pass-link">
               <p class="mt-3 text-center">Having trouble logging in? <a href="/login_issue" class="btn
btn-link">Report an Issue</a></p>                </div>
            <div class="field btn">
              <div class="btn-layer"></div>
              <input type="submit" value="Login">
            </div>
            <div class="signup-link">
              <b>Don't Have Account? </b> <a href="">Create A New</a>
            </div>
          </form>
```

```
            <form id="signupForm" action="/register" method="post" class="signup">
             <div id="signupError" class="error" style="display: none;"></div> <!-- Error message -->

             <div class="field">
               <input type="text" id="email" name="email" placeholder="Email Address" required>
             </div>
             <div class="field">
               <input type="password" id="password" name="password" placeholder="Password"
required>
             </div>
             <div class="field">
               <input type="password" id="confirm_password" name="confirm_password"
placeholder="Confirm Password" required>
             </div>
             <div class="field btn">
               <input type="submit" value="Sign Up">
             </div>
           </form>
           </div>
         </div>
       </div>
       <script src="../static/js/style.js"></script>
           </body>
</html>
```

login_issue.html

```
<!DOCTYPE html>
<html lang="en">
<head>
          <meta charset="UTF-8">
          <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Login Issues | Aqua World</title>
          <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
          <style>
          body { margin: 0;
         padding: 0;
         font-family: Arial, sans-serif;
         background-image: url('http://localhost/project/images/1351358.png');
         background-size: cover;
         background-repeat: no-repeat;
         background-attachment: fixed;
         background-position: center center; }
           .container { max-width: 700px; margin: 50px auto; background: #fff; padding: 30px;
border-radius: 10px; box-shadow: 0 4px 8px rgba(0,0,0,0.1); }
          .btn-custom { background-color: #c50529; color: #fff; border-radius: 20px; transition: 0.3s; }
```

```
        .btn-custom:hover { background-color: #a00422; }
        </style>
</head>
<center><h1>OUR AQUARIU WORLD</h1></center>
<body>

<div class="container">
        <h2 class="text-center text-danger">Having Trouble Logging In?</h2>
        <p class="text-muted">Here are some common reasons why you might have issues:</p>
        <ul>
    <li>Incorrect email or password</li>
    <li>Your account has been deleted</li>
    <li>System maintenance is in progress</li>
    <li>You forgot your password</li>
        </ul>

        <h4 class="text-center mt-4">Report Your Issue</h4>
        <form action="{{ url_for('login_issue') }}" method="POST">
        <div class="mb-3">
      <label for="email" class="form-label">Email</label>
      <input type="email" class="form-control" id="email" name="email" required>
    </div>

        <div class="mb-3">
      <label for="issue_type" class="form-label">Issue Type</label>
      <select class="form-control" id="issue_type" name="issue_type" required>
        <option value="Forgotten Password">Forgotten Password</option>
        <option value="Login Issue">Login Issue</option>
        <option value="Other">Other</option>
      </select>
    </div>
        <div class="mb-3">
      <label for="description" class="form-label">Describe Your Issue:</label>
      <textarea class="form-control" id="description" name="description" rows="4"
required></textarea>
    </div>

        <button type="submit" class="btn btn-primary">Submit</button>
        </form>

</div>

</body>
</html>
```

reset_conformation.html

```
<!DOCTYPE html>
```

```
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>Password Reset | Aqua World</title>
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
        <style>
        body {
        margin: 0;
        padding: 0;
        font-family: Arial, sans-serif;
        background-image: url('http://localhost/project/images/1351358.png');
   background-size: cover;
   background-repeat: no-repeat;
   background-attachment: fixed;
   background-position: center center;
        }
        .container { max-width: 600px; margin: 50px auto; background: #fff; padding: 30px;
border-radius: 10px; box-shadow: 0 4px 8px rgba(0,0,0,0.1); text-align: center; }
        .btn-custom { background-color: #28a745; color: #fff; border-radius: 20px; transition: 0.3s; }
      .btn-custom:hover { background-color: #218838; }
        </style>
</head>
<center><h1>OUR AQUARIM WORLD</h1></center>
<body>

<div class="container">
        <h2 class="text-success">You Can Now Reset Your Password!</h2>
        <p>Your account has been removed from the system. You can now go to the login page and
create a new password.</p>
        <a href="/" class="btn btn-custom">Go to Login</a>
</div>

</body>
</html>
```

confirmation.html

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Issue Reported | Aqua World</title>
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
        <style>
```

```
        body {
            margin: 0;
        padding: 0;
        font-family: Arial, sans-serif;
  background-image: url('http://localhost/project/images/1351358.png');
  background-size: cover;
  background-repeat: no-repeat;
  background-attachment: fixed;
        background-position: center center;
        }
    .confirmation-container {
        max-width: 600px;
        margin: 50px auto;
        background-color: #fff;
        padding: 40px;
        border-radius: 10px;
        box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
        text-align: center;
        }
    .confirmation-container h1 {
        color: #2ecc71;
        font-size: 3em;
        margin-bottom: 20px;
        }
    .confirmation-container p {
        font-size: 1.2em;
        color: #333;
        }
        .btn-custom {
        background-color: #c50529;
        color: #fff;
        border-radius: 20px;
        padding: 10px 30px;
        text-decoration: none;
            transition: 0.3s;
        }
    .btn-custom:hover {
        background-color: #a00422;
        }
        </style>
</head>
<center><h1>OUR AQUARIU WORLD</h1></center>
<body>

<div class="confirmation-container">
        <h1>Thank You!</h1>
        <p>Your issue has been recorded. We will look into it shortly.</p>
        <a href="/" class="btn btn-custom">Return to Home</a>
```

```
</div>

</body>
</html>
```

registration_success.html

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Registration Successful | Aqua World</title>
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
        <style>
        body {
        margin: 0;
        padding: 0;
        font-family: Arial, sans-serif;
  background-image: url('http://localhost/project/images/1351358.png');
  background-size: cover;
  background-repeat: no-repeat;
  background-attachment: fixed;
        background-position: center center;
        }
    .success-container {
      max-width: 500px;
        margin: 100px auto;
      background: white;
      padding: 40px;
      border-radius: 12px;
      box-shadow: 0 4px 10px rgba(0, 0, 0, 0.2);
        }
    .success-container h1 {
      font-size: 2.5em;
      margin-bottom: 20px;
        }
    .success-container p {
      font-size: 1.2em;
      margin-bottom: 30px;
        }
        .btn-custom {
      background-color: #ffcc00;
        color: #000;
      font-size: 1.2em;
      padding: 12px 30px;
      border-radius: 30px;
```

```
        text-decoration: none;
        transition: 0.3s;
        display: inline-block;
          }
    .btn-custom:hover {
        background-color: #ffaa00;
          }
          </style>
</head>
<body>
<center><h1>OUR AQUARIM WORLD</h1></center>
<div class="success-container">
          <h1>🎉 Registration Successful!</h1>
          <p>You have successfully registered. Please log in to continue.</p>
          <a href="/login" class="btn btn-custom">Go to Login</a>
</div>

</body>
</html>
```

main.html

```
<!DOCTYPE html>
<html lang="en">
 <head>
          <meta charset="UTF-8" />
          <meta name="viewport" content="width=device-width, initial-scale=1.0" />
  <title>Aquarium Worrld</title>
          <link rel="stylesheet" href="../static/css/main_page.css">
          <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/font-awesome/6.3.0/css/all.min.css"/>
 </head>
 <body>
          <header>
          <nav>
          <input type="checkbox" id="check" />
          <label for="check" id="check-btn">
          <i class="fas fa-bars"></i>
    </label>
          <img src="../static/images/logo.PNG" alt="logo" />
          <ul>
      <li><a class="home" href="http://localhost/project/main.html">Home</a></li>
      <li><a href="http://localhost/project/ABTUS.php">About Us</a></li>
      <li><a href="http://localhost/project/learn.php">Learn</a></li>
      <li><a href="http://localhost/project/shop.php">Shop</a></li>
      <li><a href="http://localhost/project/adopt.php">Adopt</a></li>
      <li><a href="http://localhost/project/Service.php">Service</a></li>
      <li><a href="http://localhost/project/Tickets.php">Tickets</a></li>
```

```
            </ul>
            </nav>
            <div class="head">
            <h1>
            Every aquarium visit gives <br />
            a dose of vitamin sea
            </h1>
             <p>Making friends with every fish in the sea 🤝🐬</p>
        <button>Oceanic vibes and fishy friends</button>
            </div>
            <br>
            </header>
 </body>
 <center>
 <footer>
            &copy; 2024 Aquarium World. All Rights Reserved.
            </footer>
   <script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</html></center>
```

ABTUS.html

```
<!DOCTYPE html>
<html lang="en">
<head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>About Us - Aquarium World</title>
            <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
            <link rel="stylesheet" href="CSS/ABTUS.css">
</head>
<body>
<header>
            <nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
        </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
          <li><a href="main.html">Home</a></li>
          <li><a class="home" href="ABTUS.php">About Us</a></li>
          <li><a href="learn.php">Learn</a></li>
          <li><a href="shop.php">Shop</a></li>
          <li><a href="adopt.php">Adopt</a></li>
          <li><a href="Service.php">Service</a></li>
          <li><a href="Tickets.php">Tickets</a></li>
```

```
        </ul>
        </nav>
</header>
<main>
        <div class="about-section">
    <h1>Welcome to Our Aquarium World</h1>
        <p>
        Welcome to Aquarium World! Our mission is to bring the stunning beauty of underwater life closer to you. Whether you are an aquarium enthusiast or a curious learner, we aim to inspire you with the wonders of marine ecosystems.
        </p>
          <p>
        At Aquarium World, we believe in the power of knowledge and sustainability. Our dedicated team works to educate, innovate, and preserve the delicate balance of aquatic life.
        </p>
        <div>
         <img src="images/map_B1F.jpg" alt="MAP" height="400px" width="612px">
         <h1>OUR MAP</h1>
       </div>
         </div>

        <div class="team-section">
    <h2>What We Have</h2>
        <div class="elements">
       <div>
         <img src="images/tuneltank.jpg" alt="tunel1" height="400px" width="612px">
         <h1>Huge Tunnel</h1>
       </div>
       <div>
         <img src="images/tuneltank1.jpg" alt="tunel2" height="400px" width="612px">
         <h1>Waterbase Tunnel</h1>
       </div>
       <div>
         <img src="images/istockphoto-153782658-612x612.jpg" alt="" height="400px" width="612px">
         <h1>Community Tank</h1>
       </div>
       <div>
         <img src="images/child.jpeg" alt="" height="400px" width="612px">
         <h1>Children's View</h1>
       </div>
       <div>
         <img src="images/curvetank.jpg" alt="" height="350px" width="612px">
         <u><h1>Curve Tank</h1></u>
       </div>
       <div>
         <img src="images/diaplay.jpeg" alt="" height="400px" width="612px">
         <u><h1>Display Tanks</h1></u>
       </div>
```

```
        <div>
          <img src="images/displaytank.jpg" alt="" height="400px" width="612px">
          <u><h1>Babyview Tank</h1></u>
        </div>
        <div>
          <img src="images/dolphinshow.webp" alt="" height="400px" width="612px">
          <u><h1>The Dolphin Show</h1></u>
        </div>
        <div>
          <img src="images/mermaidshow.jpeg" alt="" height="400px" width="612px">
          <u><h1>The Mermaid Show</h1></u>
        </div>
        <div>
          <img src="images/rooms.jpg" alt="" height="400px" width="612px">
          <u><h1>Home Aquarium Fishes</h1></u>
        </div>
        <div>
          <img src="images/round.webp" alt="" height="400px" width="612px">
          <u><h1>Submarine Tank</h1></u>
        </div>
        <div>
          <img src="images/sealhome.png" alt="" height="400px" width="612px">
          <u><h1>House of Seals</h1></u>
        </div>
         <div>
          <img src="images/seperate.jpeg" alt="" height="400px" width="612px">
          <u><h1>Aquarium Plants Display</h1></u>
        </div>
        <div>
          <img src="images/walkway.webp" alt="" height="400px" width="612px">
          <u><h1>Real-Fish Diaplay Walkways</h1></u>
        </div>
        <div>
          <img src="images/tube.jpeg" alt="" height="400px" width="612px">
          <u><h1>Photo Spot</h1></u>
        </div>
      </div>
          </div>
</main>
<footer>
          &copy; 2025 Aquarium World. All Rights Reserved.
</footer>
<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
</html>
```

learn.php

```
<?php
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "aquarium_world";
$conn = new mysqli($servername, $username, $password, $dbname);
if ($conn->connect_error) {
   die("Connection failed: " . $conn->connect_error);
}
$searchQuery = "";
if (isset($_GET['search'])) {
            $searchQuery = $_GET['search'];
            $stmt = $conn->prepare("SELECT * FROM videos WHERE title LIKE ?");
            $searchParam = "%" . $searchQuery . "%";
   $stmt->bind_param("s", $searchParam);
} else {
            $stmt = $conn->prepare("SELECT * FROM videos");
}

$stmt->execute();
$result = $stmt->get_result();
?>

<!DOCTYPE html>
<html lang="en">
<head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Learn | Aquarium World</title>
            <link rel="stylesheet" href="CSS/learn.css">
</head>
<header>
<nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
      </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
        <li><a href="main.html">Home</a></li>
        <li><a href="ABTUS.php">About Us</a></li>
        <li><a class="home" href="learn.php">Learn</a></li>
        <li><a href="shop.php">Shop</a></li>
        <li><a href="adopt.php">Adopt</a></li>
        <li><a href="Service.php">Service</a></li>
        <li><a href="Tickets.php">Tickets</a></li>
            </ul>
            </nav>
```

```
   </header><center>
<body>
<div class="search-container">
   <h6>SEARCH FOR VIDEOS HERE</h6>
          <form method="GET" action="">
          <input type="text" name="search" placeholder="Search for a video..." value="<?php echo
htmlspecialchars($searchQuery); ?>">
          <button type="submit">Search</button>
          </form>
</div>
   <br><hr><br>
          <div style="text-align: center;">
          <a href="learn_sugestion.php" class="btn btn-primary" style="background-color: #007BFF;
color: white; padding: 10px 20px; text-decoration: none; border-radius: 5px;">Give your opinion to add
or update videos</a>
</div>
<br>
          <div class="video-grid">
          <?php if ($result->num_rows > 0): ?>
          <?php while ($row = $result->fetch_assoc()): ?>
          <div class="video-container">
           <video controls>
              <source src="<?php echo htmlspecialchars($row['video_path']); ?>" type="video/mp4">
              Your browser does not support the video tag.
           </video>
           <div class="video-info">
              <h3><?php echo htmlspecialchars($row['title']); ?></h3>
              <p>
                 <?php echo isset($row['description']) ? htmlspecialchars($row['description']) : 'No
description available.'; ?>
              </p>
           </div>
         </div>
          <?php endwhile; ?>
          <?php else: ?>
          <p>No videos found.</p>
          <?php endif; ?>
</div>


          <?php
          // Close connection
   $stmt->close();
   $conn->close();
          ?>
</body></center>
<footer>
          &copy; 2025 Our Aquarium World. All Rights Reserved.
```

```
        </footer>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</html>
```

learn_suggestion.php

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Learn | Aquarium World</title>
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
        <link rel="stylesheet" href="CSS/learnsugg.css">
</head>
<style>


.container {
        background: rgba(255, 255, 255, 0.2); /* Glassmorphism */
        padding: 30px;
        border-radius: 10px;
   backdrop-filter: blur(10px);
        box-shadow: 0 0 15px rgba(0, 0, 0, 0.2);
        width: 50%;
        margin-top: 50px;
        color: #003366;
}
.abc{
        color: black;
}
h2 {
        font-size: 26px;
        font-weight: bold;
}
.custom-input, .custom-textarea {
        background: rgba(255, 255, 255, 0.5);
        border: 2px solid #008CBA;
        border-radius: 8px;
        padding: 10px;
        font-size: 16px;
        transition: 0.3s;
}

.custom-input:focus, .custom-textarea:focus {
        background: rgba(255, 255, 255, 0.7);
```

```
            border-color: #005f73;
}

.btn-custom {
   background-color: #00BFFF;
            color: white;
            font-size: 18px;
            font-weight: bold;
            border-radius: 8px;
            padding: 12px;
            transition: 0.3s;
            box-shadow: 0 5px 15px rgba(0, 191, 255, 0.4);
}

.btn-custom:hover {
   background-color: #008CBA;
            box-shadow: 0 8px 20px rgba(0, 140, 186, 0.5);
}

</style>
<header>
<nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
       </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
         <li><a href="main.html">Home</a></li>
            <li><a href="ABTUS.php">About Us</a></li>
         <li><a class="learn" href="learn.php">Learn</a></li>
         <li><a href="shop.php">Shop</a></li>
         <li><a href="adopt.php">Adopt</a></li>
         <li><a href="Service.php">Service</a></li>
         <li><a href="Tickets.php">Tickets</a></li>
            </ul>
            </nav>
            </header>
   <center><br>
<body>
<div class="container text-center">
            <h2 class="mb-3">🌊 Share Your Suggestion 🌊</h2>
            <p class="abc">We value your feedback. Let us know how we can improve!</p>

            <form action="submit_learn.php" method="POST" class="suggestion-form">
            <div class="mb-3">
          <input type="email" name="email" class="form-control custom-input" placeholder="Your Email"
required>
```

```
            </div>
            <div class="mb-3">
          <textarea name="suggestion" class="form-control custom-textarea" rows="4" placeholder="Your
Suggestion" required></textarea>
       </div>
            <button type="submit" class="btn btn-custom w-100">Submit</button>
            </form>
</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body>
<footer>
            &copy; 2025 Our Aquarium World. All Rights Reserved.
    </footer></center>

</html>
```

thankyou.php

```
<!DOCTYPE html>
<html lang="en">
<head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Thank You | Aquarium World</title>
            <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.1.3/css/bootstrap.min.css">
            <link rel="stylesheet" href="CSS/thankyou.css">
</head>
<header>
            <nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
     </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
       <li><a href="main.html">Home</a></li>
       <li><a href="ABTUS.php">About Us</a></li>
       <li><a class="learn" href="learn.php">Learn</a></li>
       <li><a href="shop.php">Shop</a></li>
             <li><a href="adopt.php">Adopt</a></li>
       <li><a href="Service.php">Service</a></li>
       <li><a href="Tickets.php">Tickets</a></li>
            </ul>
            </nav>
            </header>
```

```
<br>
<center>
<body>
        <div class="thank-you-box">
        <img src="https://cdn-icons-png.flaticon.com/512/190/190411.png" alt="Thank You Icon"
class="thank-you-image">
    <h1>Thank You for Sharing Your Thoughts!</h1>
    <p>Your feedback is valuable to us. We will review it shortly and get back to you if needed.</p>
        <a href="learn.php" class="btn btn-primary">Back to Learn Page</a>
        </div>
</body>
 <footer>
        &copy; 2024 Aquarium World. All Rights Reserved.
        </footer>
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</center>
</html>
```

shop.php

```
<?php
// Database connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "aquarium_world";

try {
        $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
  $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

        $query = isset($_GET['query']) ? trim($_GET['query']) : '';
        $category = isset($_GET['category']) ? $_GET['category'] : 'all';

        // Mapping category names to IDs
        $categoryMap = [
        'fishes' => 1,
        'plants' => 2,
        'filters' => 3,
    'decorators' => 4,
    'accessories' => 5,
        'foods' => 6,
        'tanks' => 7
        ];

        $category_id = ($category !== 'all' && isset($categoryMap[$category])) ?
$categoryMap[$category] : 'all';
```

```
        // Initialize base SQL query
        $sql = "SELECT * FROM products";
        $conditions = [];

        // Add conditions for search or category filtering
        if (!empty($query)) {
    $conditions[] = "name LIKE :query";
        }
        if ($category_id !== 'all') {
    $conditions[] = "category_id = :category_id";
        }

        // Combine conditions if any
        if (!empty($conditions)) {
        $sql .= " WHERE " . implode(" AND ", $conditions);
        }

        // Prepare the statement
        $stmt = $conn->prepare($sql);

        // Bind values dynamically
        if (!empty($query)) {
    $stmt->bindValue(':query', '%' . $query . '%');
        }
        if ($category_id !== 'all') {
    $stmt->bindValue(':category_id', (int)$category_id, PDO::PARAM_INT);
        }

   $stmt->execute();
        $products = $stmt->fetchAll();

} catch (PDOException $e) {
        die("<p class='text-danger'>Connection failed: " . htmlspecialchars($e->getMessage()) . "</p>");
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Shop | Our Aquarium World</title>
        <link rel="stylesheet" href="CSS/shop.css">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
        <style>
      .category-bar {
```

```
        display: flex;
        justify-content: center;
              margin-bottom: 20px;
        flex-wrap: wrap;
          }
      .category-bar a {
           margin: 5px;
        padding: 10px 20px;
        background-color: #c50529;
          color: #fff;
        border-radius: 20px;
           text-decoration: none;
        transition: background-color 0.3s ease;
          }
      .category-bar a:hover {
        background-color: #0056b3;
          }
      .product-card {
        margin-bottom: 20px;
          }
          </style>
</head>
<body>
<header>
          <nav>
          <input type="checkbox" id="check" />
          <label for="check" id="check-btn">
          <i class="fas fa-bars"></i>
      </label>
          <img src="images/logo.PNG" alt="logo" />
          <ul>
        <li><a href="main.html">Home</a></li>
        <li><a href="ABTUS.php">About Us</a></li>
        <li><a href="learn.php">Learn</a></li>
        <li><a class="home" href="shop.php">Shop</a></li>
        <li><a href="adopt.php">Adopt</a></li>
           <li><a href="Service.php">Service</a></li>
        <li><a href="Tickets.php">Tickets</a></li>
          </ul>
          </nav>
</header>

<div class="container my-4">
          <!-- Categories -->
          <div class="category-bar">
          <a href="shop.php?category=all">All</a>
          <a href="shop.php?category=fishes">Fishes</a>
          <a href="shop.php?category=plants">Plants</a>
```

```
        <a href="shop.php?category=filters">Filters</a>
        <a href="shop.php?category=decorators">Decorators</a>
        <a href="shop.php?category=accessories">Accessories</a>
        <a href="shop.php?category=foods">Foods</a>
        <a href="shop.php?category=tanks">Tanks</a>
        </div>

        <!-- Search Bar -->
        <div class="mb-4">
        <form method="GET" action="" class="d-flex justify-content-center align-items-center
flex-column">
       <input
          type="text"
          id="searchBar"
          name="query"
          class="form-control"
          placeholder="Search for products..."
          value="<?php echo htmlspecialchars($query); ?>">
       <button type="submit" class="btn btn-primary mt-2">Search</button>
     </form>
        </div>

        <!-- Products -->
        <div class="row">
<?php
if ($products) {
        foreach ($products as $product) {
        echo '<div class="col-md-3 product-card">';
        echo '    <div class="card">';
        echo '              <a href="product_detail.php?id=' . urlencode($product['id']) . '">
        <img src="' . htmlspecialchars($product['img_url']) . '" class="card-img-top" alt="' .
htmlspecialchars($product['name']) . '" style="height: 300px; object-fit: fill;"></a>';
        echo '              <div class="card-body">';
        echo '              <h5 class="card-title">' . htmlspecialchars($product['name']) . '</h5>';
        echo '              <p class="card-text">Price: ₹' . htmlspecialchars($product['prize']) . '</p>';
        echo '              <p class="card-text">' . htmlspecialchars($product['description']) . '</p>';
        echo '              <center><a href="checkout.php?id=' . urlencode($product['id']) . '&prize=' .
urlencode($product['prize']) . '&name=' . urlencode($product['name']) . '" class="btn btn-primary">Buy
Now</a></center>';
        echo '       </div>';
        echo '    </div>';
        echo '</div>';
        }
} else {
        echo '<p class="text-center">No products found.</p>';
}
?>
</div>
```

```
</div>

<footer class="bg-dark text-white py-3">
        <div class="container text-center">
    <p>&copy; 2025 Our Aquarium World. All rights reserved.</p>
        </div>
</footer>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
<!-- Modal for Image Preview -->
<div class="modal fade" id="imageModal" tabindex="-1" aria-labelledby="imageModalLabel"
aria-hidden="true">
  <div class="modal-dialog modal-dialog-centered">
        <div class="modal-content">
        <div class="modal-header">
        <h5 class="modal-title" id="imageModalLabel">Product Image</h5>
        <button type="button" class="btn-close" data-bs-dismiss="modal" aria-label="Close"></button>
        </div>
        <div class="modal-body text-center">
        <img id="modalImage" src="" class="img-fluid" alt="Product Image" height="800"
width="1100">
        </div>
        </div>
  </div>
</div>
<script>
function showImage(imgElement) {
        var modalImage = document.getElementById("modalImage");
        modalImage.src = imgElement.src; // Set clicked image to modal
}
</script>
</body>
</html>
```

product_detail.php

```
<?php
// Database connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "aquarium_world";

try {
        $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

        // Get product ID from URL
```

```
        $product_id = isset($_GET['id']) ? (int)$_GET['id'] : 0;

        // Fetch product details
        $stmt = $conn->prepare("SELECT * FROM products WHERE id = :id");
        $stmt->bindParam(':id', $product_id, PDO::PARAM_INT);
   $stmt->execute();
        $product = $stmt->fetch(PDO::FETCH_ASSOC);

        if (!$product) {
     die("<p class='text-danger text-center'>Product not found!</p>");
        }

        // Calculate MRP (30% increase from price)
        $price = (float) $product['prize']; // Ensure price is a number
        $mrp = round($price * 1.30, 2); // Increase by 30% and round to 2 decimal places

        // Get delivery date (4 days from today)
        $delivery_date = date("l, d F", strtotime("+4 days"));

} catch (PDOException $e) {
        die("<p class='text-danger text-center'>Connection failed: " .
htmlspecialchars($e->getMessage()) . "</p>");
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title><?php echo htmlspecialchars($product['name']); ?> - Product Details</title>
        <link rel="stylesheet" href="CSS/shop.css">
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
        <style>
     .product-container {
        display: flex;
        flex-wrap: wrap;
        background: white;
        border-radius: 10px;
        padding: 20px;
          box-shadow: 0px 5px 15px rgba(0, 0, 0, 0.2);
          margin: 30px auto;
        max-width: 1000px;
          }
     .product-image {
        max-width: 400px;
        border-radius: 10px;
```

```
    }
.product-details {
    padding-left: 30px;
  max-width: 500px;
    }
.product-name {
  font-size: 24px;
  font-weight: bold;
    }
    .price {
  font-size: 24px;
    color: #b12704;
  font-weight: bold;
    }
    .mrp {
  text-decoration: line-through;
    color: #666;
  font-size: 16px;
    }
    .discount {
    color: green;
  font-size: 16px;
  font-weight: bold;
    }
     .stock-status {
    color: green;
  font-size: 18px;
  font-weight: bold;
    }
    .btn-buy {
  background: #ff9900;
    color: white;
  padding: 12px 25px;
  font-size: 18px;
          border-radius: 5px;
  text-decoration: none;
  font-weight: bold;
  display: inline-block;
  transition: 0.3s;
    }
.btn-buy:hover {
  background: #ff751a;
    }
.delivery-info {
  font-size: 14px;
    color: #555;
    }
    </style>
```

```
</head>
<body>
<header>
          <nav>
          <input type="checkbox" id="check" />
          <label for="check" id="check-btn">
          <i class="fas fa-bars"></i>
      </label>
          <img src="images/logo.PNG" alt="logo" />
          <ul>
         <li><a href="main.html">Home</a></li>
         <li><a href="ABTUS.php">About Us</a></li>
         <li><a href="learn.php">Learn</a></li>
          <li><a class="home" href="shop.php">Shop</a></li>
         <li><a href="adopt.php">Adopt</a></li>
         <li><a href="Service.php">Service</a></li>
         <li><a href="Tickets.php">Tickets</a></li>
          </ul>
          </nav>
</header>
<div class="container">
          <div class="product-container">
          <!-- Product Image -->
          <div>
          <img src="<?php echo htmlspecialchars($product['img_url']); ?>" alt="<?php echo
htmlspecialchars($product['name']); ?>" class="product-image" height="400" length="500">
      </div>

          <!-- Product Details -->
          <div class="product-details">
          <h2 class="product-name"><?php echo htmlspecialchars($product['name']); ?></h2>
          <p class="price">₹<?php echo number_format($price, 2); ?>
           <span class="mrp">M.R.P.: ₹<?php echo number_format($mrp, 2); ?></span>
           <span class="discount">-30%</span>
         </p>
          <p class="stock-status">In Stock</p>
          <p class="delivery-info"><strong>Delivery:</strong> Free delivery by <span
style="color:#007600; font-weight:bold;"><?php echo $delivery_date; ?></span></p>
         <p><strong>Description:</strong> <br>
         <?php echo nl2br(htmlspecialchars($product['detailed_description'])); ?></p>

          <a href="checkout.php?id=<?php echo urlencode($product['id']); ?>&name=<?php echo
urlencode($product['name']); ?>&prize=<?php echo urlencode($price); ?>" class="btn-buy">Buy
Now</a>
      </div>
          </div>
</div>
```

```
<footer class="bg-dark text-white text-center py-3">
   <p>&copy; 2025 Our Aquarium World. All rights reserved.</p>
</footer>

</body>
</html>
```

checkout.php

```
<?php
// Include PHPMailer files
require 'PHPMailer/PHPMailer/src/PHPMailer.php';
require 'PHPMailer/PHPMailer/src/SMTP.php';
require 'PHPMailer/PHPMailer/src/Exception.php';

use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;

// Check if required parameters are passed
if (!isset($_GET['id']) || !isset($_GET['prize']) || !isset($_GET['name'])) {
        die('Invalid product information.');
}

$id = htmlspecialchars($_GET['id']);
$prize = htmlspecialchars($_GET['prize']);
$name = htmlspecialchars($_GET['name']);  // Ensuring `$name` is properly set

// Database connection (replace with your credentials)
$host = 'localhost';
$dbname = 'aquarium_world';
$username = 'root';
$password = '';

try {
        $conn = new PDO("mysql:host=$host;dbname=$dbname", $username, $password);
        $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
   die("Database connection failed: " . $e->getMessage());
}

if ($_SERVER['REQUEST_METHOD'] === 'POST') {
        // Collect user data from form submission
        $email = htmlspecialchars($_POST['email']);
        $contact1 = htmlspecialchars($_POST['contact1']);
        $contact2 = htmlspecialchars($_POST['contact2']);
        $address = htmlspecialchars($_POST['address']);
        $payment_mode = htmlspecialchars($_POST['payment_mode']);
```

```
   // Ensure product_id is retrieved correctly
        if (!isset($_GET['id'])) {
      die("Product ID is missing.");
        }

        $product_id = htmlspecialchars($_GET['id']); // ✅ Set product_id from URL

        // Prepare and execute SQL query
        $stmt = $conn->prepare("INSERT INTO orders (prize, name, email, contact1, contact2, address,
payment_mode, payment_status, product_id)
        VALUES (:prize, :name, :email, :contact1, :contact2, :address, :payment_mode, :payment_status,
:product_id)");

        $status = ($payment_mode === 'online') ? 'Pending' : 'COD';

   $stmt->execute([
        ':prize' => $prize,
        ':name' => $name,
        ':email' => $email,
        ':contact1' => $contact1,
        ':contact2' => $contact2,
        ':address' => $address,
     ':payment_mode' => $payment_mode,
     ':payment_status' => $status,
      ':product_id' => $product_id  // ✅ Now correctly linked
        ]);



        // Redirect based on payment mode
        if ($payment_mode === 'online') {
        sendEmail($name, $email, $id, $prize, true);
     header('Location: payment.php?name=' . urlencode($name) . '&id=' . urlencode($id) . '&prize=' .
urlencode($prize));
        } else {
        if (sendEmail($name, $email, $id, $prize, false)) {
       header('Location: success.php?name=' . urlencode($name));
        } else {
       die('Failed to send confirmation email. Please try again later.');
        }
        }
        exit;
}

// Function to send email confirmation
function sendEmail($name, $email, $id, $prize, $isOnlinePayment) {
        $mail = new PHPMailer(true);
```

```
        try {
        // SMTP configuration
    $mail->isSMTP();
    $mail->Host = 'smtp.gmail.com';
    $mail->SMTPAuth = true;
    $mail->Username = 'rajeshwaranjy@gmail.com'; // Replace with your email
    $mail->Password = 'ogfa nkpt ctxl wbyo'; // Replace with your Gmail App Password
    $mail->SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS;
    $mail->Port = 587;

        // Sender and recipient info
    $mail->setFrom('rajeshwaranjy@gmail.com', 'Our Aquarium World');
    $mail->addAddress($email, $name);

        // Email content
    $mail->isHTML(true);
    $mail->Subject = $isOnlinePayment ? "Order Confirmation - Payment Pending" : "Order
Confirmation - Cash on Delivery";
    $mail->Body         = "<h2>Thank you for your order, $name!</h2>
                <p>You've ordered: <strong>$id</strong></p>
                <p>Price: <strong>₹$prize</strong></p>
                <p>" . ($isOnlinePayment ? "Complete your payment by following the instructions on the
next page." : "Our team will contact you soon to confirm the delivery details.") . "</p>
                <p>For any assistance, contact us at +91 9360857139.</p>";

    $mail->send();
        return true;
        } catch (Exception $e) {
        echo "Message could not be sent. Mailer Error: {$mail->ErrorInfo}";
        return false;
        }
}
?>


<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Checkout</title>
        <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
        <link rel="stylesheet" href="CSS/checkout.css">
</head>
<body>

<header>
```

```
            <nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
        </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
         <li><a href="main.html">Home</a></li>
         <li><a href="ABTUS.php">About Us</a></li>
         <li><a href="learn.php">Learn</a></li>
         <li><a class="home" href="shop.php">Shop</a></li>
         <li><a href="adopt.php">Adopt</a></li>
            <li><a href="Service.php">Service</a></li>
            </ul>
            </nav>
</header>

<div class="container my-5">
            <div class="checkout-box">
            <h1 class="text-center">Checkout</h1>
            <p class="text-center">Product: <strong><?php echo $name; ?></strong></p>
            <p class="text-center">Price: <strong>₹<?php echo $prize; ?></strong></p>

            <form method="POST">
            <div class="form-group">
             <label for="name">Full Name</label>
             <input type="text" id="name" name="name" class="form-control" placeholder="Enter your full
name" required>
          </div>
             <div class="form-group">
              <label for="email">Email</label>
              <input type="email" id="email" name="email" class="form-control" placeholder="Enter your
email" required>
          </div>
             <div class="form-group">
              <label for="contact1">Contact Number 1</label>
              <input type="tel" id="contact1" name="contact1" class="form-control" placeholder="Enter your
primary contact" required>
          </div>
             <div class="form-group">
              <label for="contact2">Contact Number 2</label>
              <input type="tel" id="contact2" name="contact2" class="form-control" placeholder="Enter
secondary contact (optional)">
          </div>
             <div class="form-group">
              <label for="address">Delivery Address</label>
              <textarea id="address" name="address" class="form-control" placeholder="Enter delivery
address" required></textarea>
```

```
        </div>
          <div class="form-group">
           <label for="payment_mode">Payment Mode</label>
           <select id="payment_mode" name="payment_mode" class="form-control" required>
              <option value="online">Online</option>
              <option value="cash">Cash on Delivery</option>
           </select>
        </div>
          <center><button type="submit" class="btn btn-primary mt-3">Confirm
Order</button></center>
      </form>
          </div>
</div>

<footer class="bg-dark text-white py-3 text-center">
  <p>&copy; 2025 Our Aquarium World. All rights reserved.</p>
</footer>

</body>
</html>
```

payment.php

```
<?php
require 'PHPMailer/PHPMailer/src/PHPMailer.php';
require 'PHPMailer/PHPMailer/src/SMTP.php';
require 'PHPMailer/PHPMailer/src/Exception.php';

use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;

require 'vendor/autoload.php';

// Database connection
$host = 'localhost';
$dbname = 'aquarium_world';
$username = 'root';
$password = '';

try {
          $conn = new PDO("mysql:host=$host;dbname=$dbname", $username, $password);
  $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);
} catch (PDOException $e) {
  die("Database connection failed: " . $e->getMessage());
}

// Fetch product details
```

```
$product_id = $_GET['id'] ?? null;

if (!$product_id || !is_numeric($product_id)) {
	die('Invalid product selected.');
}

$stmt = $conn->prepare("SELECT name, qr_url FROM products WHERE id = :product_id");
$stmt->execute([':product_id' => $product_id]);
$product = $stmt->fetch(PDO::FETCH_ASSOC);

if (!$product) {
	die('Product not found.');
}

$qr_code_path = $product['qr_url'] ?? '';

if (empty($qr_code_path)) {
	die('QR Code not available for this product.');
}

// Handle form submission
if ($_SERVER['REQUEST_METHOD'] === 'POST') {
	$proof_link = filter_var($_POST['proof'], FILTER_SANITIZE_URL);
	$product_id = filter_var($_POST['product_id'], FILTER_VALIDATE_INT);

	if (!preg_match("/^https?:\/\/drive\.google\.com\/.*/", $proof_link)) {
      die('Invalid proof link. Please submit a valid Google Drive link.');
	}

	// Fetch the latest order ID
	$sql = "SELECT MAX(id) AS max_id FROM orders";
	$result = $conn->query($sql);
	$row = $result->fetch(PDO::FETCH_ASSOC);
	$max_id = $row['max_id'];

	if (!$max_id) {
	die('No orders found.');
	}

	// Fetch user email for the latest order
	$email_stmt = $conn->prepare("SELECT email FROM orders WHERE id = :order_id LIMIT 1");
   $email_stmt->execute([':order_id' => $max_id]);
	$user = $email_stmt->fetch(PDO::FETCH_ASSOC);

	if (!$user) {
	die('User email not found.');
	}
```

```
        $user_email = $user['email'];

        // Save proof link in the database
        $update_stmt = $conn->prepare("UPDATE orders SET proof_link = :proof_link WHERE id =
:order_id");
   $update_stmt->execute([
          ':proof_link' => $proof_link,
        ':order_id' => $max_id,
        ]);

        // Send email
        $mail = new PHPMailer(true);

        try {
        // SMTP settings
    $mail->isSMTP();
    $mail->Host = 'smtp.gmail.com';
    $mail->SMTPAuth = true;
    $mail->Username = 'rajeshwaranjy@gmail.com';
    $mail->Password = 'ogfa nkpt ctxl wbyo'; // App password
    $mail->SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS;
    $mail->Port = 587;

        // Email details
        $mail->setFrom('rajeshwaranjy@gmail.com', 'Our Aquarium World');
    $mail->addAddress($user_email);
    $mail->Subject = 'Proof Submission Confirmation';
    $mail->Body = "Thank you for ordering from us & submitting your proof link. \n
        We have received the following proof link for your order:\n
    $proof_link\n\n
        You will be contacted by our team soon.\n
        You can track your order by calling +91 9360857139.";

    $mail->send();
        // Redirect to success page after sending
    header("Location: success.php");
        exit;
        } catch (Exception $e) {
    error_log($e->getMessage(), 3, 'error_log.txt');
        die('An error occurred while sending the email. Please try again later.');
        }
}
?>

<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
```

```
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
        <title>QR Code for <?php echo htmlspecialchars($product['name']); ?></title>
        <link rel="stylesheet"
href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css">
        <link rel="stylesheet" href="CSS/payment.css">
</head>
<body>
<header>
        <nav>
        <input type="checkbox" id="check" />
        <label for="check" id="check-btn">
        <i class="fas fa-bars"></i>
    </label>
        <img src="images/logo.PNG" alt="logo" />
        <ul>
       <li><a href="main.html">Home</a></li>
       <li><a href="ABTUS.php">About Us</a></li>
        <li><a href="learn.php">Learn</a></li>
       <li><a class="home" href="shop.php">Shop</a></li>
       <li><a href="adopt.php">Adopt</a></li>
       <li><a href="Service.php">Service</a></li>
       <li><a href="Tickets.php">Tickets</a></li>
        </ul>
        </nav>
</header>
<div class="container text-center mt-5">
        <div class="qr-box shadow-lg p-4 bg-white rounded">
        <h1 class="mb-4 text-primary">QR Code for <?php echo htmlspecialchars($product['name']);
?></h1>

        <!-- Debugging QR Code Path -->
        <p class="text-danger">Scan the QR Code to proceed with payment</p>

        <?php if (!empty($qr_code_path)) : ?>
        <img src="<?php echo htmlspecialchars($qr_code_path); ?>" alt="QR Code" class="img-fluid
border border-3 border-primary rounded" style="width: 250px; height: 400px; object-fit: cover;">
        <p class="mt-4 text-muted fs-5">Scan this QR code to proceed with the payment.</p>
        <?php else : ?>
        <p class="text-danger">QR Code not available for this product.</p>
        <?php endif; ?>

        <form action="" method="post" enctype="multipart/form-data" class="mt-4">
        <div class="mb-3">
          <label for="proof" class="form-label text-secondary"> ⓘ Note: Submission of wrong or
inappropriate links will lead to cancellation.</label>
         <label for="proof" class="form-label text-secondary">Upload Proof (Google Drive Link from the
registered email with free access):</label>
         <input
```

```
                type="url"
                name="proof"
                id="proof"
                class="form-control border-primary shadow-sm"
                placeholder="Paste your proof link here"
                required>
            </div>
            <input type="hidden" name="product_id" value="<?php echo htmlspecialchars($product_id);
?>">
            <button type="submit" class="btn btn-primary btn-lg px-5 mt-3 shadow">Submit Proof</button>
        </form>
            </div>
</div>
<footer class="bg-dark text-white py-3 text-center">
        <p>&copy; 2025 Our Aquarium World. All rights reserved.</p>
</footer>
</body>
</html>
```

success.php

```
<?php
// success.php
session_start();
?>

<!DOCTYPE html>
<html lang="en">
<head>
            <meta charset="UTF-8">
            <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <title>Order Success</title>
            <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
            <link rel="stylesheet" href="CSS/success.css">
</head>
<nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
        </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
          <li><a href="main.html">Home</a></li>
```

```
        <li><a href="ABTUS.php">About Us</a></li>
        <li><a href="learn.php">Learn</a></li>
        <li><a class="home" href="shop.php">Shop</a></li>
        <li><a href="adopt.php">Adopt</a></li>
        <li><a href="Service.php">Service</a></li>
        <li><a href="Tickets.php">Tickets</a></li>
            </ul>
            </nav>
            <br>
    <center>
            <body>
            <div class="order-success-box">
            <img src="https://cdn-icons-png.flaticon.com/512/190/190411.png" alt="Order Success Icon"
class="success-icon">
      <h1>Thank You for Your Order!</h1>
      <p>Your order is being processed. You will receive an email confirmation shortly.</p>
      <p>Our team will contact you to confirm the delivery.</p>
            <p>We appreciate your business!</p>
            <a href="shop.php" class="btn btn-primary">Back to Shop</a>
            </div>

            <footer>
            &copy; 2025 Our Aquarium World. All rights reserved.
            </footer>

            <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</body></center>
</html>
```

admin.php

```
<?php
// Database connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "aquarium_world";

try {
            $conn = new PDO("mysql:host=$servername;dbname=$dbname", $username, $password);
   $conn->setAttribute(PDO::ATTR_ERRMODE, PDO::ERRMODE_EXCEPTION);

            // Fetch products, categories, and payment statuses
            $products = $conn->query("SELECT * FROM products")->fetchAll();
            $categories = $conn->query("SELECT * FROM categories")->fetchAll();
            $payments = $conn->query("SELECT * FROM orders")->fetchAll();
```

```
        // Handle Add/Edit/Delete Product
        if ($_SERVER['REQUEST_METHOD'] === 'POST') {
        // Add Product
        if (isset($_POST['add_product'])) {
        $stmt = $conn->prepare("INSERT INTO products (name, description, prize, category_id, img_url)
VALUES (?, ?, ?, ?, ?)");
      $stmt->execute([$_POST['name'], $_POST['description'], $_POST['prize'], $_POST['category_id'],
$_POST['img_url']]);
        }

        // Edit Product
        if (isset($_POST['edit_product'])) {
        $stmt = $conn->prepare("UPDATE products SET name = ?, description = ?, prize = ?, category_id
= ?, img_url = ? WHERE id = ?");
      $stmt->execute([$_POST['name'], $_POST['description'], $_POST['prize'], $_POST['category_id'],
$_POST['img_url'], $_POST['product_id']]);
        }

        // Delete Product
        if (isset($_POST['delete_product'])) {
        $stmt = $conn->prepare("DELETE FROM products WHERE id = ?");
      $stmt->execute([$_POST['product_id']]);
        }

        // Handle category add, edit, delete
        if (isset($_POST['add_category'])) {
        $stmt = $conn->prepare("INSERT INTO categories (name) VALUES (?)");
      $stmt->execute([$_POST['category_name']]);
        } elseif (isset($_POST['delete_category'])) {
        $stmt = $conn->prepare("DELETE FROM categories WHERE id = ?");
      $stmt->execute([$_POST['category_id']]);
        }

        // Handle payment status update
        if (isset($_POST['update_payment'])) {
        $stmt = $conn->prepare("UPDATE orders SET payment_status = ? WHERE id = ?");
      $stmt->execute([$_POST['payment_status'], $_POST['id']]);
        }
        }

        // Get product details for editing if the edit button is clicked
        if (isset($_GET['edit_product_id'])) {
        $product_id = $_GET['edit_product_id'];
        $stmt = $conn->prepare("SELECT * FROM products WHERE id = ?");
    $stmt->execute([$product_id]);
    $product_to_edit = $stmt->fetch();
        }
} catch (PDOException $e) {
```

```
        die("<p class='text-danger'>Connection failed: " . htmlspecialchars($e->getMessage()) . "</p>");
}
?>


<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Shop Admin | Our Aquarium World</title>
        <link href="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/css/bootstrap.min.css"
rel="stylesheet">
        <style>
        body {
        margin: 0;
       padding: 0;
       font-family: Arial, sans-serif;
        background-color: aqua;
        }
        .container {
       margin-top: 50px;
        }
     .form-container {
        margin-bottom: 30px;
        }
     .card-header {
        background-color: #c50529;
        color: white;
        }
     .btn-primary {
        background-color: #c50529;
        }
        </style>
</head>
<body>

<div class="container">
        <h2 class="text-center mb-4">Our Aquarium World - Shop Admin Dashboard</h2>

<!-- Add Product Form -->
<div class="form-container">
        <div class="card">
        <div class="card-header">
        Add Product
     </div>
        <div class="card-body">
       <form id="addProductForm">
```

```
            <div class="mb-3">
              <label for="name" class="form-label">Product Name</label>
              <input type="text" class="form-control" name="name" required>
            </div>
            <div class="mb-3">
              <label for="description" class="form-label">Product Description</label>
              <textarea class="form-control" name="description" rows="3" required></textarea>
            </div>
            <div class="mb-3">
              <label for="prize" class="form-label">Price</label>
              <input type="number" class="form-control" name="prize" required>
            </div>
            <div class="mb-3">
              <label for="category" class="form-label">Category</label>
              <select class="form-control" name="category_id">
                <?php foreach ($categories as $category): ?>
                    <option value="<?= $category['id'] ?>"><?= htmlspecialchars($category['name'])
?></option>
                <?php endforeach; ?>
                </select>
            </div>
            <div class="mb-3">
              <label for="img_url" class="form-label">Image URL</label>
              <input type="text" class="form-control" name="img_url">
            </div>
           <button type="submit" class="btn btn-primary">Add Product</button>
        </form>
      </div>
          </div>
</div>
<!-- Product Table with Edit and Delete buttons -->
<div class="product-table">
   <h3>Product List</h3>
          <table class="table table-bordered">
      <thead>
        <tr>
          <th>Name</th>
          <th>Description</th>
          <th>Price</th>
          <th>Category</th>
          <th>Image</th>
          <th>Actions</th>
        </tr>
      </thead>
      <tbody>
        <?php foreach ($products as $product): ?>
          <tr id="product-<?= $product['id'] ?>">
            <td><?= htmlspecialchars($product['name']) ?></td>
```

```
                <td><?= htmlspecialchars($product['description']) ?></td>
                <td><?= htmlspecialchars($product['prize']) ?></td>
                <td><?= htmlspecialchars($product['category_id']) ?></td>
                <td><img src="<?= htmlspecialchars($product['img_url']) ?>" alt="Product Image"
width="100"></td>
                <td>
                    <a href="?edit_product_id=<?= $product['id'] ?>" class="btn btn-warning">Edit</a>
                    <form method="POST" action="" style="display:inline;">
                        <input type="hidden" name="product_id" value="<?= $product['id'] ?>">
                        <button type="submit" name="delete_product" class="btn
btn-danger">Delete</button>
                    </form>
                </td>
            </tr>
        <?php endforeach; ?>
    </tbody>
        </table>
</div>

<!-- Edit Product Form -->
<?php if (isset($product_to_edit)): ?>
        <div class="form-container">
    <h3>Edit Product</h3>
        <form method="POST" action="">
        <input type="hidden" name="product_id" value="<?= $product_to_edit['id'] ?>">
        <input type="text" name="name" value="<?= htmlspecialchars($product_to_edit['name']) ?>"
required>
        <textarea name="description" required><?= htmlspecialchars($product_to_edit['description'])
?></textarea>
        <input type="number" name="prize" value="<?= htmlspecialchars($product_to_edit['prize']) ?>"
required>
        <select name="category_id">
            <?php foreach ($categories as $category): ?>
                <option value="<?= $category['id'] ?>" <?= $product_to_edit['category_id'] == $category['id']
? 'selected' : '' ?>>
                    <?= htmlspecialchars($category['name']) ?>
                </option>
            <?php endforeach; ?>
        </select>
        <input type="text" name="img_url" value="<?= htmlspecialchars($product_to_edit['img_url']) ?>"
placeholder="Image URL">
        <button type="submit" name="edit_product" class="btn btn-primary">Update Product</button>
    </form>
        </div>
<?php endif; ?>

        <!-- Add Category Form -->
        <div class="form-container">
```

```
    <div class="card">
    <div class="card-header">
          Add Category
  </div>
    <div class="card-body">
     <form method="POST">
        <input type="hidden" name="add_category">
        <div class="mb-3">
           <label for="category_name" class="form-label">Category Name</label>
           <input type="text" class="form-control" name="category_name" required>
        </div>
        <button type="submit" class="btn btn-primary">Add Category</button>
     </form>
  </div>
</div>
    </div>

    <!-- Categories Table -->
    <div class="form-container">
    <div class="card">
    <div class="card-header">
     Manage Categories
  </div>
    <div class="card-body">
     <table class="table table-bordered">
        <thead>
           <tr>
              <th>Category Name</th>
             <th>Actions</th>
           </tr>
        </thead>
        <tbody>
           <?php foreach ($categories as $category): ?>
              <tr>
                <td><?= htmlspecialchars($category['name']) ?></td>
              <td>
                        <!-- Delete Category -->
                        <form method="POST" style="display:inline-block;">
                        <input type="hidden" name="delete_category" value="1">
                    <input type="hidden" name="category_id" value="<?= $category['id'] ?>">
                        <button type="submit" class="btn btn-danger">Delete</button>
                   </form>
              </td>
              </tr>
           <?php endforeach; ?>
        </tbody>
     </table>
  </div>
```

```
        </div>
        </div>

        <!-- Payment Status Table -->
        <div class="form-container">
        <div class="card">
        <div class="card-header">
         Manage Payment Status
       </div>
        <div class="card-body">
         <table class="table table-bordered">
            <thead>
               <tr>
                   <th>Order ID</th>
                  <th>Status</th>
                  <th>Actions</th>
               </tr>
            </thead>
            <tbody>
               <?php foreach ($payments as $payment): ?>
                   <tr>
                     <td><?= htmlspecialchars($payment['id']) ?></td>
                     <td><?= htmlspecialchars($payment['payment_status']) ?></td>
                   <td>
                             <!-- Update Payment Status -->
                             <form method="POST" style="display:inline-block;">
                          <input type="hidden" name="update_payment" value="1">
                          <input type="hidden" name="id" value="<?= $payment['id'] ?>">
                        <select name="payment_status" class="form-control">
                             <option value="paid" <?= $payment['payment_status'] == 'paid' ? 'selected' : ''
?>>Paid</option>
                             <option value="pending" <?= $payment['payment_status'] == 'pending' ?
'selected' : '' ?>>Pending</option>
                          </select>
                          <button type="submit" class="btn btn-primary mt-2">Update</button>
                              </form>
                   </td>
                   </tr>
               <?php endforeach; ?>
            </tbody>
          </table>
        </div>
      </div>
          </div>
</div>

<script src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
<script src="https://code.jquery.com/jquery-3.6.0.min.js"></script>
```

```
<script>
        // Function to submit Add Product Form via AJAX
   $("#addProductForm").submit(function(e) {
      e.preventDefault();
        var formData = $(this).serialize(); // Get form data

        $.ajax({
        type: "POST",
        url: "admin.php", // Submit to the same page
        data: formData,
       success: function(response) {
         alert("Product added successfully!");
        // Optionally, refresh the product table or update it dynamically
         location.reload();  // Reload page to show the updated product list
        },
        error: function() {
         alert("Error adding product.");
        }
        });
        });

        // Function to delete a product via AJAX
        function deleteProduct(productId) {
        if (confirm("Are you sure you want to delete this product?")) {
       $.ajax({
         type: "POST",
         url: "shop_admin.php",
         data: { delete_product: 1, product_id: productId },
         success: function(response) {
            alert("Product deleted successfully!");
            $("#product-" + productId).remove(); // Remove product row from table
        },
         error: function() {
            alert("Error deleting product.");
        }
        });
        }
        }
</script>
</body>
</html>
```

adopt.php

```
<!DOCTYPE html>
<html lang="en">
<head>
```

```
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Adopt a Pet</title>
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
        <link rel="stylesheet" href="CSS/adpt.css">
</head>
<body>

        <header>
        <nav>
       <input type="checkbox" id="check" />
       <label for="check" id="check-btn">
         <i class="fas fa-bars"></i>
       </label>
         <img src="images/logo.PNG" alt="logo" />
       <ul>
         <li><a href="main.html">Home</a></li>
         <li><a href="ABTUS.php">About Us</a></li>
         <li><a href="learn.php">Learn</a></li>
         <li><a href="shop.php">Shop</a></li>
         <li><a class="learn" href="adopt.php">Adopt</a></li>
         <li><a href="Service.php">Service</a></li>
         <li><a href="Tickets.php">Tickets</a></li>
       </ul>
     </nav>
        </header>

        <div class="container text-center my-4">
        <a href="#adopt-form" class="btn btn-success btn-lg">Go to Adoption Form</a>
</div>

        <!-- Section for Adopted People -->
        <section id="adopted" class="container my-5">
        <h2 class="text-center mb-4">Meet Our Happy Families</h2>
        <div class="row" id="adopted-list">
        <!-- Adopted people will be displayed here dynamically -->
       <?php include('get_adopted.php'); ?>
     </div>
  </section>

        <!-- Adoption Form Section -->
        <section id="adopt-form" class="container my-5">
        <h2 class="text-center mb-4">Interested in Adopting?</h2>
        <form action="submit_adoption.php" method="POST">
        <div class="form-group">
         <label for="name">Your Name:</label>
         <input type="text" class="form-control" id="name" name="name" required>
```

```
        </div>

          <div class="form-group">
           <label for="email">Email Address:</label>
           <input type="email" class="form-control" id="email" name="email" required>
          </div>

          <div class="form-group">
           <label for="phone">Phone Number:</label>
           <input type="text" class="form-control" id="phone" name="phone">
        </div>

          <div class="form-group">
          <label for="pet">Select Pet:</label>
          <select class="form-control" id="pet" name="pet" required>
          <?php
          // Database connection
          $servername = "localhost";
          $username = "root";
          $password = "";
          $dbname = "aquarium_world";

          $conn = new mysqli($servername, $username, $password, $dbname);

          if ($conn->connect_error) {
        die("Connection failed: " . $conn->connect_error);
          }

          // Fetch pets from database
          $sql = "SELECT id, name FROM pets";
          $result = $conn->query($sql);

          if ($result->num_rows > 0) {
          // Loop through pets and create options
          while ($row = $result->fetch_assoc()) {
           echo "<option value='" . $row['id'] . "'>" . htmlspecialchars($row['name']) . "</option>";
          }
          } else {
          echo "<option value=''>No pets available</option>";
          }

      $conn->close();
          ?>
          </select>
</div>

          <div class="form-group">
           <label for="message">Why do you want to adopt?</label>
```

```
          <textarea class="form-control" id="message" name="message" required></textarea>
        </div>

        <button type="submit" class="btn btn-primary">Submit Adoption Application</button>
      </form>
  </section>

        <footer class="bg-dark text-white p-3">
        <p class="text-center">© 2025 Adopt a Pet | All Rights Reserved</p>
        </footer>

        <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
  <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
        <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

get_adopted.php

```
<?php
// Database connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "aquarium_world";

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {
  die("Connection failed: " . $conn->connect_error);
}

// Fetch adopted people from the database
$sql = "SELECT name, image, description FROM adopted_people";
$result = $conn->query($sql);

if ($result->num_rows > 0) {
        while($row = $result->fetch_assoc()) {
        echo '
        <div class="col-md-4">
        <img src="adopt_fishes/' . $row["image"] . '" alt="' . $row["name"] . '">
        <h5>' . $row["name"] . '</h5>
        <p>' . $row["description"] . '</p>
      </div>';
        }
} else {
        echo "<p>No adopted pets found.</p>";
```

```
}

$conn->close();
?>
```

submit_adoption.php

```
<?php
use PHPMailer\PHPMailer\PHPMailer;
use PHPMailer\PHPMailer\Exception;

require 'PHPMailer/PHPMailer/src/Exception.php';
require 'PHPMailer/PHPMailer/src/PHPMailer.php';
require 'PHPMailer/PHPMailer/src/SMTP.php';

if ($_SERVER["REQUEST_METHOD"] == "POST") {
        // Get form data
        $name = $_POST['name'];
        $email = $_POST['email'];
        $phone = $_POST['phone'];
        $pet_id = $_POST['pet'];  // Assuming this is the pet's ID selected in the form
        $message = $_POST['message'];

        // Database connection
        $servername = "localhost";
        $username = "root";
        $password = "";
        $dbname = "aquarium_world";

        // Create connection
        $conn = new mysqli($servername, $username, $password, $dbname);

        if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
        }

        // Fetch the pet name based on the pet ID
        $sql = "SELECT name FROM pets WHERE id = '$pet_id'";
        $result = $conn->query($sql);

        if ($result->num_rows > 0) {
        $row = $result->fetch_assoc();
        $pet_name = $row['name'];  // Get the pet's name from the database
        } else {
        $pet_name = "Unknown Pet";  // Fallback if no pet found
        }

        // Insert adoption details into the database
```

```
$sql = "INSERT INTO adoption_applications (name, email, phone, pet, message)
VALUES ('$name', '$email', '$phone', '$pet_name', '$message')";

if ($conn->query($sql) === TRUE) {
// Send confirmation email using PHPMailer
$mail = new PHPMailer(true);
try {
// Server settings
$mail->isSMTP();
$mail->Host = 'smtp.gmail.com'; // Replace with your SMTP host
$mail->SMTPAuth = true;
$mail->Username = 'rajeshwaranjy@gmail.com'; // Your SMTP email
$mail->Password = 'ogfa nkpt ctxl wbyo'; // Your SMTP password
$mail->SMTPSecure = PHPMailer::ENCRYPTION_STARTTLS;
$mail->Port = 587;

// Recipients
$mail->setFrom('rajeshwaranjy@gmail.com', 'Our Aquarium World');
$mail->addAddress($email, $name);

// Content
$mail->isHTML(true);
$mail->Subject = "Thank You for Your Adoption Request!";
$mail->Body = "
<h2>Dear $name,</h2>
<p>Thank you for your interest in adopting a <strong>$pet_name</strong>. We have received your application and will contact you shortly.</p>
<p><strong>Your Details:</strong></p>
<ul>
<li><strong>Name:</strong> $name</li>
<li><strong>Email:</strong> $email</li>
<li><strong>Phone:</strong> $phone</li>
<li><strong>Your Friend:</strong> $pet_name</li>
<li><strong>Message:</strong> $message</li>
</ul>
<p>Best regards,<br>The Aquarium World Team</p>
";

// Send email
$mail->send();
// Redirect to success page
header("Location: adopt_success.html");
} catch (Exception $e) {
echo "<p>Application submitted, but we were unable to send a confirmation email. Mailer Error: {$mail->ErrorInfo}</p>";
}
} else {
echo "<p>Error: " . $sql . "<br>" . $conn->error . "</p>";
```

```
        }

   $conn->close();
}
?>
```

adopt_success.html

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Adoption Successful</title>
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
        <link rel="stylesheet" href="CSS/adpt.css"/>
</head>
<body>
        <header>
        <nav>
        <input type="checkbox" id="check" />
        <label for="check" id="check-btn">
        <i class="fas fa-bars"></i>
       </label>
        <img src="images/logo.PNG" alt="logo" />
       <ul>
         <li><a href="main.html">Home</a></li>
         <li><a href="ABTUS.php">About Us</a></li>
         <li><a href="learn.php">Learn</a></li>
         <li><a href="shop.php">Shop</a></li>
         <li><a class="learn" href="adopt.php">Adopt</a></li>
         <li><a href="Service.php">Service</a></li>
       </ul>
      </nav>
      </header>

        <!-- Success Message Section -->
        <section class="container my-5">
        <div class="row justify-content-center">
        <div class="col-md-8 col-lg-6">
         <!-- Success Card -->
         <div class="card shadow-lg" style="border-radius: 15px;">
            <div class="card-body text-center">
               <img
src="https://img.icons8.com/?size=100&id=FFdft2aGmPoF&format=png&color=40C057" alt="Success
Icon" class="img-fluid mb-4" style="width: 100px;">
                <h2 class="card-title text-success mb-4">Congratulations!</h2>
```

```
                <p class="lead">Your Intrest adoption application has been successfully received. We are thrilled that you have chosen to adopt a Friend!</p>
                <p class="mb-4">You will receive a email , Our team will reach out to you shortly to complete the process and provide further details. In the meantime, feel free to browse more of Our Aquarium World.</p>
                <a href="adopt.php" class="btn btn-primary btn-lg">Explore More</a>
                <a href="main.html" class="btn btn-secondary btn-lg ml-3">Return to Home</a>
            </div>
        </div>
    </div>
  </section>

        <footer class="bg-dark text-white p-3">
        <p class="text-center">© 2025 Our Aquarium World | All Rights Reserved</p>
        </footer>

        <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
        <script src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
        <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

Service.php

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
  <title>Contact Us</title>
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css" rel="stylesheet">
        <link rel="stylesheet" href="CSS/service.css">
        <style>
    .service-img {
        width: 100%;
        height: 250px;
        object-fit: cover;
      border-radius: 10px;
      transition: transform 0.3s ease;
        }

    .service-card:hover .service-img {
      transform: scale(1.1);
        }
```

```
      .service-card {
         position: relative;
               overflow: hidden;
         border-radius: 10px;
         box-shadow: 0 4px 10px rgba(0, 0, 0, 0.1);
         margin-bottom: 20px;
          }

      .service-card h4 {
         position: absolute;
          bottom: 10px;
          left: 10px;
          color: white;
         background-color: rgba(0, 0, 0, 0.5);
         padding: 5px;
         border-radius: 5px;
          }

      .review-section {
         margin-top: 50px;
          }

      .review-card {
           border: 1px solid #ddd;
         padding: 20px;
         margin-bottom: 20px;
         border-radius: 10px;
         background-color: #f8f8f8;
          }

      .star-rating {
           color: gold;
          }
          </style>
</head>
<body>
          <header>
          <nav>
         <input type="checkbox" id="check" />
         <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
         </label>
          <img src="images/logo.PNG" alt="logo" />
          <ul>
           <li><a href="main.html">Home</a></li>
           <li><a href="ABTUS.php">About Us</a></li>
           <li><a href="learn.php">Learn</a></li>
           <li><a href="shop.php">Shop</a></li>
```

```
      <li><a href="adopt.php">Adopt</a></li>
      <li><a class="home" href="Service.php">Service</a></li>
      <li><a href="Tickets.php">Tickets</a></li>
    </ul>
</nav>
    </header>

    <main class="container my-5">
    <section>
    <h1 class="text-center mb-4" style="color:red">Our Services</h1>
    <div class="row">
     <!-- Include service images dynamically here -->
     <div class="col-md-4">
        <div class="service-card">
           <img src="images/service1.jpg" class="service-img" alt="Service 1">
           <h4>Planted Tank Setup</h4>
        </div>
     </div>
     <div class="col-md-4">
        <div class="service-card">
           <img src="images/bedroomsetup.jpg" class="service-img" alt="Service 2">
           <h4>Inter Home Setup</h4>
        </div>
     </div>
        <div class="col-md-4">
        <div class="service-card">
           <img src="images/puremarinesetup.jpg" class="service-img" alt="Service 3">
           <h4>Marine Setup</h4>
        </div>
          </div>
     <div class="col-md-4">
        <div class="service-card">
           <img src="images/officesetup.png" class="service-img" alt="Service 3">
           <h4>Office Setup</h4>
         </div>
     </div>
     <div class="col-md-4">
        <div class="service-card">
           <img src="images/service2.jpg" class="service-img" alt="Service 3">
           <h4>Tank Cleaning</h4>
        </div>
     </div>
     <div class="col-md-4">
        <div class="service-card">
           <img src="images/ser.jpeg" class="service-img" alt="Service 3">
           <h4>Community Tank Setup</h4>
        </div>
     </div>
```

```
          <div class="col-md-4">
            <div class="service-card">
              <img src="images/filt.jpeg" class="service-img" alt="Service 3">
                    <h4>Filteration Installation</h4>
            </div>
          </div>
          <div class="col-md-4">
            <div class="service-card">
              <img src="images/shopser.jpeg" class="service-img" alt="Service 3">
              <h4>Shop Setup</h4>
            </div>
          </div>
          <div class="col-md-4">
            <div class="service-card">
              <img src="images/light.jpeg" class="service-img" alt="Service 3">
              <h4>Light Installation</h4>
            </div>
          </div>
        </div>
      </section>

          <section class="review-section">
          <h2 class="text-center mb-4">Customer Reviews</h2>
          <div class="review-card">
            <h5>B.Taufiq  <span class="star-rating">⭐⭐⭐⭐⭐</span></h5>
           <p>I had the pleasure of attending one of their aquarium care workshops, and it was an incredibly informative session. I learned so much about fish care, water chemistry, and tank maintenance. The staff were so passionate and knowledgeable. I left feeling much more confident about maintaining my own aquarium. Highly recommended!</p>
          </div>
            <div class="review-card">
              <h5>Praveen S <span class="star-rating">⭐⭐⭐⭐</span></h5>
             <p>A fantastic aquarium experience! The exhibits were beautifully designed, showcasing vibrant marine life up close. The underwater tunnel was mesmerizing, and the interactive touch pools added a fun, hands-on element. Everything was well-maintained, and the atmosphere was peaceful and immersive. A perfect visit for all ages—highly recommended!</p>
          </div>
            <div class="review-card">
              <h5>Vijay Vignesh.S <span class="star-rating">⭐⭐⭐⭐⭐</span></h5>
             <p>Excellent customer service! I had an issue with one of my filters that I bought online, and the team at Our Aquarium World were quick to help with a replacement. They were polite, responsive, and went above and beyond to ensure I was happy. Will definitely shop here again.</p>
          </div>
            <div class="review-card">
              <h5>Yamini <span class="star-rating">⭐⭐⭐⭐⭐</span></h5>
             <p>I've been a regular customer of Our Aquarium World for a few years now, and I can't recommend them enough. Their aquarium setup services are top quality. They helped me design a
```

beautiful, low-maintenance aquarium, and I’m always getting compliments on how stunning it looks. Fantastic service every time!

<h5>Rishivandhini ⭐⭐⭐⭐</h5>
The services at Our Aquarium World are top-notch. I signed up for their tank maintenance service, and I couldn’t be happier. My aquarium looks better than ever, and the technicians are very professional. They even gave me tips on improving the health of my fish. A must-visit for aquarium enthusiasts!

<h5>Vijayadharshini ⭐⭐⭐⭐⭐</h5>
I had an amazing experience at Our Aquarium World! The staff were incredibly helpful in assisting me with choosing the right fish and aquarium setup. The tanks are beautifully maintained, and the variety of fish and aquatic plants is stunning. Highly recommend for anyone looking to create their dream aquarium!

<h5>Surendran ⭐⭐⭐⭐</h5>
I recently adopted a fish from Our Aquarium World, and while the process was smooth, I wasn’t entirely satisfied with the advice given regarding tank setup. Some of the fish didn’t seem to get along as expected. However, the customer service was good, and I’ll still consider returning for more supplies.

<h5>Divyalakshmi ⭐⭐⭐⭐⭐</h5>
I love the variety of products available at Our Aquarium World. From fish to tanks and accessories, everything is of great quality. The staff are friendly and knowledgeable. I only wish they had a loyalty program for regular customers. Still, overall, a great place for all aquarium needs.

<h5>Bharath ⭐⭐⭐</h5>
The products are great, but I was a bit disappointed by the long wait time for tank maintenance services. I had to reschedule my appointment a few times. The technicians were professional, but I wish the timing could have been more flexible. Still, my tank looks great now!

</section>

<section class="contact-form mt-5">
<h2 class="text-center mb-4">For our Services | Contact us</h2>
<form action="submit_contact.php" method="POST" class="p-4">

<label for="name">Name</label>
<input type="text" class="form-control" id="name" name="name" placeholder="Enter your name" required>

```
                <label for="email">Email</label>
                <input type="email" class="form-control" id="email" name="email" placeholder="Enter
your email" required>
              </div>
            </div>
            <div class="form-group">
              <label for="message">Message</label>
              <textarea class="form-control" id="message" name="message" rows="4" placeholder="Your
message here..." required></textarea>
               </div>
            <button type="submit" class="btn btn-primary btn-block">Submit</button>
          </form>
      </section>

          <section class="contact-form mt-5">
          <h3>Share Your Review with Us!</h3>
          <p>We would love to hear about your experience. Please fill out the Google Form below:</p>
            <a href="https://forms.gle/CNmisDpVL3ystEt16" class="btn btn-success">Give Your Review</a>
      </section>
          </main>

          <footer class="bg-dark text-white text-center p-3">
      <p>&copy; 2025 Our Aquarium World | All Rights Reserved</p>
          </footer>

          <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
          <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.3/dist/umd/popper.min.js"></script>
          <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

services.php

```
<!DOCTYPE html>
<html lang="en">
<head>
          <meta charset="UTF-8">
          <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>service_images</title>
          <link rel="stylesheet" href="CSS/service.css">
</head>
</html>
<?php
$services = [
          [
      "title" => "Office Tank setup",
      "image" => "images/officesetup.png",
```

```
        ],
        [
    "title" => "Marine Tank Setup",
    "image" => "images/puremarinesetup.jpg",
        ],
        [
    "title" => "Home Interior Services",
    "image" => "images/bedroomsetup.jpg",
        ],
        [
    "title" => "Planted Tank Setup",
    "image" => "images/service1.jpg",
        ],
        [
    "title" => "House Tank Cleaning",
    "image" => "images/service2.jpg",
        ],
        [
    "title" => "House Community Setup",
    "image" => "images/ser.jpeg",
        ],
        [
          "title" => "Filteration Setup",
    "image" => "images/filt.jpeg",
        ],
        [
    "title" => "Shop Setup",
    "image" => "images/shopser.jpeg",
        ],
        [
    "title" => "Lighting Setup",
    "image" => "images/light.jpeg",
        ],
];

foreach ($services as $service) {
        echo '
        <div class="col-md-6 col-lg-4 mb-4">
        <div class="card shadow-sm">
        <img src="' . $service["image"] . '" class="card-img-top" alt="' . $service["title"] . '" height="300"
width="300">
        <div class="card-body text-center">
         <h5 class="card-title">' . $service["title"] . '</h5>
       </div>
    </div>
        </div>
        ';
}
```

```
?>
```

service_thankyou.html

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Thank You | Aquarium World</title>
        <link rel="stylesheet"
href="https://cdnjs.cloudflare.com/ajax/libs/bootstrap/5.1.3/css/bootstrap.min.css">
        <link rel="stylesheet" href="CSS/thankyou.css">
</head>
<header>
        <nav>
        <input type="checkbox" id="check" />
        <label for="check" id="check-btn">
        <i class="fas fa-bars"></i>
    </label>
        <img src="images/logo.PNG" alt="logo" />
        <ul>
      <li><a href="main.html">Home</a></li>
      <li><a href="ABTUS.php">About Us</a></li>
      <li><a href="learn.php">Learn</a></li>
      <li><a href="shop.php">Shop</a></li>
      <li><a href="adopt.php">Adopt</a></li>
        <li><a class="learn" href="Service.php">Service</a></li>
      <li><a href="Tickets.php">Tickets</a></li>
        </ul>
        </nav>
        </header>

<br>
<center>
<body>
        <div class="thank-you-box">
        <img src="https://cdn-icons-png.flaticon.com/512/190/190411.png" alt="Thank You Icon"
class="thank-you-image">
      <h1>Thankyou for Contacting us!</h1>
        <p>We will review it shortly and get back to you.</p>
        <a href="Service.php" class="btn btn-primary">Back to Service Page</a>
        </div>
</body>
 <footer>
        &copy; 2024 Aquarium World. All Rights Reserved.
        </footer>
```

```
        <script
src="https://cdn.jsdelivr.net/npm/bootstrap@5.3.0/dist/js/bootstrap.bundle.min.js"></script>
</center>
</html>
```

Tickets.php

```
<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Aquarium Ticket Booking</title>
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
        <link rel="stylesheet" href="CSS/ticket.css">
</head>
<header>
<nav>
        <input type="checkbox" id="check" />
        <label for="check" id="check-btn">
        <i class="fas fa-bars"></i>
      </label>
        <img src="images/logo.PNG" alt="logo" />
        <ul>
       <li><a href="main.html">Home</a></li>
       <li><a href="ABTUS.php">About Us</a></li>
       <li><a href="learn.php">Learn</a></li>
       <li><a href="shop.php">Shop</a></li>
       <li><a href="adopt.php">Adopt</a></li>
       <li><a href="Service.php">Service</a></li>
       <li><a class="home" href="Tickets.php">Tickets</a></li>
        </ul>
        </nav>
</header>
<body>
        <div class="container mt-5">
        <!-- Book Ticket Button -->
        <a href="#booking-form" class="btn btn-primary btn-lg book-ticket-btn">Book Your Tickets</a>

        <h2 style="color:white" class="text-center mt-4">Available Ticket Options</h2>
        <div class="row">
        <div class="col-md-3">
         <div class="ticket-option-card">
            <h5>1 Adult</h5>
            <p>₹300</p>
            <p>Enjoy the aquarium with a single adult ticket.</p>
            <a href="#booking-form" class="btn btn-primary">Book Now</a>
```

```
          </div>
        </div>
          <div class="col-md-3">
          <div class="ticket-option-card">
            <h5>1 Child</h5>
            <p>₹150</p>
            <p>A single child can experience the wonders of the aquarium.</p>
            <a href="#booking-form" class="btn btn-primary">Book Now</a>
          </div>
        </div>
          <div class="col-md-3">
            <div class="ticket-option-card">
            <h5>2 Adults + 1 Child</h5>
            <p>₹700</p>
            <p>Perfect for a family with one child.</p>
            <a href="#booking-form" class="btn btn-primary">Book Now</a>
          </div>
        </div>
          <div class="col-md-3">
          <div class="ticket-option-card">
            <h5>2 Adults + 2 Children</h5>
            <p>₹800</p>
            <p>For a complete family experience.</p>
            <a href="#booking-form" class="btn btn-primary">Book Now</a>
          </div>
        </div>
      </div>
<center>
          <!-- Booking Form -->
          <div id="booking-form" class="mt-5">
          <h2 class="text-center">Book Your Tickets</h2>
        <form action="redirect_qr.php" method="POST" class="mt-4">
          <div class="form-group">
            <label for="name">Your Name:</label>
            <input type="text" id="name" name="name" class="form-control" required>
          </div>
          <div class="form-group">
            <label for="email">Email Address:</label>
            <input type="email" id="email" name="email" class="form-control" required>
          </div>
          <div class="form-group">
            <label for="ticket_option">Select Ticket Option:</label>
            <select id="ticket_option" name="ticket_option" class="form-control" required>
              <option value="300">1 Adult - ₹300</option>
              <option value="150">1 Child - ₹150</option>
              <option value="700">2 Adults + 1 Child - ₹700</option>
              <option value="800">2 Adults + 2 Children - ₹800</option>
            </select>
```

```
            </div>
            <button type="submit" class="btn btn-primary btn-block">Proceed to Payment</button>
          </form>
      </div>
            </div></center><br>
   <center><footer>
            &copy; 2024 Aquarium World. All Rights Reserved.
            </footer>
</center>
            <script src="https://code.jquery.com/jquery-3.5.1.slim.min.js"></script>
            <script
src="https://cdn.jsdelivr.net/npm/@popperjs/core@2.5.4/dist/umd/popper.min.js"></script>
            <script src="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/js/bootstrap.min.js"></script>
</body>
</html>
```

payment_qr.php

```
<?php
$name = htmlspecialchars($_GET['name']);
$email = htmlspecialchars($_GET['email']);
$ticket_option = htmlspecialchars($_GET['ticket_option']);
$qr_code = htmlspecialchars($_GET['qr_code']);
?>
<html lang="en">
<head>
   <title>Payment QR Code</title>
            <link rel="stylesheet" href="CSS/payment_qr.css">
            <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
</head>
<header>
<nav>
            <input type="checkbox" id="check" />
            <label for="check" id="check-btn">
            <i class="fas fa-bars"></i>
      </label>
            <img src="images/logo.PNG" alt="logo" />
            <ul>
        <li><a href="main.html">Home</a></li>
        <li><a href="ABTUS.php">About Us</a></li>
        <li><a href="learn.php">Learn</a></li>
        <li><a href="shop.php">Shop</a></li>
        <li><a href="adopt.php">Adopt</a></li>
```

```
      <li><a href="Service.php">Service</a></li>
      <li><a class="home" href="Tickets.php">Tickets</a></li>
        </ul>
        </nav>
</header>
<body>
        <div class="container mt-5">
        <h2 class="text-center">Complete Your Payment</h2>

        <div class="row mt-4">
        <!-- QR Code Section -->
        <div class="col-md-6 qr-section text-center">
         <h4>Scan to Pay</h4>
                <img src="<?php echo $qr_code; ?>" alt="QR Code">
         <p>Amount: ₹<?php echo $ticket_option; ?></p>
       </div>

        <!-- Payment Proof Form -->
        <div class="col-md-6 form-section">
         <h4>Submit Payment Proof</h4>
         <form action="save_payment.php" method="POST">
            <input type="hidden" name="name" value="<?php echo $name; ?>">
            <input type="hidden" name="email" value="<?php echo $email; ?>">
                    <input type="hidden" name="ticket_option" value="<?php echo $ticket_option; ?>">

            <div class="form-group">
              <label for="transaction_id">Transaction ID:</label>
              <input type="text" id="transaction_id" name="transaction_id" class="form-control"
required>
            </div>

            <div class="form-group">
              <label for="proof_link">Google Drive Link for Payment Proof:</label>
              <input type="url" id="proof_link" name="proof_link" class="form-control" required>
            </div>

            <button type="submit" class="btn btn-success btn-block">Submit Payment Proof</button>
          </form>
        </div>
     </div>
        </div>
</body>
</html>
```

ticket_success.php

```
<?php
// Fetch user details from the URL parameters
```

```
$name = htmlspecialchars($_GET['name']);
$ticket_option = htmlspecialchars($_GET['ticket_option']);

// Database connection
$servername = "localhost";
$username = "root";
$password = "";
$dbname = "aquarium_world"; // Change this to your database name

// Create connection
$conn = new mysqli($servername, $username, $password, $dbname);

// Check connection
if ($conn->connect_error) {
   die("Connection failed: " . $conn->connect_error);
}

// Ticket descriptions
$ticket_descriptions = [
        300 => "1 Adult - ₹300",
        150 => "1 Child - ₹150",
        700 => "2 Adults + 1 Child - ₹700",
        800 => "2 Adults + 2 Children - ₹800",
];
$ticket_description = $ticket_descriptions[$ticket_option] ?? "Unknown Ticket Option";

// Query the latest payment ID from the 'payments' table
$sql = "SELECT id FROM payments ORDER BY id DESC LIMIT 1";
$result = $conn->query($sql);
$payment_id = null; // Initialize payment_id variable

if ($result->num_rows > 0) {
        // Fetch the latest payment ID
        $row = $result->fetch_assoc();
        $payment_id = $row['id'];
}

// Close the database connection
$conn->close();
?>

<!DOCTYPE html>
<html lang="en">
<head>
        <meta charset="UTF-8">
        <meta name="viewport" content="width=device-width, initial-scale=1.0">
   <title>Booking Success</title>
        <link rel="stylesheet" href="CSS/thank.css">
```

```
        <link href="https://stackpath.bootstrapcdn.com/bootstrap/4.5.2/css/bootstrap.min.css"
rel="stylesheet">
</head>
<body>
<header>
<nav>
        <input type="checkbox" id="check" />
        <label for="check" id="check-btn">
        <i class="fas fa-bars"></i>
    </label>
        <img src="images/logo.PNG" alt="logo" />
        <ul>
     <li><a href="main.html">Home</a></li>
     <li><a href="ABTUS.php">About Us</a></li>
     <li><a href="learn.php">Learn</a></li>
     <li><a href="shop.php">Shop</a></li>
     <li><a href="adopt.php">Adopt</a></li>
     <li><a href="Service.php">Service</a></li>
     <li><a class="home" href="Tickets.php">Tickets</a></li>
        </ul>
        </nav>
        </header>

        <div class="container mt-5 text-center">
  <center>
        <div class="ticket-box"><b>
       <h2>Booking Successful!</h2>
        <img src="images/logo.PNG" alt="logo" height="100" width="100"/>
       <p><strong>Thank you, <?php echo $name; ?>!</strong></p>
       <p>Ticket Details: <?php echo $ticket_description; ?></p>
       <p>Your Ticket Number : <?php echo $payment_id ? $payment_id : 'Not available'; ?></p>
       <p>This E-ticket is vadid upto 120Hrs [5 Days] from your date of booking.</p>
       <p>Please take a screenshot of this page as proof of your booking.</p>
       </b></div></center>
        <a href="tickets.php" class="btn btn-primary mt-3">Back to Ticket Booking</a>
  </div><br>
</body>
<footer class="bg-dark text-white py-3 text-center">
    <p>&copy; 2025 Our Aquarium World. All rights reserved.</p>
        </footer>
</html>
```

backend.py

```
from flask import Flask, request, jsonify, render_template, redirect, url_for
from pymongo import MongoClient
from werkzeug.security import generate_password_hash, check_password_hash
```

```
app = Flask(__name__)

client = MongoClient("mongodb://localhost:27017/")
db = client['aqua-world']  # DB name
users_collection = db['emails']  # Collection (table) name
videos_collection = db['reports']

# Define admin credentials
shop_admins = {
   "shopadmin1@ouraquariumworld.com": "shopadmin1@123",
   "shopadmin2@ouraquariumworld.com": "shopadmin2@123"
}

ticket_admins = {
   "ticketadmin1@ouraquariumworld.com": "ticketadmin1@123",
   "ticketadmin2@ouraquariumworld.com": "ticketadmin2@123"
}

@app.route('/')
def home():
        return render_template('form.html')  # HTML file name

@app.route('/register', methods=['POST'])
def register():
        email = request.form.get('email').strip()
        password = request.form.get('password').strip()
   confirm_password = request.form.get('confirm_password').strip()

        if not email or not password or not confirm_password:
        return "All fields are required!", 400

        if password != confirm_password:
        return "Passwords do not match!", 400

        # Check if the email already exists
        if users_collection.find_one({"email": email}):
        return "Email already exists!", 400

        hashed_password = generate_password_hash(password)

        # Insert new user into the database
   users_collection.insert_one({"email": email, "password": hashed_password})

        return redirect(url_for('registration_success'))

@app.route('/registration_success')
def registration_success():
        return render_template('registration_success.html')
```

```
@app.route('/login', methods=['GET', 'POST'])
def login():
        if request.method == 'GET':
        return render_template('form.html')  # Show login page on GET request

        email = request.form.get('email')
        password = request.form.get('password')

        # Check for Shop Admin credentials
        if email in shop_admins and password == shop_admins[email]:
        return redirect("http://localhost/project/admin.php")

        # Check for Ticket Admin credentials
        if email in ticket_admins and password == ticket_admins[email]:
        return redirect("http://localhost/project/ticket_admin.php")

        # Check in database for normal users
        user = users_collection.find_one({"email": email})
        if not user or not check_password_hash(user['password'], password):
        return "Invalid email or password!", 401

        return render_template('main.html')  # Redirect regular users

@app.route('/login_issue', methods=['GET', 'POST'])
def login_issue():
        if request.method == 'POST':
        email = request.form.get('email')
        issue_type = request.form.get('issue_type')
        description = request.form.get('description')  # Capture the description

        if issue_type == "Forgotten Password":
        # Delete the user's email from the database for forgotten password issue
        result = users_collection.delete_one({"email": email})

        if result.deleted_count > 0:
        # Redirect to reset confirmation page
         return redirect(url_for('reset_confirmation'))
        else:
         return "Email not found in the database.", 400

        else:
        # Save other issue types to the 'reports' collection
        report = {
         "email": email,
         "issue_type": issue_type,
         "description": description
        }
       videos_collection.insert_one(report)  # Save to reports collection in MongoDB
```

```
        return redirect(url_for('issue_reported_confirmation'))

        return render_template('login_issue.html')

@app.route('/reset_confirmation')
def reset_confirmation():
        return render_template('reset_confirmation.html')

@app.route('/issue_reported_confirmation')
def issue_reported_confirmation():
        return render_template('confirmation.html')

if __name__ == '__main__':
   app.run(debug=True)
```

aquarium_world.sql

```
Create DATABASE aquarium_world;
USE DATABASE aquarium_world;
CREATE TABLE `adopted_people` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `image` varchar(255) NOT NULL,
  `description` text DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `adopted_people` (`id`, `name`, `image`, `description`) VALUES
(1, 'Mani\'s Dolphins', 'bottlenose_dolphins.avif', 'Mani and Family adopted Bottlenose Dolphins. They spent ₹90,000 on their adoption fee and the aquarium setup. They love to see the dolphin swim gracefully in their large tank space and their shows.'),
(2, 'Faruk Abdullah\'s Beluga', 'belunga.jpeg', 'Faruk Abdullah adopted a Beluga Whale. The adoption cost is ₹70,000, which included a customized tank and regular care. Their Beluga enjoys the spacious aquatic environment they created.'),
(3, 'Taufiq\'s Parrot', 'parrot.jpg', 'Taufiq adopted a vibrant Parrotfish. He spent ₹25,000 on aquarium decor and special food. The parrotfish's colorful fins brighten up their living room tank.'),
(4, 'Balaji\'s Pipefish', 'pipefish.jpeg', 'Balaji adopted a Pipefish. The adoption fee was ₹18,000, and he customized a tank with delicate plants. The Pipefish loves to hide among the plants in their tank.'),
(5, 'Krishnakanth\'s Swordfish', 'sword.jpg', 'Krishnakanth adopted a Swordfish. He spent ₹60,000 on the setup, including a large tank and filtration system. He is fascinated by the swordfish's majestic swimming style.'),
(6, 'Madhav\'s Unicorn', 'unicorn.jpeg', 'Madhav adopted a Unicornfish. The total adoption cost was ₹40,000 for the fish and a coral reef tank setup. The Unicornfish thrives in their beautifully decorated reef aquarium.'),
```

(7, 'Sanjay\'s sandbar', 'sandbar.jpeg', 'Sanjay adopted a Sandbar Shark. He spent ₹80,000 on creating a spacious saltwater tank and ensuring the shark’s needs were met. The shark enjoys swimming freely in its new environment.'),
(8, 'Surendran\'s Angler', 'angler.jpg', 'Surendran adopted an Anglerfish. The adoption cost was ₹55,000, including the necessary lighting and tank equipment. He love observing the Anglerfish’s fascinating bioluminescence in their dark-themed tank.');

```
CREATE TABLE `adoption_applications` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `phone` varchar(255) DEFAULT NULL,
  `pet` varchar(50) NOT NULL,
  `message` text NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `adoption_applications` (`id`, `name`, `email`, `phone`, `pet`, `message`) VALUES
(1, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', '09444886891', '1', 'qwetyuiop'),
(2, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', '09444886891', '1', 'qwetyuiop'),
(3, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', '09444886891', '13', 'qwetyuiop'),
(4, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', '09444886891', 'The Cownose Ray', 'qwetyuiop'),
(5, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', '09444886891', 'The Yellow Tang', 'asdfg'),
(6, 'Faruk Abdullah', 'farukclgac@gmail.com', '09444886891', 'The Beluga Whale', 'ya'),
(7, 'Faruk Abdullah', 'farukclgac@gmail.com', '09444886891', 'The Gar', 'i love the fish my snake also like that fish so i like to adopt it'),
(8, 'Faruk Abdullah', 'farukclgac@gmail.com', '09444886891', 'The Gar', 'i love the fish my snake also like that fish so i like to adopt it');

CREATE TABLE `categories` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `categories` (`id`, `name`) VALUES
(1, 'Fishes'),
(2, 'Plants'),
(3, 'Filters'),
(4, 'Decorators'),
(5, 'Accessories'),
(6, 'Foods'),
(7, 'Tanks');

CREATE TABLE `contact_messages` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `message` text NOT NULL,
  `submitted_at` timestamp NOT NULL DEFAULT current_timestamp()
```

```
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `contact_messages` (`id`, `name`, `email`, `message`, `submitted_at`) VALUES
(1, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:45:45'),
(2, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:52:58'),
(3, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:53:11'),
(4, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:53:15'),
(5, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:54:13'),
(6, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:55:51'),
(7, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:58:41'),
(8, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'qwetyui', '2025-02-17 19:59:02'),
(9, 'Rajeshwaran J Y', 'rajeshwaranjy@gmail.com', 'asdf', '2025-02-18 17:09:44'),
(10, 'Faruk Abdullah', 'farukclgac@gmail.com', 'abc', '2025-02-20 06:24:54'),
(11, 'Taufiq', 'taufiqb0403@gmail.com', 'hellllooooooooo', '2025-02-26 10:44:48');

CREATE TABLE `orders` (
  `id` int(11) NOT NULL,
  `product_id` int(11) NOT NULL,
  `prize` decimal(10,2) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `contact1` varchar(20) NOT NULL,
  `contact2` varchar(20) DEFAULT NULL,
  `address` text NOT NULL,
  `payment_mode` enum('online','COD') NOT NULL,
  `payment_status` enum('Pending','Paid','COD') NOT NULL DEFAULT 'Pending',
  `created_at` timestamp NOT NULL DEFAULT current_timestamp(),
  `proof_link` varchar(500) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `orders` (`id`, `product_id`, `prize`, `name`, `email`, `contact1`, `contact2`, `address`,
`payment_mode`, `payment_status`, `created_at`, `proof_link`) VALUES
(1, 29, 1100.00, 'Inter Power Filter', 'rajeshwaranjy@gmail.com', '09444886891', '', '110,Rajapuram
phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Paid', '2025-02-16 04:08:27', NULL),
(2, 29, 1100.00, 'Inter Power Filter', 'rajeshwaranjy@gmail.com', '09444886891', '', '110,Rajapuram
phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Paid', '2025-02-16 04:08:35', NULL),
(3, 29, 1100.00, 'Inter Power Filter', 'rajeshwaranjy@gmail.com', '09444886891', '', '110,Rajapuram
phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Pending', '2025-02-16 04:12:58', NULL),
(4, 35, 150.00, 'Mixed Guppies - Male', 'rajeshwaranjy@gmail.com', '09444886891', '', '110,Rajapuram
phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Pending', '2025-02-16 04:15:50',
'https://drive.google.com/file/d/1bdWrjZneYJUdhkf8VvdfOx_8preC_2aX/view?usp=drive_link'),
(5, 35, 150.00, 'Mixed Guppies - Male', 'rajeshwaranjy@gmail.com', '09444886891', '09444886891',
'110,Rajapuram phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Paid', '2025-02-17 20:19:14',
'https://drive.google.com/file/d/1bdWrjZneYJUdhkf8VvdfOx_8preC_2aX/view?usp=drive_link'),
(6, 9, 250.00, 'Optimum Premium Food for Fish', 'krishnabsc8668@gmail.com', '9499956139', '',
'Vyasarbadi', 'online', 'Pending', '2025-02-18 07:57:50',
'https://drive.google.com/file/d/1bdWrjZneYJUdhkf8VvdfOx_8preC_2aX/view?usp=drive_link'),
```

```
(7, 11, 5000.00, 'Protection Added Imported Fishtank', 'rajeshwaranjy@gmail.com', '09444886891', '',
'110,Rajapuram phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Pending', '2025-02-18
10:04:09', NULL),
(8, 1, 150.00, 'Accessory Sticking Glue', 'farukclgac@gmail.com', '09444886891', '', 'no.110,rajapuram
phase 2\r\ntirur village[post],thiruvallur district', '', 'Paid', '2025-02-20 06:27:23', NULL),
(9, 1, 150.00, 'Accessory Sticking Glue', 'farukclgac@gmail.com', '09444886891', '', 'no.110,rajapuram
phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Paid', '2025-02-20 06:27:37',
'https://drive.google.com/file/d/1bdWrjZneYJUdhkf8VvdfOx_8preC_2aX/view?usp=drive_link'),
(10, 1, 150.00, 'Accessory Sticking Glue', 'farukclgac@gmail.com', '09444886891', '', 'no.110,rajapuram
phase 2\r\ntirur village[post],thiruvallur district', '', 'COD', '2025-02-20 06:28:20', NULL),
(11, 1, 150.00, 'Accessory Sticking Glue', 'farukclgac@gmail.com', '09444886891', '', 'no.110,rajapuram
phase 2\r\ntirur village[post],thiruvallur district', '', 'COD', '2025-02-20 06:33:06', NULL),
(12, 4, 100.00, 'Duckweed Plant', 'rajeshwaranjy@gmail.com', '09444886891', '09444886891',
'110,Rajapuram phase 2\r\ntirur village[post],thiruvallur district', 'online', 'Pending', '2025-02-26
09:57:21',
'https://drive.google.com/file/d/1bdWrjZneYJUdhkf8VvdfOx_8preC_2aX/view?usp=drive_link');

CREATE TABLE `payments` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `email` varchar(255) NOT NULL,
  `ticket_option` int(11) NOT NULL,
  `transaction_id` varchar(255) NOT NULL,
  `proof_link` text NOT NULL,
  `created_at` timestamp NOT NULL DEFAULT current_timestamp(),
  `entry` varchar(15) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `payments` (`id`, `name`, `email`, `ticket_option`, `transaction_id`, `proof_link`,
`created_at`, `entry`) VALUES
(3, 'Gokula krishnan M', 'gokulakrishnan2004007@gmail.com', 300, '112345678890',
'http://localhost/project/payment_qr.php?name=Rajeshwaran%20J%20Y&amp;email=rajeshwaranjy@g
mail.com&amp;ticket_option=300&amp;qr_code=qr_codes/adult_300.png', '2025-02-26 10:47:58', ''),
(4, 'Surendran G', 'surendrang4848@gmail.com', 700, '112345678890',
'http://localhost/project/payment_qr.php?name=Rajeshwaran%20J%20Y&amp;email=rajeshwaranjy@g
mail.com&amp;ticket_option=300&amp;qr_code=qr_codes/adult_300.png', '2025-03-04 07:29:58',
NULL),
(5, 'Surendran G', 'surendrang4848@gmail.com', 700, '112345678890',
'http://localhost/project/payment_qr.php?name=Rajeshwaran%20J%20Y&amp;email=rajeshwaranjy@g
mail.com&amp;ticket_option=300&amp;qr_code=qr_codes/adult_300.png', '2025-03-04 07:32:30',
NULL);

CREATE TABLE `pets` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `pets` (`id`, `name`) VALUES
```

(1, 'The Pufferfish'),
(2, 'The Shrimp'),
(3, 'The Anglerfish'),
(4, 'The Asian Arowana'),
(5, 'The Atlantic Spadefish'),
(6, 'The Beluga Whale'),
(7, 'The Blue Crab'),
(8, 'The Bottlenose Dolphin'),
(9, 'The Boxfish'),
(10, 'The Clown Triggerfish'),
(11, 'The Cownose Ray'),
(12, 'The Cuttlefish'),
(13, 'The Dogface Puffer'),
(14, 'The Epaulette Shark'),
(15, 'The Flame Angelfish'),
(16, 'The Flowerhorn'),
(17, 'The Gar'),
(18, 'The Green Sea Turtle'),
(19, 'The Hawksbill Sea Turtle'),
(20, 'The Jellyfish'),
(21, 'The Lantern Shark'),
(22, 'The Lionfish'),
(23, 'The Loggerhead Sea Turtle'),
(24, 'The Lookdown'),
(25, 'The Mandarinfish'),
(26, 'The Moorish Idol'),
(27, 'The Mudcrabs'),
(28, 'The Ocellaris Clownfish'),
(29, 'The Octopus'),
(30, 'The Parrotfish'),
(31, 'The Picasso Triggerfish'),
(32, 'The Pinecone Fish'),
(33, 'The Pipefish'),
(34, 'The Powder Blue Tang'),
(35, 'The Queen Angelfish'),
(36, 'The Red-Bellied Piranha'),
(37, 'The Saltwater Crocodile'),
(38, 'The Sand Tiger Shark'),
(39, 'The Sandbar Shark'),
(40, 'The Seahorse'),
(41, 'The Sealion'),
(42, 'The Sergeant Major'),
(43, 'The Spotted Garden Eel'),
(44, 'The Starfish'),
(45, 'The Swordfish'),
(46, 'The Three Stripe Damselfish'),
(47, 'The Tiger Shark'),
(48, 'The Tomato Clownfish'),

```
(49, 'The Unicornfish'),
(50, 'The Weddell Seal'),
(51, 'The Wendy Seadragon'),
(52, 'The Yellow Tang');

CREATE TABLE `products` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `img_url` varchar(500) NOT NULL,
  `description` text NOT NULL,
  `detailed_description` text NOT NULL,
  `prize` decimal(10,2) NOT NULL,
  `category_id` int(11) NOT NULL,
  `qr_url` varchar(100) DEFAULT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `products` (`id`, `name`, `img_url`, `description`, `detailed_description`, `prize`,
`category_id`, `qr_url`) VALUES
(1, 'Accessory Sticking Glue', 'products/Accessory Sticking Glue.jpg', 'Strong adhesive for aquarium
accessories', '1. Provides a strong bond for aquarium decorations.  \r\n2. Safe for aquatic life and
non-toxic.  \r\n3. Dries clear for a seamless look.  \r\n4. Works on various surfaces like glass and plastic.
\r\n5. Waterproof and long-lasting.  \r\n6. Ideal for coral, driftwood, and rock setups.  \r\n7.
Quick-drying formula for easy application.  \r\n8. Prevents decorations from shifting.  \r\n9. Does not
harm water quality.  \r\n10. Essential for DIY aquarium projects.', 150.00, 5, 'qrcodes/150.jpg'),
(2, 'White Color Pond Stones', 'products/White Color Pond Stones.jpg', 'Elegant white stones for pond
decoration', '1. Natural and polished white pond stones.  \r\n2. Enhances the aesthetic appeal of
aquariums.  \r\n3. Provides a natural habitat for aquatic life.  \r\n4. Smooth edges ensure safety for fish.
\r\n5. Helps in maintaining water pH balance.  \r\n6. Ideal for both freshwater and saltwater setups.
\r\n7. Can be used in aquascaping designs.  \r\n8. Durable and long-lasting stones.  \r\n9. Suitable for
garden and terrarium setups.  \r\n10. Adds brightness and contrast to pond areas.', 300.00, 4,
'qrcodes/300.jpg'),
(3, 'Cabomba caroliniana Plant', 'products/Cabomba caroliniana Plant.jpg', 'Beautiful aquatic plant for
vibrant aquariums', '1. Lush green aquatic plant ideal for tanks.  \r\n2. Provides hiding spots for fish.
\r\n3. Helps in oxygenating the water.  \r\n4. Enhances the visual appeal of aquariums.  \r\n5. Supports
biological filtration.  \r\n6. Grows quickly under proper lighting.  \r\n7. Safe and beneficial for all fish
species.  \r\n8. Requires minimal maintenance.  \r\n9. Thrives in both warm and cool water.  \r\n10.
Perfect for planted tank enthusiasts.', 250.00, 2, 'qrcodes/250.jpg'),
(4, 'Duckweed Plant', 'products/Duckweed Plant.jpg', 'Floating aquatic plant for natural filtration', '1.
Rapid-growing floating plant.  \r\n2. Helps absorb excess nutrients in water.  \r\n3. Provides shade and
reduces algae growth.  \r\n4. Natural food source for fish and shrimp.  \r\n5. Supports better water
oxygenation.  \r\n6. Ideal for freshwater tanks and ponds.  \r\n7. Creates a natural-looking water
surface.  \r\n8. Requires minimal care and maintenance.  \r\n9. Adaptable to various water conditions.
\r\n10. Helps maintain ecological balance in aquariums.', 100.00, 2, 'qrcodes/100.jpg'),
(5, 'Green Marble Stones', 'products/Green Marble Stones.jpg', 'Attractive green stones for aquariums
and ponds', '1. High-quality polished green marble stones.  \r\n2. Enhances the aesthetic appeal of
tanks.  \r\n3. Ideal for aquascaping and decorative setups.  \r\n4. Smooth texture ensures fish safety.
\r\n5. Helps stabilize aquarium pH levels.  \r\n6. Suitable for freshwater and saltwater aquariums.  \r\n7.
```

Durable and long-lasting material. \r\n8. Adds a natural touch to fish habitats. \r\n9. Easy to clean and maintain. \r\n10. Perfect for ponds, vases, and terrariums.', 350.00, 4, 'qrcodes/350.jpg'),
(6, 'Neon Tetra | 8 Pairs', 'products/Neon Tetra.jpg', 'Vibrant schooling fish for freshwater aquariums', '1. Includes 8 pairs of Neon Tetra fish. \r\n2. Beautiful, iridescent blue and red colors. \r\n3. Peaceful and easy to care for. \r\n4. Ideal for community tanks. \r\n5. Prefers soft, slightly acidic water. \r\n6. Enhances aquarium vibrancy with schooling behavior. \r\n7. Requires a well-maintained planted tank. \r\n8. Thrives in stable water conditions. \r\n9. Compatible with various other fish species. \r\n10. Popular choice for beginner and expert aquarists.', 120.00, 1, 'qrcodes/120.jpg'),
(7, 'Tri-Color Pond Stones', 'products/Pond Stones.jpg', 'Multi-colored stones for aesthetic pond design', '1. Beautifully mixed tri-color stones. \r\n2. Adds contrast and visual appeal to aquariums. \r\n3. Perfect for ponds, vases, and fish tanks. \r\n4. Smooth and safe for aquatic life. \r\n5. Provides a natural environment for fish. \r\n6. Helps stabilize tank pH levels. \r\n7. Durable and long-lasting material. \r\n8. Easy to clean and maintain. \r\n9. Ideal for aquascaping and garden decor. \r\n10. Adds a vibrant touch to water landscapes.', 400.00, 4, 'qrcodes/400.jpg'),
(8, 'Bacopa caroliniana Plant', 'products/Bacopa caroliniana Plant.jpg', 'Hardy and adaptable aquatic plant', '1. Easy-to-grow aquarium plant. \r\n2. Thrives in a variety of water conditions. \r\n3. Helps in oxygenation and filtration. \r\n4. Suitable for both beginners and experts. \r\n5. Provides hiding spots for fish and shrimp. \r\n6. Bright green leaves enhance tank beauty. \r\n7. Can be used in emersed and submerged setups. \r\n8. Encourages beneficial bacteria growth. \r\n9. Requires minimal pruning and maintenance. \r\n10. Compatible with various aquarium setups.', 200.00, 2, 'qrcodes/200.jpg'),
(9, 'Optimum Premium Food for Fish', 'products/Optimum Premium Food for Fish.jpg', 'High-quality fish food for healthy growth', '1. Nutrient-rich fish food formula. \r\n2. Enhances fish color vibrancy. \r\n3. Promotes healthy growth and immunity. \r\n4. Ideal for all types of aquarium fish. \r\n5. Reduces water pollution and waste. \r\n6. Easily digestible and floating pellets. \r\n7. Fortified with essential vitamins and minerals. \r\n8. Helps maintain a clean and balanced aquarium. \r\n9. Suitable for daily feeding routines. \r\n10. Supports overall fish well-being.', 250.00, 6, 'qrcodes/250.jpg'),
(10, 'Blue Marble Stones', 'products/Blue Marble Stones.webp', 'Stunning blue decorative stones for aquariums', '1. High-quality polished blue marble stones. \r\n2. Enhances the aesthetic appeal of aquariums. \r\n3. Ideal for aquascaping and pond decoration. \r\n4. Smooth edges ensure fish safety. \r\n5. Helps maintain stable water conditions. \r\n6. Durable and long-lasting material. \r\n7. Suitable for freshwater and saltwater tanks. \r\n8. Adds an elegant touch to underwater setups. \r\n9. Easy to clean and maintain. \r\n10. Perfect for home decor, vases, and terrariums.', 350.00, 4, 'qrcodes/350.jpg'),
(11, 'Protection Added Imported Fishtank', 'products/Protection Added Imported Fishtank.jpg', 'Premium imported fishtank with enhanced protection', '1. High-quality imported aquarium with durability. \r\n2. Built-in safety features to protect fish. \r\n3. Scratch-resistant glass for long-lasting clarity. \r\n4. Comes with a secure locking system. \r\n5. Spacious design for a healthy aquatic environment. \r\n6. Equipped with efficient filtration for clear water. \r\n7. Leak-proof construction ensures safety. \r\n8. Ideal for both freshwater and marine setups. \r\n9. Modern design to enhance home decor. \r\n10. Easy to maintain and clean.', 5000.00, 7, 'qrcodes/5000.jpg'),
(12, 'Tetra Tetrallits Complete', 'products/Tetra TetraBits Complete.webp', 'Balanced and nutritious fish food for all species', '1. Complete diet for aquarium fish. \r\n2. Enhances fish health and immunity. \r\n3. Promotes vibrant colors in fish. \r\n4. Highly digestible and waste-reducing formula. \r\n5. Contains essential vitamins and minerals. \r\n6. Suitable for daily feeding. \r\n7. Helps in maintaining clear water. \r\n8. Floating pellets ensure easy feeding. \r\n9. Fortified with omega fatty acids. \r\n10. Ideal for both tropical and freshwater fish.', 350.00, 6, 'qrcodes/350.jpg'),
(13, 'Parasites Killer', 'products/Parasites Killer.jpg', 'Effective treatment for aquatic parasites', '1. Eliminates harmful parasites in aquariums. \r\n2. Safe for fish and aquatic plants. \r\n3. Prevents

common fish diseases. \r\n4. Works against both internal and external parasites. \r\n5. Quick-action formula for fast relief. \r\n6. Helps improve fish health and immunity. \r\n7. Easy to dose and apply. \r\n8. Suitable for freshwater and marine tanks. \r\n9. Does not disturb biological filtration. \r\n10. Essential for maintaining a disease-free aquarium.', 300.00, 5, 'qrcodes/300.jpg'),
(14, 'Shining Black Marble Stones', 'products/Shining Black Marble Stones.jpg', 'Elegant black stones for aquariums and ponds', '1. Premium-quality shining black marble stones. \r\n2. Enhances aquarium aesthetics with a modern look. \r\n3. Smooth and safe for fish. \r\n4. Durable and long-lasting material. \r\n5. Helps stabilize aquarium pH levels. \r\n6. Suitable for freshwater and saltwater tanks. \r\n7. Perfect for aquascaping and pond decoration. \r\n8. Easy to clean and maintain. \r\n9. Adds depth and contrast to tank designs. \r\n10. Ideal for home decor and terrariums.', 400.00, 5, 'qrcodes/400.jpg'),
(15, 'Centella asiatica', 'products/Centella-asiatica.jpg', 'Hardy and beneficial aquatic plant', '1. Fast-growing aquatic plant. \r\n2. Ideal for planted aquariums and ponds. \r\n3. Helps in oxygenating the water. \r\n4. Provides natural shelter for fish and shrimp. \r\n5. Requires moderate lighting and care. \r\n6. Enhances water quality by absorbing toxins. \r\n7. Supports beneficial bacteria growth. \r\n8. Can be grown submerged or emersed. \r\n9. Adds a vibrant green touch to tanks. \r\n10. Popular choice for aquascaping.', 150.00, 2, 'qrcodes/150.jpg'),
(16, 'Aquarium Salt', 'products/Aquarium Salt.webp', 'Essential salt for fish health and water conditioning', '1. Improves fish health and reduces stress. \r\n2. Helps prevent common fish diseases. \r\n3. Enhances gill function and oxygen uptake. \r\n4. Promotes natural slime coat formation. \r\n5. Safe for freshwater aquariums in proper dosage. \r\n6. Aids in treating mild infections. \r\n7. Does not harm beneficial bacteria. \r\n8. Supports proper osmoregulation in fish. \r\n9. Easy to dissolve and apply. \r\n10. Essential for maintaining a healthy aquarium.', 200.00, 5, 'qrcodes/200.jpg'),
(17, 'Antifungal Medicine', 'products/Antifungal Medicine.jpg', 'Effective treatment for fish fungal infections', '1. Eliminates fungal infections in fish. \r\n2. Helps in treating white patches and cotton-like growth. \r\n3. Safe for use in aquariums. \r\n4. Fast-acting formula for quick relief. \r\n5. Does not harm fish or plants. \r\n6. Supports fish immune system. \r\n7. Suitable for both tropical and freshwater fish. \r\n8. Easy to dose and administer. \r\n9. Prevents fungal outbreaks in aquariums. \r\n10. Keeps the aquarium environment healthy.', 300.00, 5, 'qrcodes/300.jpg'),
(18, 'Food for Fish Fry', 'products/Food for Fish Fry.webp', 'Nutrient-rich food for growing fish fry', '1. Specially formulated food for baby fish. \r\n2. Contains high protein for healthy growth. \r\n3. Easily digestible and small-sized particles. \r\n4. Supports rapid development and immunity. \r\n5. Does not cloud water. \r\n6. Enriched with essential vitamins and minerals. \r\n7. Ideal for all types of fry and small fish. \r\n8. Helps improve survival rates. \r\n9. Floating micro-pellets for easy consumption. \r\n10. Essential for early-stage fish care.', 180.00, 6, 'qrcodes/180.jpg'),
(19, 'Amazon Sword Plant', 'products/Amazon Sword Plant.jpg', 'Classic aquatic plant for freshwater tanks', '1. Beautiful and hardy aquarium plant. \r\n2. Provides shelter and breeding grounds for fish. \r\n3. Helps maintain oxygen levels in water. \r\n4. Thrives in moderate to high lighting. \r\n5. Requires nutrient-rich substrate for growth. \r\n6. Enhances the natural look of aquariums. \r\n7. Easy to propagate and maintain. \r\n8. Supports beneficial bacteria in the tank. \r\n9. Can grow tall, making it ideal for background planting. \r\n10. A favorite choice for aquascapers.', 250.00, 2, 'qrcodes/250.jpg'),
(20, 'GP-02 Gyre Wavemaker', 'products/GP-02 Gyre Wavemaker.webp', 'Advanced wavemaker for improved water circulation', '1. Provides strong and consistent water flow. \r\n2. Creates natural wave-like movement. \r\n3. Enhances oxygenation and filtration. \r\n4. Prevents debris buildup in aquariums. \r\n5. Adjustable speed and intensity settings. \r\n6. Energy-efficient and quiet operation. \r\n7. Suitable for both freshwater and marine tanks. \r\n8. Easy to install and maintain. \r\n9. Encourages healthier fish and coral growth. \r\n10. Ideal for large tanks and reef setups.', 4500.00, 5, 'qrcodes/119.jpg'),

(21, 'Vallisneria nana', 'products/Vallisneria nana.jpg', 'Graceful and easy-to-grow aquarium plant', '1. Long, thin leaves perfect for background planting. \r\n2. Thrives in a variety of water conditions. \r\n3. Provides shelter for fish and shrimp. \r\n4. Helps in natural water filtration. \r\n5. Minimal maintenance required. \r\n6. Enhances the natural aesthetic of tanks. \r\n7. Grows well in moderate lighting. \r\n8. Spreads quickly through runners. \r\n9. Safe and beneficial for all fish species. \r\n10. Popular choice for planted aquariums.', 200.00, 5, 'qrcodes/200.jpg'),
(22, 'Internal Air Lifting Aquarium Filter', 'products/Internal Air Lifting Aquarium Filter.webp', 'Efficient filtration system for clean water', '1. Provides excellent mechanical and biological filtration. \r\n2. Uses air-driven suction for effective cleaning. \r\n3. Keeps water clear and free from impurities. \r\n4. Easy to install and operate. \r\n5. Energy-efficient and low maintenance. \r\n6. Suitable for small to medium-sized tanks. \r\n7. Ensures proper oxygenation of water. \r\n8. Safe for fish and shrimp. \r\n9. Reduces harmful ammonia and nitrates. \r\n10. Essential for maintaining a healthy aquarium environment.', 1200.00, 3, 'qrcodes/1200.jpg'),
(23, 'SUNSUN HW-302 External Canister Filter', 'products/SUNSUN HW-302 External Canister Filter.webp', 'High-efficiency external canister filter for clean water', '1. Provides powerful multi-stage filtration. \r\n2. Suitable for freshwater and marine aquariums. \r\n3. Large capacity for filter media. \r\n4. Operates quietly with high efficiency. \r\n5. Improves water clarity and quality. \r\n6. Easy to install and maintain. \r\n7. Energy-efficient design. \r\n8. Comes with all necessary accessories. \r\n9. Ensures a healthy environment for fish. \r\n10. Ideal for medium to large tanks.', 4500.00, 3, 'qrcodes/122.jpg'),
(24, 'Azolla caroliniana', 'products/Azolla caroliniana.jpg', 'Floating aquatic plant ideal for ponds and aquariums', '1. Fast-growing and self-propagating. \r\n2. Provides shade and reduces algae growth. \r\n3. Absorbs excess nutrients from water. \r\n4. Helps in oxygenating the aquarium. \r\n5. Natural food source for some fish. \r\n6. Thrives in both still and moving water. \r\n7. Enhances the natural look of tanks. \r\n8. Provides shelter for small aquatic creatures. \r\n9. Requires minimal care and maintenance. \r\n10. Suitable for outdoor and indoor setups.', 150.00, 2, 'qrcodes/150.jpg'),
(25, 'Net Breeder for Aquarium Fish Tank', 'products/Net Breeder for Aquarium Fish Tank.webp', 'Safe breeding net for separating fish', '1. Ideal for breeding and isolating sick fish. \r\n2. Fine mesh prevents small fish from escaping. \r\n3. Provides a secure space for fry growth. \r\n4. Lightweight and easy to install. \r\n5. Does not disrupt water flow. \r\n6. Suitable for both freshwater and saltwater tanks. \r\n7. Easy to clean and maintain. \r\n8. Helps protect delicate fish species. \r\n9. Can be used for shrimp breeding as well. \r\n10. Durable and reusable material.', 300.00, 5, 'qrcodes/300.jpg'),
(26, 'Marine Calcium Checker', 'products/Marine Calcium Checker.webp', 'Accurate calcium tester for marine aquariums', '1. Provides precise calcium level readings. \r\n2. Essential for coral and reef tank health. \r\n3. Easy-to-use digital display. \r\n4. Helps maintain stable water chemistry. \r\n5. Compact and portable design. \r\n6. Ensures proper growth of marine organisms. \r\n7. Works with saltwater aquariums. \r\n8. Quick and reliable test results. \r\n9. Ideal for reef keepers and marine hobbyists. \r\n10. Reduces the risk of calcium deficiencies.', 1500.00, 5, 'qrcodes/1500.jpg'),
(27, 'Maxspect Nano-Tech Biosphere', 'products/Maxspect Nano-Tech Biosphere.webp', 'Advanced bio-media for superior filtration', '1. Provides high surface area for beneficial bacteria. \r\n2. Enhances biological filtration efficiency. \r\n3. Reduces ammonia and nitrite levels. \r\n4. Suitable for freshwater and marine aquariums. \r\n5. Compact and space-saving design. \r\n6. Long-lasting and durable material. \r\n7. Helps maintain stable water parameters. \r\n8. Can be used in sumps, canisters, and reactors. \r\n9. Promotes healthy fish and coral growth. \r\n10. Easy to use and maintain.', 2000.00, 5, 'qrcodes/2000.jpg'),
(28, 'Table Aquarium Bowl', 'products/Table Aquarium Bowl.jpg', 'Elegant and compact fishbowl for table decor', '1. Stylish and modern design. \r\n2. Perfect for small fish and aquatic plants. \r\n3. Made from high-quality, durable glass. \r\n4. Enhances home and office decor. \r\n5. Easy to clean and maintain.

\r\n6. Ideal for betta fish and shrimp. \r\n7. Compact size fits any space. \r\n8. Can be used for creative aquascaping. \r\n9. Provides a clear 360-degree view. \r\n10. Lightweight and portable.', 800.00, 7, 'qrcodes/800.jpg'),
(29, 'Inter Power Filter', 'products/Inter Power Filter.jpg', 'High-performance internal power filter', '1. Provides efficient mechanical and biological filtration. \r\n2. Ensures crystal-clear water quality. \r\n3. Quiet and energy-efficient operation. \r\n4. Suitable for freshwater and saltwater aquariums. \r\n5. Easy to install and maintain. \r\n6. Helps remove debris and impurities. \r\n7. Promotes a healthy aquatic environment. \r\n8. Compact design fits various tank sizes. \r\n9. Adjustable flow rate for customization. \r\n10. Durable and long-lasting build.', 1100.00, 7, 'qrcodes/1100.jpg'),
(30, '3 in 1 Aquarium Cleaning Kit with Algae Scraper', 'products/3 in 1 Aquarium Cleaning Kit with Algae Scrapper.webp', 'Essential aquarium cleaning toolset', '1. Includes scraper, sponge, and gravel rake. \r\n2. Helps keep aquariums clean and clear. \r\n3. Easily removes algae buildup. \r\n4. Safe for glass and acrylic tanks. \r\n5. Adjustable handle for convenience. \r\n6. Prevents harmful residue buildup. \r\n7. Lightweight and easy to store. \r\n8. Suitable for small and large tanks. \r\n9. Durable and long-lasting materials. \r\n10. Makes aquarium maintenance hassle-free.', 700.00, 5, 'qrcodes/700.jpg'),
(31, 'WAVE MAKER JVP-131', 'products/WAVE MAKER JVP-131.jpg', 'Powerful wavemaker for improved water circulation', '1. Creates strong and natural water movement. \r\n2. Enhances oxygen exchange and filtration. \r\n3. Prevents dead spots in aquariums. \r\n4. Energy-efficient and quiet operation. \r\n5. Adjustable direction for flow control. \r\n6. Ideal for both freshwater and marine tanks. \r\n7. Helps keep debris suspended for filtration. \r\n8. Easy to install with suction mount. \r\n9. Promotes healthier fish and coral growth. \r\n10. Durable and long-lasting design.', 2500.00, 5, 'qrcodes/2500.jpg'),
(32, 'Aquarium Air Pump', 'products/Aquarium AirPump.jpg', 'Reliable air pump for optimal oxygenation', '1. Provides continuous airflow for aquariums. \r\n2. Enhances oxygen levels for fish. \r\n3. Helps in proper biological filtration. \r\n4. Low noise and energy-efficient design. \r\n5. Suitable for freshwater and saltwater tanks. \r\n6. Compact and easy to place. \r\n7. Compatible with air stones and sponge filters. \r\n8. Adjustable airflow settings. \r\n9. Ensures healthier aquatic life. \r\n10. Durable and long-lasting performance.', 900.00, 3, 'qrcodes/900.jpg'),
(33, 'Aquallumination Hydra 32HD LED Light Fixture', 'products/Aquaillumination Hydra 32HD LED Light Fixture.webp', 'Premium LED light fixture for reef aquariums', '1. Provides optimal lighting for corals and plants. \r\n2. Fully controllable spectrum with high-intensity LEDs. \r\n3. Enhances fish and coral coloration. \r\n4. Smart WiFi control for easy adjustments. \r\n5. Energy-efficient and long lifespan. \r\n6. Works with various aquarium sizes. \r\n7. Adjustable mounting options. \r\n8. Creates a natural sunrise and sunset effect. \r\n9. Encourages coral growth and vitality. \r\n10. Ideal for marine and reef aquariums.', 25000.00, 5, 'qrcodes/25000.jpg'),
(34, 'Bubble Magus ARF-1 Automatic Roll Fleece Filter G2', 'products/Bubble Magus ARF-1 Automatic Roll Fleece Filter G2.webp', 'Automatic fleece filter for superior water clarity', '1. Removes fine debris and waste particles. \r\n2. Enhances water quality with continuous filtration. \r\n3. Ideal for saltwater and reef aquariums. \r\n4. Reduces the need for frequent maintenance. \r\n5. Automatic roll replacement system. \r\n6. Energy-efficient and quiet operation. \r\n7. Prevents clogging and water stagnation. \r\n8. Durable construction for long-term use. \r\n9. Easy to install and operate. \r\n10. Improves overall aquarium health.', 15000.00, 3, 'qrcodes/15000.jpg'),
(35, 'Mixed Guppies - Male', 'products/Mixed Guppies - Male.jpg', 'Vibrant and active male guppies for aquariums', '1. Features a variety of colors and patterns. \r\n2. Hardy and easy to care for. \r\n3. Suitable for community tanks. \r\n4. Peaceful and social nature. \r\n5. Fast-growing and active swimmers. \r\n6. Thrives in both planted and non-planted setups. \r\n7. Ideal for beginner fish keepers. \r\n8. Adds beauty and diversity to tanks. \r\n9. Requires minimal special care. \r\n10. Adapts well to different water conditions.', 150.00, 5, 'qrcodes/150.jpg'),

(36, 'Waterplant Sticking Glue', 'products/Waterplant Sticking Glue.webp', 'Strong adhesive for secure plant attachment', '1. Specially designed for aquarium plants. \r\n2. Quickly bonds plants to driftwood and rocks. \r\n3. Safe for fish and invertebrates. \r\n4. Works underwater for hassle-free application. \r\n5. Does not affect water chemistry. \r\n6. Ideal for aquascaping projects. \r\n7. Dries clear and blends naturally. \r\n8. Long-lasting and durable adhesion. \r\n9. Suitable for fresh and saltwater tanks. \r\n10. Easy to apply with precision control.', 150.00, 5, 'qrcodes/150.jpg'),
(37, 'White Spot Medicine', 'products/White Spot Medicine.jpg', 'Effective treatment for white spot disease', '1. Helps cure Ich and white spot infections. \r\n2. Suitable for freshwater and marine fish. \r\n3. Fast-acting formula for quick relief. \r\n4. Safe for most aquarium inhabitants. \r\n5. Does not harm beneficial bacteria. \r\n6. Easy to dose and apply. \r\n7. Helps prevent the spread of infection. \r\n8. Works well with quarantine treatment. \r\n9. Recommended for stressed or new fish. \r\n10. Keeps fish healthy and active.', 300.00, 5, 'qrcodes/300.jpg'),
(38, 'Mixed Guppy | 30 Pcs', 'products/Mixed Guppy.jpg', 'A colorful mix of guppies for vibrant aquariums', '1. Comes in various striking colors. \r\n2. Includes both male and female guppies. \r\n3. Hardy and beginner-friendly species. \r\n4. Active swimmers with peaceful temperament. \r\n5. Great for community aquariums. \r\n6. Helps control mosquito larvae in outdoor tanks. \r\n7. Fast breeders in the right conditions. \r\n8. Adapts well to different water parameters. \r\n9. Thrives in both planted and non-planted tanks. \r\n10. Adds movement and life to aquariums.', 150.00, 1, 'qrcodes/150.jpg'),
(39, 'Digital Hygrometer Thermometer Humidity Meter', 'products/Digital Hygrometer Thermometer Humidity Meter with Clock LCD Display.webp', 'Accurate monitoring of temperature and humidity', '1. Provides precise readings for temperature and humidity. \r\n2. Essential for aquarium and reptile enclosures. \r\n3. Easy-to-read digital display. \r\n4. Compact and lightweight design. \r\n5. Suitable for freshwater and saltwater tanks. \r\n6. Helps maintain optimal tank conditions. \r\n7. Battery-operated for convenience. \r\n8. Long-lasting and durable. \r\n9. Adjustable placement with suction or clip. \r\n10. Ideal for fishkeepers and hobbyists.', 1200.00, 5, 'qrcodes/1200.jpg'),
(40, 'Refractometer', 'products/Refractometer.webp', 'Essential tool for measuring salinity levels', '1. Provides accurate salinity readings. \r\n2. Ideal for marine and reef aquariums. \r\n3. Easy to use with clear scale. \r\n4. Requires only a few drops of water. \r\n5. Helps maintain stable water conditions. \r\n6. Durable and high-quality construction. \r\n7. Lightweight and portable design. \r\n8. Adjustable calibration for precision. \r\n9. Prevents over- or under-salting. \r\n10. Trusted by aquarium professionals.', 2000.00, 5, 'qrcodes/2000.jpg'),
(41, 'Pocket-sized pH Tester', 'products/Pocket-sized pH Tester.webp', 'Compact digital pH meter for accurate readings', '1. Provides quick and reliable pH measurements. \r\n2. Suitable for aquariums, hydroponics, and pools. \r\n3. Digital display for easy reading. \r\n4. Lightweight and portable design. \r\n5. Helps maintain optimal water quality. \r\n6. Long battery life for extended use. \r\n7. Easy calibration for accurate results. \r\n8. Durable and water-resistant build. \r\n9. Works for both freshwater and saltwater. \r\n10. Essential tool for fishkeepers and aquarists.', 1000.00, 5, 'qrcodes/1000.jpg'),
(42, 'Apple Snails | 5 Pairs', 'products/Apple Snails.jpg', 'Beautiful and helpful algae-eating snails', '1. Great for keeping aquariums clean. \r\n2. Active algae grazers. \r\n3. Non-aggressive and peaceful. \r\n4. Adaptable to different water conditions. \r\n5. Adds diversity to aquariums. \r\n6. Safe with most fish and shrimp. \r\n7. Low-maintenance aquatic pets. \r\n8. Helps break down organic waste. \r\n9. Can reproduce in freshwater setups. \r\n10. Ideal for planted and community tanks.', 100.00, 1, 'qrcodes/100.jpg'),
(43, 'Red Swordtail Fish | 3 Pairs', 'products/Red Swordtail Fish.jpg', 'Bright and lively swordtail fish for aquariums', '1. Vibrant red color with unique sword-like tail. \r\n2. Hardy and easy to care for. \r\n3. Peaceful nature, great for community tanks. \r\n4. Active swimmers and energetic. \r\n5. Adaptable to various water conditions. \r\n6. Can be bred easily in home tanks. \r\n7. Adds contrast to aquascaped

setups. \r\n8. Enjoys planted aquariums with hiding spots. \r\n9. Compatible with various fish species. \r\n10. Ideal for beginner and experienced fish keepers.', 150.00, 1, 'qrcodes/150.jpg'),
(44, 'Internal Power Waterpump', 'products/Internal Power Waterpump.jpg', 'Efficient water pump for aquarium circulation', '1. Provides strong and steady water flow. \r\n2. Helps maintain proper filtration. \r\n3. Suitable for fresh and saltwater aquariums. \r\n4. Adjustable flow control for customization. \r\n5. Quiet and energy-efficient design. \r\n6. Improves oxygenation and water movement. \r\n7. Compact and easy to install. \r\n8. Durable construction for long-term use. \r\n9. Ideal for sumps, canisters, and filters. \r\n10. Enhances overall tank health.', 2000.00, 3, 'qrcodes/2000.jpg'),
(45, 'Clean A Glass Cleaner', 'products/Clean A Glass Cleaner.AVIF', 'Safe and effective cleaner for aquarium glass', '1. Removes tough algae and water stains. \r\n2. Safe for fish and aquatic plants. \r\n3. Streak-free cleaning formula. \r\n4. Works on both glass and acrylic tanks. \r\n5. Easy to apply and wipe off. \r\n6. Does not leave harmful residues. \r\n7. Helps maintain clear and beautiful tanks. \r\n8. Works quickly for instant results. \r\n9. Reduces water marks and mineral deposits. \r\n10. Ideal for regular aquarium maintenance.', 500.00, 7, 'qrcodes/500.jpg'),
(46, 'Vallisneria Pot', 'products/Vallisneria Pot.webp', 'Easy-to-grow aquatic plant in a pot', '1. Fast-growing background plant. \r\n2. Provides excellent oxygenation. \r\n3. Ideal for beginner aquarists. \r\n4. Thrives in various water conditions. \r\n5. Long, ribbon-like leaves. \r\n6. Great for aquascaping tall tanks. \r\n7. Helps reduce algae growth. \r\n8. Supports natural fish behavior. \r\n9. Can propagate easily by runners. \r\n10. Safe for all freshwater fish.', 250.00, 2, 'qrcodes/250.jpg'),
(47, 'Imported Fishtank with Top', 'products/Imported Fishtank with Top.webp', 'Stylish imported fish tank with cover', '1. Elegant design with premium glass. \r\n2. Comes with a secure top cover. \r\n3. Enhances home and office aesthetics. \r\n4. Leak-proof and durable construction. \r\n5. Ideal for freshwater and marine setups. \r\n6. Spacious for multiple fish species. \r\n7. Scratch-resistant glass. \r\n8. Easy to clean and maintain. \r\n9. Includes built-in filtration system. \r\n10. Provides excellent visibility.', 10000.00, 7, 'qrcodes/10000.jpg'),
(48, 'Aquarium Silicon Hose', 'products/Aquarium Silicon Hose.jpg', 'Flexible and durable silicon hose for aquariums', '1. High-quality food-grade silicon material. \r\n2. Suitable for air pumps and CO2 systems. \r\n3. Resistant to kinks and bends. \r\n4. Provides a steady air or water flow. \r\n5. Safe for fish and aquatic life. \r\n6. Compatible with most standard fittings. \r\n7. Easy to cut and customize length. \r\n8. Does not degrade in water. \r\n9. Ideal for freshwater and marine tanks. \r\n10. Transparent for discreet installation.', 150.00, 5, 'qrcodes/150.jpg'),
(49, 'Automatic Fish Food Feeder', 'products/Automatic Fish Food Feeder.jpg', 'Convenient automatic feeder for aquarium fish', '1. Dispenses food at scheduled times. \r\n2. Adjustable portion sizes. \r\n3. Works with flakes, pellets, and granules. \r\n4. Battery-operated for reliability. \r\n5. Reduces the risk of overfeeding. \r\n6. Ideal for vacations or busy owners. \r\n7. Easy to install and refill. \r\n8. Keeps food dry and fresh. \r\n9. Suitable for fresh and saltwater tanks. \r\n10. Ensures consistent feeding routine.', 1200.00, 5, 'qrcodes/1200.jpg'),
(50, 'BOTTOM ELEVATED TANK', 'products/BOTTOM ELEVATED TANK.webp', 'Modern fish tank with an elevated bottom design', '1. Unique elevated bottom for aesthetics. \r\n2. High-quality glass construction. \r\n3. Enhances fish visibility from all angles. \r\n4. Suitable for all aquarium setups. \r\n5. Easy to clean and maintain. \r\n6. Leak-proof and durable structure. \r\n7. Great for planted and marine tanks. \r\n8. Provides ample space for fish movement. \r\n9. Scratch-resistant glass. \r\n10. Ideal for home and office decor.', 15000.00, 7, 'qrcodes/15000.jpg'),
(51, 'Imported Mini Tank', 'products/Imported Mini Tank.webp', 'Compact and stylish mini fish tank', '1. Ideal for small spaces and desks. \r\n2. Perfect for bettas and small fish. \r\n3. High-quality imported glass. \r\n4. Includes a secure lid. \r\n5. Low-maintenance and easy to clean. \r\n6. Adds elegance to any setup. \r\n7. Suitable for freshwater aquariums. \r\n8. Scratch-resistant and durable. \r\n9. Can be used for shrimp and nano setups. \r\n10. Great for beginners and kids.', 5000.00, 7, 'qrcodes/5000.jpg'),

(52, 'Shrimp Net Basic', 'products/Shrimp Net Basic.webp', 'Lightweight and gentle net for shrimp handling', '1. Designed specifically for shrimp and small fish. \r\n2. Soft mesh to prevent damage. \r\n3. Lightweight and easy to use. \r\n4. Long handle for better reach. \r\n5. Corrosion-resistant material. \r\n6. Great for delicate aquarium inhabitants. \r\n7. Helps in safe transfer of shrimp. \r\n8. Fine mesh prevents escape. \r\n9. Suitable for freshwater and marine tanks. \r\n10. A must-have for shrimp keepers.', 300.00, 5, 'qrcodes/300.jpg'),
(53, 'Red Platy | 2 Pairs', 'products/Red Platy.jpg', 'Bright and lively red platy fish', '1. Stunning red coloration. \r\n2. Peaceful and community-friendly. \r\n3. Hardy and beginner-friendly. \r\n4. Adapts to various water conditions. \r\n5. Fast swimmers and active. \r\n6. Breeds easily in home aquariums. \r\n7. Helps control algae growth. \r\n8. Thrives in planted setups. \r\n9. Safe with most tank mates. \r\n10. Adds vibrancy to any aquarium.', 120.00, 1, 'qrcodes/120.jpg'),
(54, 'Hairgrass Plant', 'products/Hairgrass Plant.jpg', 'Beautiful carpeting plant for aquascapes', '1. Creates a lush green carpet. \r\n2. Fast-growing under good lighting. \r\n3. Ideal for aquascaping. \r\n4. Provides oxygen for fish. \r\n5. Soft texture for shrimp and small fish. \r\n6. Thrives in nutrient-rich substrates. \r\n7. Can be trimmed for desired height. \r\n8. Enhances tank aesthetics. \r\n9. Reduces nitrate levels. \r\n10. Suitable for beginner and expert aquarists.', 200.00, 2, 'qrcodes/200.jpg'),
(55, 'SUNSUN HW-6038 External Canister Filter', 'products/SUNSUN HW-603B External Canister Filter.webp', 'Powerful external filter for aquariums', '1. Ensures crystal-clear water quality. \r\n2. Suitable for medium-sized tanks. \r\n3. Multi-stage filtration system. \r\n4. Energy-efficient and quiet operation. \r\n5. Easy to set up and maintain. \r\n6. Reduces maintenance frequency. \r\n7. High-capacity filtration media. \r\n8. Improves fish and plant health. \r\n9. Compact and space-saving design. \r\n10. Ideal for freshwater and marine aquariums.', 4000.00, 3, 'qrcodes/4000.jpg'),
(56, 'Aquarium Fish Tank Ceramic Cichlids Rock Cave', 'products/Aquarium Fish Tank Ceramic Cichlids Rock Cave Breeding Stone Landscape.jpg', 'Natural-looking ceramic rock cave for fish', '1. Provides hiding space for fish. \r\n2. Made from safe, non-toxic ceramic. \r\n3. Mimics natural rock formations. \r\n4. Ideal for cichlids and shy fish. \r\n5. Promotes breeding and shelter. \r\n6. Enhances tank aesthetics. \r\n7. Easy to clean and maintain. \r\n8. Does not alter water chemistry. \r\n9. Suitable for fresh and saltwater tanks. \r\n10. Encourages natural fish behavior.', 800.00, 4, 'qrcodes/800.jpg'),
(57, 'Pufferfish', 'products/Pufferfish.jpg', 'Unique and intelligent freshwater pufferfish', '1. Fascinating and interactive fish. \r\n2. Can recognize owners. \r\n3. Requires a spacious tank. \r\n4. Has a distinct personality. \r\n5. Needs a protein-rich diet. \r\n6. Can inflate when threatened. \r\n7. Not ideal for community tanks. \r\n8. Sharp teeth for crushing food. \r\n9. Needs frequent water changes. \r\n10. Best for experienced aquarists.', 1500.00, 1, 'qrcodes/1500.jpg'),
(58, 'Silver Arowana', 'products/Silver Arowana.jpeg', 'Majestic predator fish with metallic shine', '1. Large and powerful swimmer. \r\n2. Requires a spacious tank. \r\n3. Grows up to 3 feet in length. \r\n4. Carnivorous diet. \r\n5. Known for jumping ability. \r\n6. Intelligent and responsive to owners. \r\n7. Long lifespan with proper care. \r\n8. Requires high filtration. \r\n9. Considered a status fish. \r\n10. Best for experienced fish keepers.', 4500.00, 1, 'qrcodes/157.jpg'),
(59, 'Asian Arowana', 'products/Asian Arowana.jpg', 'Rare and majestic freshwater predator', '1. Known for its striking metallic scales. \r\n2. Symbol of wealth and prosperity. \r\n3. Requires a large tank with strong filtration. \r\n4. Carnivorous diet with live foods. \r\n5. Highly intelligent and interactive. \r\n6. Can grow up to 3 feet in length. \r\n7. Prefers warm, clean water conditions. \r\n8. Long lifespan of over 20 years. \r\n9. Requires experienced care. \r\n10. Regulated trade due to high demand.', 12000.00, 1, 'qrcodes/158.jpg'),
(60, 'Alligator Gar', 'products/Alligator_Gar.jpg', 'Large predatory fish with an armored body', '1. Ancient fish species with bony scales. \r\n2. Can grow over 6 feet long. \r\n3. Requires a massive tank or pond. \r\n4. Prefers live or frozen food. \r\n5. Has sharp teeth for hunting. \r\n6. Can survive in brackish

water. \r\n7. Needs strong filtration. \r\n8. Not suitable for community tanks. \r\n9. Lives up to 50 years. \r\n10. Best for experienced keepers.', 8000.00, 1, 'qrcodes/159.jpg'),
(61, 'Koi', 'products/Koi.jpg', 'Beautiful ornamental pond fish', '1. Comes in various vibrant colors. \r\n2. Symbolizes luck and prosperity. \r\n3. Grows up to 3 feet in length. \r\n4. Requires an outdoor pond for optimal growth. \r\n5. Peaceful and social with other koi. \r\n6. Needs clean, well-oxygenated water. \r\n7. Can recognize and interact with owners. \r\n8. Lives for decades with proper care. \r\n9. Cold-water species, tolerates temperature fluctuations. \r\n10. Eats pellets, vegetables, and live foods.', 3000.00, 1, 'qrcodes/160.jpg'),
(62, 'Rainbow Shark', 'products/Rainbow Shark.jpg', 'Aggressive and active freshwater shark', '1. Has a sleek black body with red fins. \r\n2. Semi-aggressive territorial behavior. \r\n3. Requires ample swimming space. \r\n4. Thrives in planted aquariums. \r\n5. Prefers strong water currents. \r\n6. Omnivorous diet including algae and pellets. \r\n7. Best kept alone or with fast-moving fish. \r\n8. Can grow up to 6 inches. \r\n9. Needs caves or hiding spots. \r\n10. Adds a dynamic presence to any tank.', 1200.00, 1, 'qrcodes/1200.jpg'),
(63, 'Tinfoil Barb', 'products/Tinfoil_Barb.jpg', 'Fast-growing and energetic schooling fish', '1. Has a shimmering silver body. \r\n2. Can grow up to 14 inches. \r\n3. Requires a large tank. \r\n4. Peaceful but active swimmer. \r\n5. Best kept in groups of 5 or more. \r\n6. Needs a well-oxygenated tank. \r\n7. Eats a variety of foods, including plants. \r\n8. Not recommended for planted tanks. \r\n9. Can live up to 10 years. \r\n10. Suitable for experienced aquarists.', 900.00, 1, 'qrcodes/900.jpg'),
(64, 'Flowerhorn', 'products/Flowerhorn.jpg', 'Vibrant hybrid cichlid with a unique head bump', '1. Known for its distinctive nuchal hump. \r\n2. Extremely territorial and aggressive. \r\n3. Bright, attractive colors and patterns. \r\n4. Requires a large tank with strong filtration. \r\n5. Eats high-protein pellets and live food. \r\n6. Can recognize and respond to owners. \r\n7. Grows up to 12-16 inches. \r\n8. Prefers warm water conditions. \r\n9. Lives up to 10 years with good care. \r\n10. Best kept alone due to aggression.', 6000.00, 1, 'qrcodes/163.jpg'),
(65, 'Blue Discus', 'products/Blue_discus.jpg', 'Elegant freshwater fish with a striking blue hue', '1. Known as the king of the aquarium. \r\n2. Requires warm, soft water conditions. \r\n3. Best kept in small groups. \r\n4. Eats high-quality pellets and live foods. \r\n5. Highly sensitive to water quality. \r\n6. Prefers a peaceful tank environment. \r\n7. Grows up to 6-8 inches. \r\n8. Has a round, flat body shape. \r\n9. Needs regular maintenance and monitoring. \r\n10. Ideal for experienced aquarists.', 7500.00, 1, 'qrcodes/164.jpg'),
(66, 'Angel Fish', 'products/Angel Fish.jpg', 'Graceful and elegant freshwater fish', '1. Distinct triangular shape with long fins. \r\n2. Peaceful but semi-aggressive at times. \r\n3. Best kept in tall tanks. \r\n4. Grows up to 6 inches. \r\n5. Eats flakes, pellets, and frozen foods. \r\n6. Needs warm, slightly acidic water. \r\n7. Can breed in pairs. \r\n8. Compatible with most community fish. \r\n9. Slow swimmers, avoid fin-nipping tankmates. \r\n10. Enhances the beauty of planted tanks.', 1600.00, 1, 'qrcodes/165.jpg'),
(67, 'Red Shoulder Peacock', 'products/Red Shoulder Peacock.jpg', 'Striking African cichlid with a vibrant red hue', '1. Native to Lake Malawi in Africa. \r\n2. Requires high pH and hard water. \r\n3. Males display bright colors. \r\n4. Grows up to 6 inches. \r\n5. Needs a rocky tank setup. \r\n6. Territorial but compatible with other cichlids. \r\n7. Eats pellets, flakes, and live food. \r\n8. Requires strong filtration. \r\n9. Prefers warm water conditions. \r\n10. Ideal for cichlid enthusiasts.', 5000.00, 1, 'qrcodes/5000.jpg'),
(68, 'Redtail Catfish', 'products/redtail catfish.jpeg', 'Massive catfish with a distinctive red tail', '1. Grows over 3 feet in length. \r\n2. Requires a large pond or huge tank. \r\n3. Carnivorous and predatory nature. \r\n4. Peaceful but will eat smaller fish. \r\n5. Prefers sandy substrates. \r\n6. Needs excellent filtration. \r\n7. Lives up to 20 years. \r\n8. Requires high-protein food. \r\n9. Has a unique red-tipped tail. \r\n10. Best for experienced fish keepers.', 7000.00, 1, 'qrcodes/7000.jpg'),

(69, 'Pleco', 'products/Pleco.jpg', 'Algae-eating bottom dweller', '1. Excellent for controlling algae. \r\n2. Can grow up to 24 inches (common species). \r\n3. Requires driftwood and hiding spots. \r\n4. Best kept in large tanks. \r\n5. Eats algae wafers and sinking pellets. \r\n6. Peaceful but territorial with other plecos. \r\n7. Lives up to 10 years. \r\n8. Needs strong filtration. \r\n9. Prefers warm water. \r\n10. Active mostly at night.', 1400.00, 1, 'qrcodes/168.jpg'),
(70, 'Molly', 'products/Molly.webp', 'Hardy and colorful livebearer fish', '1. Available in many color variations. \r\n2. Livebearer species, easy to breed. \r\n3. Peaceful community fish. \r\n4. Requires slightly alkaline water. \r\n5. Eats flakes, pellets, and veggies. \r\n6. Can thrive in brackish water. \r\n7. Best kept in groups. \r\n8. Grows up to 4 inches. \r\n9. Active and fun to watch. \r\n10. Ideal for beginners.', 600.00, 1, 'qrcodes/169.jpg'),
(71, 'Blue Discus', 'products/blue_discus.jpg', 'A vibrant and elegant discus fish for aquariums.', '1. Striking blue coloration with intricate patterns. \r\n 2. Requires stable water conditions for optimal health. \r\n 3. Best kept in a warm, well-maintained tank. \r\n 4. Grows up to 8-10 inches in size. \r\n 5. Thrives in a community tank with peaceful fish. \r\n 6. Prefers a protein-rich diet for bright colors. \r\n 7. Sensitive to sudden water parameter changes. \r\n 8. Ideal for intermediate and experienced aquarists. \r\n 9. Enhances visual appeal of aquascapes. \r\n 10. A prized species in the aquarium hobby.', 7500.00, 1, 'qrcodes/blue_discus.jpg'),
(72, 'Angel Fish', 'products/angel fish.jpg', 'A graceful freshwater fish with striking fins.', '1. Distinctive triangular fins and elegant shape. \r\n 2. Grows up to 6 inches in height. \r\n 3. Prefers slightly acidic to neutral water. \r\n 4. Compatible with peaceful community fish. \r\n 5. Can be territorial during breeding. \r\n 6. Requires a well-planted aquarium with open space. \r\n 7. Comes in various color variations. \r\n 8. Eats flakes, pellets, and frozen foods. \r\n 9. Easy to breed under proper conditions. \r\n 10. A favorite among freshwater aquarium enthusiasts.', 1600.00, 1, 'qrcodes/angel_fish.jpg'),
(73, 'Red Shoulder Peacock', 'products/red shoulder peacock.jpg', 'A colorful and active African cichlid species.', '1. Displays stunning red, blue, and yellow hues. \r\n 2. Native to African rift lakes. \r\n 3. Requires a pH between 7.5 and 8.5. \r\n 4. Grows up to 5-6 inches in size. \r\n 5. Best kept with other peacock cichlids. \r\n 6. Thrives in rocky, well-structured aquariums. \r\n 7. Prefers protein-based diets with occasional greens. \r\n 8. Can be semi-aggressive towards smaller fish. \r\n 9. Males are more vibrantly colored than females. \r\n 10. Ideal for cichlid enthusiasts and hobbyists.', 5000.00, 1, 'qrcodes/5000.jpg'),
(74, 'Redtail Catfish', 'products/redtail catfish.jpeg', 'A large and powerful predatory fish for expert keepers.', '1. Features a distinctive red tail fin. \r\n 2. Can grow up to 4 feet in captivity. \r\n 3. Requires a large aquarium or pond. \r\n 4. Prefers meaty diets like fish and shrimp. \r\n 5. Not suitable for small tank setups. \r\n 6. Best housed alone or with other large fish. \r\n 7. Thrives in warm tropical water conditions. \r\n 8. Can be aggressive towards smaller tank mates. \r\n 9. Requires strong filtration due to waste production. \r\n 10. A fascinating species for advanced aquarists.', 7000.00, 1, 'qrcodes/7000.jpg'),
(75, 'Pleco', 'products/pleco.jpg', 'A hardy algae-eating bottom-dweller.', '1. Excellent at keeping aquariums clean. \r\n 2. Comes in various species and sizes. \r\n 3. Prefers hiding spots like caves and driftwood. \r\n 4. Eats algae, wafers, and plant-based foods. \r\n 5. Can grow from 4 inches to over 2 feet. \r\n 6. Suitable for most freshwater aquariums. \r\n 7. Generally peaceful but territorial with other plecos. \r\n 8. Requires stable water conditions. \r\n 9. Helps maintain tank cleanliness. \r\n 10. A popular choice for beginner and expert aquarists.', 1400.00, 1, 'qrcodes/pleco.jpg');

CREATE TABLE `species` (
  `id` int(11) NOT NULL,
  `name` varchar(255) NOT NULL,
  `available` tinyint(1) DEFAULT 1

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) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

CREATE TABLE `suggestions` (
  `id` int(11) NOT NULL,
  `email` varchar(255) NOT NULL,
  `suggestion` text NOT NULL,
  `timestamp` timestamp NOT NULL DEFAULT current_timestamp()
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `suggestions` (`id`, `email`, `suggestion`, `timestamp`) VALUES
(1, 'rajeshwaranjy@gmail.com', 'asdfghjkl', '2025-02-17 20:24:46'),
(2, 'rajeshwaranjy@gmail.com', 'asd', '2025-02-18 18:10:55'),
(3, 'rajeshwaranjy@gmail.com', 'asdf', '2025-02-18 18:14:50'),
(4, 'rajeshwaranjy@gmail.com', 'asdfghj', '2025-02-18 18:41:37'),
(5, 'rajeshwaranjy@gmail.com', 'asdf', '2025-02-19 18:18:08'),
(6, 'rajeshwaranjy@gmail.com', 'asdf', '2025-02-19 18:19:12'),
(7, 'farukclgac@gmail.com', 'balu fish', '2025-02-20 06:21:59'),
(8, 'farukclgac@gmail.com', 'acs', '2025-02-20 06:22:42'),
(9, 'rajeshwaranjy@gmail.com', 'asdfhjk', '2025-02-26 09:52:38');

CREATE TABLE `videos` (
  `id` int(5) NOT NULL,
  `title` varchar(20) NOT NULL,
  `video_path` varchar(100) NOT NULL,
  `description` varchar(2000) NOT NULL
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4_general_ci;

INSERT INTO `videos` (`id`, `title`, `video_path`, `description`) VALUES
(1, 'The Pufferfish', 'videos/Pufferfish.mp4', 'Pufferfish, belonging to the Tetraodontidae family, are a group of highly distinctive and often toxic marine and freshwater fish known for their ability to inflate their bodies as a defense mechanism against predators. Found in tropical and subtropical waters worldwide, they possess tough, often spiky skin and a unique dental structure with fused teeth forming a strong beak-like plate. Many species contain tetrodotoxin, a potent neurotoxin that can be lethal to predators and humans if consumed improperly. Despite their toxicity, pufferfish are considered a delicacy in some cultures, particularly in Japan, where specially trained chefs prepare fugu, a dish requiring precise techniques to remove poisonous parts safely. These fish exhibit slow, deliberate movements but can be surprisingly agile when necessary, using their pectoral fins for precise maneuvering. Their diet primarily consists of mollusks, crustaceans, and small invertebrates, which they crush using their strong jaws. Some species display striking patterns and colors, serving as a warning to potential predators. Pufferfish have excellent vision and a curious, intelligent nature, making them fascinating subjects for marine biologists and aquarium enthusiasts alike.'),
(2, 'The Shrimp', 'videos/Shrimp.mp4', 'Shrimp are small, decapod crustaceans found in both freshwater and saltwater environments worldwide, playing a crucial role in aquatic ecosystems as both prey and predators. Characterized by their elongated, semi-transparent bodies, flexible abdomens, and fan-like tails, shrimp possess a hard exoskeleton that they periodically shed through molting. They use their long, slender antennae for sensing their surroundings and have specialized appendages called pleopods, or swimmerets, that aid in swimming. As omnivores, shrimp feed on algae, plankton, and detritus, contributing to nutrient recycling in their habitats. Their rapid reproductive cycles and adaptability make
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them an essential food source for larger marine animals, including fish, seabirds, and humans. Shrimp are a highly valuable seafood commodity, harvested through both wild fisheries and aquaculture, with species like whiteleg shrimp (Litopenaeus vannamei) and tiger prawns (Penaeus monodon) being among the most commercially significant. They are prized for their delicate texture and mild, sweet flavor, making them a staple in global cuisines. Despite their economic importance, concerns about overfishing and habitat destruction, particularly in mangrove forests, have led to increased efforts toward sustainable shrimp farming and environmentally responsible harvesting practices.'),
(3, 'The Anglerfish', 'videos/The Anglerfish.mp4', 'Anglerfish are deep-sea predatory fish known for their bioluminescent lure, which they use to attract prey in the pitch-black depths of the ocean. Belonging to the order Lophiiformes, these fish have large, gaping mouths filled with sharp, needle-like teeth and a highly expandable stomach that allows them to consume prey nearly their own size. Their most distinctive feature is the modified dorsal spine, or esca, which contains bioluminescent bacteria that produce light through symbiosis, helping the anglerfish ambush unsuspecting prey. Found primarily in the deep sea, some species also inhabit shallower waters along continental slopes. Females are significantly larger than males, and in certain species, males exhibit extreme sexual dimorphism by fusing to the female's body, living as tiny, parasitic mates that provide sperm in exchange for nutrients. Anglerfish are highly adapted to the high-pressure, low-light conditions of the deep ocean, where food is scarce, making their energy-efficient hunting strategy essential for survival. Their grotesque appearance and eerie glowing lure have made them a subject of fascination in marine biology, deep-sea exploration, and popular culture.'),
(4, 'The Asian Arowana | ', 'videos/The Asian Arowana.mp4', 'The Asian arowana (Scleropages formosus), also known as the dragon fish or bonytongue, is a highly prized freshwater fish native to Southeast Asia. Renowned for its striking appearance, it symbolizes luck, prosperity, and strength in many Asian cultures, particularly in Chinese tradition. This fish has a long, sleek body adorned with large metallic scales, and its coloration varies among different variants, including red, gold, silver, and green. Known for their territorial and predatory behavior, Asian arowanas are graceful surface swimmers that can grow up to 90 cm (3 feet) in length and live for 10 to 15 years or more in captivity. They inhabit slow-moving rivers, lakes, and swamps across'),
(5, 'The Atlantic Spadefi', 'videos/The Atlantic Spadefish.mp4', 'The Atlantic spadefish (Chaetodipterus faber) is a striking marine fish found along the western Atlantic coasts. Its disc-shaped, silver body features vertical black bands, making it easily recognizable. These fish are typically found in schools near coral reefs, shipwrecks, and estuarine environments. They are omnivorous, feeding on jellyfish, crustaceans, plankton, and algae. Juveniles often shelter in sea grass beds or around floating debris for protection. Atlantic spadefish are popular targets for recreational fishing due to their strong swimming abilities. They contribute significantly to the biodiversity of their marine ecosystems.'),
(6, 'The Beluga Whale', 'videos/The Beluga Whale.mp4', 'The beluga whale (Delphinapterus leucas), also known as the \"canary of the sea,\" is a toothed whale native to Arctic and sub-Arctic waters. Its pure white coloration and bulbous forehead (called a melon) are distinctive features. Belugas are highly vocal, using a range of clicks, whistles, and chirps for communication and echolocation. They are social animals, often seen in pods, and migrate seasonally in search of food. Their diet includes fish, squid, and crustaceans, making them apex predators in their habitat. Belugas can dive to great depths but prefer shallow coastal areas. Sadly, they face threats from climate change, pollution, and habitat loss.'),
(7, 'The Blue Crab', 'videos/The Blue Crab.mp4', 'The blue crab (Callinectes sapidus), famous for its vibrant blue claws, is native to the western Atlantic and Gulf of Mexico. It is a highly valued seafood delicacy, known for its sweet, tender meat. Blue crabs inhabit estuarine and coastal waters, thriving in both brackish and saltwater environments. They are opportunistic feeders, consuming plants, detritus, small fish, and invertebrates. These crabs are highly territorial and use their sharp claws for defense. Blue

crabs play a critical role in maintaining the ecological balance of their habitats. However, overfishing and habitat degradation have led to concerns about their conservation.'),
(8, 'The Bottlenose Dolph', 'videos/The Bottlenose Dolphin.mp4', 'The bottlenose dolphin (Tursiops truncatus) is a charismatic marine mammal found in oceans and coastal waters worldwide. Known for their intelligence, these dolphins use echolocation to hunt and navigate underwater. They are social creatures, forming tight-knit pods that often display cooperative hunting behaviors. Their diet consists of fish, squid, and crustaceans, and they are skilled at catching prey with precision. Bottlenose dolphins communicate using a variety of whistles and clicks, unique to each individual. Playful and curious, they often interact with humans and boats. Unfortunately, threats like pollution, fishing gear entanglement, and habitat destruction affect their population'),
(9, 'The Boxfish', 'videos/The Boxfish.mp4', 'The boxfish, members of the family Ostraciidae, are slow-swimming reef fish recognized for their box-shaped bodies encased in bony plates. They inhabit tropical and subtropical coral reefs, where their rigid armor protects them from predators. Their diet includes small invertebrates, sponges, and algae, which they forage from the seabed. Boxfish are unique in their ability to release a toxic substance from their skin when threatened, deterring predators. Despite their rigid bodies, they are surprisingly maneuverable, using their fins for precise movements. They are popular in marine aquariums due to their unusual appearance. However, their toxin makes them a challenging species to keep.'),
(10, 'The Clown Triggerfis', 'videos/The Clown Triggerfish.mp4', 'The clown triggerfish (Balistoides conspicillum) is a strikingly colorful reef fish found in the tropical Indo-Pacific. It has a bold pattern with large white spots on a black body, a yellow mouth, and vivid yellow and black markings. These territorial fish are often solitary and inhabit coral reefs and lagoons. They are carnivorous, feeding on sea urchins, crustaceans, and mollusks, using their powerful jaws to crush shells. Clown triggerfish are highly territorial and can be aggressive toward other fish or intruders. They are popular in marine aquariums but require careful handling due to their sharp teeth. In the wild, they contribute to reef health by controlling populations of hard-shel'),
(11, 'The Cownose Ray', 'videos/The Cownose Ray.mp4', 'The cownose ray (Rhinoptera bonasus) is a graceful species of ray found in warm, shallow waters of the western Atlantic and Gulf of Mexico. It has a unique, wing-like body shape and a head resembling a cow nose, hence its name. These rays are highly migratory, traveling in large schools over long distances. They primarily feed on benthic invertebrates such as clams, oysters, and crustaceans, using their specialized dental plates to crush shells. Cownose rays are harmless to humans, despite their venomous spine, which is used only for defense. They play a role in maintaining the balance of benthic ecosystems. However, overfishing and habitat loss threaten their populations.'),
(12, 'The Cuttlefish', 'videos/The Cuttlefish.mp4', 'Cuttlefish, members of the order Sepiida, are intelligent marine mollusks closely related to squids and octopuses. They are renowned for their ability to change color and texture rapidly for camouflage and communication. Found in oceans worldwide, cuttlefish inhabit shallow waters, reefs, and sandy seafloors. They have a unique internal shell called the cuttlebone, which helps regulate buoyancy. Their diet consists of small fish, crabs, and shrimp, which they catch using their specialized tentacles. Known for their complex behaviors and problem-solving abilities, cuttlefish are among the most intelligent invertebrates. Unfortunately, they are often targeted in fisheries, which affects their '),
(13, 'The Dogface Puffer', 'videos/The Dogface Puffer.mp4', 'The dogface puffer (Arothron nigropunctatus) is a quirky, slow-moving fish found in tropical Indo-Pacific reefs. It has a rounded body with a face resembling that of a dog, giving it its name. Its coloration ranges from grey to yellow, often with dark spots and markings. Dogface puffers are carnivorous, feeding on a variety of invertebrates, including crustaceans, mollusks, and coral. Like other puffers, they can inflate their bodies as a defense mechanism to deter predators. They also produce a potent toxin called tetrodotoxin, making them

dangerous to consume. Popular in aquariums, they require specific care due to their dietary needs and delicate skin.'),
(14, 'The Epaulette Shark', 'videos/The Epaulette Shark.mp4', 'The epaulette shark (Hemiscyllium ocellatum) is a small, bottom-dwelling shark native to shallow coral reefs in the Indo-Pacific. It is named for the large, dark spots on its shoulders, resembling epaulettes. This shark is well-adapted to low-oxygen environments and can even walk on its fins across tidal flats. Its diet consists of small fish, crustaceans, and worms, which it hunts at night. Epaulette sharks are docile and harmless to humans, making them a favorite in aquariums. They are important to their ecosystems as predators of small reef organisms. Despite their resilience, habitat destruction poses a threat to their populations.'),
(15, 'The Flame Angelfish', 'videos/The Flame Angelfish.mp4', 'The flame angelfish (Centropyge loricula) is a vibrant reef fish native to tropical Pacific waters. Its bright red-orange body, adorned with vertical black bars and blue-tipped fins, makes it a popular aquarium species. Found in coral reefs and lagoons, it prefers hiding among crevices and rocks. Flame angelfish are omnivorous, feeding on algae, small invertebrates, and detritus. They are territorial and may show aggression toward other small fish, especially in confined spaces. In the wild, they play a role in algae control, contributing to reef health. Over-collection for the aquarium trade has led to concerns about their conservation.'),
(16, 'The Flowerhorn', 'videos/The Flowerhorn.mp4', 'The flowerhorn cichlid is a man-made hybrid fish, celebrated for its bright colors and distinctive nuchal hump (forehead bump). Originating in Southeast Asia, it has no natural habitat and is bred primarily for ornamental purposes. Flowerhorns are aggressive and territorial, requiring large aquariums with ample space. Their diet consists of pellets, live foods, and vegetables, contributing to their vibrant coloration. Popular in feng shui, they are believed to bring luck and prosperity. Breeders create various strains, each with unique patterns and colors. Although admired for their beauty, their release into natural ecosystems can cause ecological harm.'),
(17, 'The Gar', 'videos/The Gar.mp4', 'The gar is a long, slender freshwater fish belonging to the family Lepisosteidae and found in North and Central America. Known for its elongated snout and sharp teeth, it is an ambush predator that feeds on smaller fish and invertebrates. Gars are ancient species with armored, diamond-shaped scales that offer protection from predators. They are capable of breathing air, allowing them to survive in oxygen-poor environments. Gars inhabit rivers, lakes, and estuaries, often lurking near vegetation. Despite their intimidating appearance, gars are harmless to humans. Conservation efforts focus on preserving their habitats as pollution and human activity threaten their survival.'),
(18, 'The Green Sea Turtle', 'videos/The Green Sea Turtle.mp4', 'The green sea turtle (Chelonia mydas) is a large, herbivorous marine reptile found in tropical and subtropical seas worldwide. It has a streamlined shell, which ranges in color from olive to dark brown, and flipper-like limbs for swimming. Green turtles graze on seagrasses and algae, playing a vital role in maintaining healthy seagrass beds. These turtles migrate long distances between feeding grounds and nesting beaches, often returning to the same beach where they were born. They are listed as endangered due to threats like habitat destruction, pollution, and accidental capture in fishing gear. Conservation efforts aim to protect nesting sites and reduce human impact.'),
(19, 'The Hawksbill Sea Tu', 'videos/The Hawksbill Sea Turtle.mp4', 'The hawksbill sea turtle (Eretmochelys imbricata) is a critically endangered marine reptile known for its beautiful, patterned shell. Found in tropical and subtropical waters, it inhabits coral reefs, lagoons, and mangroves. Hawksbills play a crucial role in maintaining coral reef health by feeding on sponges and algae. They are small to medium-sized turtles with a distinctive beak-like mouth, adapted for foraging in crevices. Threats include habitat loss, poaching for their shells, and accidental capture in fishing nets. Conservation efforts focus on protecting nesting beaches and promoting sustainable fishing practices to prevent further population decline.'),

(20, 'The Jellyfish', 'videos/The Jellyfish.mp4', 'Jellyfish are gelatinous, free-swimming marine animals belonging to the phylum Cnidaria. Found in oceans worldwide, they are characterized by their umbrella-shaped bell and trailing tentacles, which contain stinging cells called nematocysts. These cells are used to capture plankton, small fish, and other prey. Jellyfish have a simple body structure, lacking a brain, heart, or lungs, and rely on water currents for movement and feeding. Some species exhibit bioluminescence, producing light in dark environments. While beautiful, certain species can deliver painful stings to humans. Jellyfish blooms are becoming more common due to climate change and overfishing, which disrupt marine ecosystems.'),
(21, 'The Lantern Shark', 'videos/The Lantern Shark.mp4', 'The lantern shark is a small, deep-sea shark species known for its bioluminescent properties. Found in the dark depths of oceans worldwide, these sharks emit light from specialized cells called photophores. This light helps them camouflage against the faint light above and attract prey. Lantern sharks are small, rarely exceeding 50 cm in length, and feed on plankton, small fish, and squid. They are poorly studied due to their elusive nature and deep-water habitats. While not directly threatened by human activity, deep-sea trawling poses potential risks. Lantern sharks contribute to our understanding of deep-sea ecosystems.'),
(22, 'The Lionfish', 'videos/The Lionfish.mp4', 'The lionfish (Pterois species) is a venomous and strikingly beautiful fish native to the Indo-Pacific but invasive in the Atlantic. It has distinctive red, white, and brown stripes with long, flowing fins and venomous spines. Lionfish are voracious predators, feeding on small fish and crustaceans, often outcompeting native species in invaded regions. They inhabit coral reefs, mangroves, and rocky crevices, where they blend in using their intricate patterns. Lionfish have few natural predators outside their native range, leading to population explosions in the Atlantic. Conservation efforts include promoting lionfish as a seafood delicacy to control their spread.'),
(23, 'The Loggerhead Sea T', 'videos/The Loggerhead Sea Turtle.mp4', 'The loggerhead sea turtle (Caretta caretta) is a large, ocean-dwelling reptile known for its powerful jaws and reddish-brown shell. Found in temperate and tropical seas worldwide, it primarily inhabits coastal areas, feeding on crabs, mollusks, and jellyfish. Loggerheads play an important ecological role as they help control populations of their prey. They migrate vast distances between nesting sites and feeding grounds, often returning to the beaches where they hatched. Loggerhead turtles face threats such as habitat destruction, pollution, and accidental capture in fishing gear. Conservation efforts focus on protecting nesting beaches and reducing bycatch in fisheries.'),
(24, 'The Lookdown', 'videos/The Lookdown.mp4', 'The lookdown (Selene vomer) is a flat, silvery fish with a distinctive, steeply sloping forehead. Found in the Atlantic Ocean, it inhabits coastal waters, estuaries, and reefs. Its reflective body helps it camouflage in open water, making it less visible to predators. Lookdowns feed on small crustaceans, worms, and fish, hunting near the seafloor or in the water column. They are schooling fish but can also be found solitary. Known for their graceful swimming, they are a popular species in public aquariums. Overfishing and habitat degradation are potential threats to their populations.'),
(25, 'The Mandarinfish', 'videos/The Mandarinfish.mp4', 'The mandarinfish (Synchiropus splendidus) is a vividly colored reef fish native to the Pacific Ocean. Its body is adorned with intricate patterns of blue, orange, and green, making it one of the most striking marine species. Mandarinfish inhabit lagoons and coral rubble, where they feed on small crustaceans and worms. They are shy and nocturnal, often hiding among coral during the day. These fish are known for their unique courtship displays, where males perform elaborate dances to attract females. Mandarinfish are popular in the aquarium trade but require specialized care due to their diet and habitat needs. Habitat destruction threatens their natural populations.'),
(26, 'The Moorish Idol', 'videos/The Moorish Idol.mp4', 'The Moorish idol (Zanclus cornutus) is a graceful reef fish found in tropical and subtropical oceans worldwide. Its distinctive body features bold black, white, and yellow bands, with an elongated dorsal fin that trails like a ribbon. Moorish idols inhabit coral

reefs and lagoons, where they graze on sponges, algae, and small invertebrates. They are social fish, often seen in pairs or small groups. Despite their beauty, they are challenging to maintain in aquariums due to their specific dietary and habitat requirements. In the wild, they contribute to reef health by controlling sponge growth. Overfishing and habitat loss pose risks to their populations.'),
(27, 'The Mudcrabs', 'videos/The Mudcrabs.mp4', 'Mudcrabs, belonging to the genus Scylla, are large, burrowing crabs found in estuaries and mangroves of the Indo-Pacific region. Known for their robust claws, they are prized as a seafood delicacy in many cuisines. Mudcrabs are omnivorous, feeding on detritus, small invertebrates, and plants. They play an important ecological role by recycling organic matter in their habitats. These crabs are excellent burrowers, creating shelters in mudflats and mangrove roots. Overfishing and habitat destruction have led to a decline in their populations. Sustainable aquaculture practices aim to support their conservation and meet the growing demand for their meat.'),
(28, 'The Ocellaris Clownf', 'videos/The Ocellaris Clownfish.mp4', 'The ocellaris clownfish (Amphiprion ocellaris), also known as the false clownfish, is a vibrant orange and white fish native to coral reefs in the Indo-Pacific. It forms a symbiotic relationship with sea anemones, gaining protection from predators while providing the anemone with food scraps. Clownfish feed on algae, plankton, and small invertebrates. They are sequential hermaphrodites, meaning all individuals are born male but can change to female if necessary. Ocellaris clownfish are highly territorial and fiercely defend their anemone homes. They are popular in aquariums due to their hardy nature and bright colors. Climate change and habitat degradation threaten their populations.'),
(29, 'The Octopus', 'videos/The Octopus.mp4', 'Octopuses are intelligent marine mollusks belonging to the class Cephalopoda, known for their soft bodies and eight tentacles lined with suction cups. Found in oceans worldwide, they inhabit coral reefs, seafloors, and rocky crevices. Octopuses are highly adaptive, using camouflage, ink clouds, and swift movements to evade predators. They are carnivorous, feeding on crabs, shrimp, and fish, often using their beak-like mouth to break shells. With remarkable problem-solving abilities, octopuses are among the most intelligent invertebrates. Their short lifespan and complex behaviors make them fascinating subjects of study. Overfishing and habitat destruction pose threats to their populations.'),
(30, 'The Parrotfish', 'videos/The Parrotfish.mp4', 'Parrotfish are colorful reef fish named for their beak-like teeth, which they use to scrape algae and coral. Found in tropical and subtropical waters, they play a vital role in maintaining reef health by preventing algae overgrowth. Parrotfish also contribute to sand production by grinding coral into fine particles. They are social fish, often forming schools, and some species change sex as they mature. Their vibrant colors make them popular among divers and snorkelers. Overfishing and habitat loss threaten their populations, impacting reef ecosystems. Conservation efforts focus on protecting coral reefs and sustainable fishing practices.'),
(31, 'The Picasso Triggerf', 'videos/The Picasso Triggerfish.mp4', 'The Picasso triggerfish (Rhinecanthus aculeatus) is a strikingly patterned reef fish found in the Indo-Pacific. Its body features bold stripes and patches of blue, yellow, and black, resembling an abstract painting. Picasso triggerfish inhabit coral reefs and lagoons, where they are highly territorial and aggressive toward intruders. They feed on a diet of crustaceans, mollusks, and small fish, using their strong jaws to crush shells. These fish are solitary and use their dorsal spines for defense against predators. In aquariums, they require spacious tanks and careful handling. Habitat degradation poses a threat to their natural populations.'),
(32, 'The Pinecone Fish', 'videos/The Pinecone Fish.mp4', 'The pinecone fish (Cleidopus gloriamaris) is a small, bioluminescent species native to deep reefs in the Indo-Pacific. Its body is covered with thick, bony scales resembling a pinecone, providing protection from predators. Pinecone fish are nocturnal, emerging at night to feed on plankton and small crustaceans. They are unique for their glowing light organs near the mouth, which they use to attract prey and communicate. These fish are slow swimmers and rely on their armor for defense. Popular in aquariums, they require dim lighting to mimic their natural environment. Habitat loss and overfishing threaten their populations.'),

(33, 'The Pipefish', 'videos/The Pipefish.mp4', 'Pipefish are slender, elongated fish closely related to seahorses, found in shallow waters and seagrass beds worldwide. They have tubular snouts and small, delicate fins, making them adept at blending into their surroundings. Pipefish feed on tiny crustaceans and plankton, using their snouts to suck in prey. Males carry fertilized eggs in a specialized brood pouch, providing parental care until the eggs hatch. These fish are slow swimmers and rely on camouflage to avoid predators. Habitat destruction, particularly the loss of seagrass beds, threatens their populations. Conservation efforts aim to protect these vital marine habitats.'),
(34, 'The Powder Blue Tang', 'videos/The Powder Blue Tang.mp4', 'The powder blue tang (Acanthurus leucosternon) is a vibrant reef fish native to the Indian Ocean. Its bright blue body, yellow dorsal fin, and white face make it a favorite among marine aquarium enthusiasts. Found in coral reefs and lagoons, it grazes on algae, playing a crucial role in maintaining reef health. These tangs are territorial and can be aggressive toward other fish, especially of similar species. They are active swimmers, requiring ample space in captivity. Over-collection for the aquarium trade and habitat degradation threaten their wild populations. Sustainable aquarium practices aim to reduce their impact on natural habitats.'),
(35, 'The Queen Angelfish', 'videos/The Queen Angelfish.mp4', 'The queen angelfish (Holacanthus ciliaris) is a stunning reef fish found in the western Atlantic and Caribbean. It has a vibrant blue and yellow body with an iridescent crown-like pattern on its head. Queen angelfish inhabit coral reefs and feed on sponges, algae, and small invertebrates. They are often seen in pairs, which may mate for life. Juveniles have a different coloration, featuring vertical bars and spots. In aquariums, they are prized for their beauty but require large tanks and specialized care. Overfishing and habitat loss pose threats to their populations, emphasizing the need for conservation.'),
(36, 'The Red-Bellied Pira', 'videos/The Red-Bellied Piranha.mp4', 'The red-bellied piranha (Pygocentrus nattereri) is a freshwater fish known for its sharp teeth and powerful jaws. Found in the rivers and lakes of South America, it is often misunderstood as a ferocious predator. In reality, red-bellied piranhas are opportunistic feeders, scavenging for dead animals and feeding on plants and insects. They are social fish, living in schools to protect against predators. Piranhas play an important role in their ecosystems by controlling prey populations and recycling nutrients. Myths about their aggression stem from exaggerated accounts. Overfishing and habitat destruction threaten their natural habitats.'),
(37, 'The Saltwater Crocod', 'videos/The Saltwater Crocodile.mp4', 'The saltwater crocodile (Crocodylus porosus) is the largest living reptile, found in brackish and saltwater habitats across Southeast Asia, Australia, and the Indian subcontinent. These apex predators can grow over 20 feet long and weigh more than 2,000 pounds. Saltwater crocodiles are opportunistic hunters, preying on fish, birds, mammals, and occasionally humans. They are excellent swimmers, capable of traveling long distances in open ocean. Males are highly territorial, often dominating extensive territories. Despite their fearsome reputation, they play a vital role in maintaining ecosystem balance. Habitat destruction and illegal hunting threaten their populations, but conservation effor'),
(38, 'The Sand Tiger Shark', 'videos/The Sand Tiger Shark.mp4', 'The sand tiger shark (Carcharias taurus) is a large, slow-moving shark found in coastal waters and shallow reefs worldwide. Recognizable by its protruding, sharp teeth and bulky body, it has a fearsome appearance but is generally non-aggressive toward humans. Sand tiger sharks are nocturnal hunters, feeding on fish, squid, and crustaceans. They have a unique reproductive strategy called intrauterine cannibalism, where the strongest embryo consumes its siblings. These sharks are often seen hovering near the seafloor, using their ability to gulp air for buoyancy. Overfishing and habitat loss have led to population declines, prompting conservation measures.'),
(39, 'The Sandbar Shark', 'videos/The Sandbar Shark.mp4', 'The sandbar shark (Carcharhinus plumbeus) is a medium-sized shark commonly found in coastal and estuarine waters worldwide. It is characterized by a high dorsal fin and a stocky body with a brownish-gray color. Sandbar sharks are opportunistic feeders, preying on fish, rays, and crustaceans. They prefer shallow waters and often migrate between

warmer and cooler regions seasonally. These sharks are slow to reproduce, making them vulnerable to overfishing. Sandbar sharks are sometimes targeted for their fins in the shark fin trade. Conservation efforts, such as fishing regulations and marine protected areas, aim to ensure their survival.'),
(40, 'The Seahorse', 'videos/The Seahorse.mp4', 'Seahorses are unique marine fish belonging to the genus Hippocampus, known for their horse-like head and upright swimming posture. Found in shallow, sheltered waters and seagrass beds worldwide, they rely on camouflage to avoid predators. Seahorses feed on tiny crustaceans and plankton, sucking them up through their tubular snouts. Males carry eggs in a specialized brood pouch, a rare example of male pregnancy in the animal kingdom. Overharvesting for traditional medicine and the aquarium trade, along with habitat destruction, threaten their populations. Conservation efforts focus on habitat restoration and sustainable practices to protect these fascinating creatures.'),
(41, 'The Sealion', 'videos/The Sealion.mp4', 'Sea lions are marine mammals belonging to the family Otariidae, known for their external ear flaps and powerful front flippers. Found in coastal waters of the Pacific Ocean, they are social animals, often seen basking on beaches or rocks in large groups. Sea lions are excellent swimmers, capable of diving to great depths to hunt fish, squid, and other prey. They are highly vocal, using barks and roars for communication. Threats to their populations include entanglement in fishing gear, pollution, and climate change. Conservation efforts focus on protecting their habitats and reducing human impacts on their ecosystems.'),
(42, 'The Sergeant Major', 'videos/The Sergeant Major.mp4', 'The sergeant major (Abudefduf saxatilis) is a small, colorful reef fish found in tropical and subtropical waters worldwide. It is named for the black vertical stripes on its body, resembling a military rank insignia. These fish inhabit coral reefs, shipwrecks, and rocky outcrops, often forming large schools. Sergeant majors are omnivorous, feeding on algae, plankton, and small invertebrates. They are known for their aggressive behavior, especially when defending nests. Popular among snorkelers and divers for their vibrant appearance, they play a role in reef health by controlling algae growth. Habitat loss and climate change threaten their natural environments.'),
(43, 'The Spotted Garden E', 'videos/The Spotted Garden Eel.mp4', 'The spotted garden eel (Heteroconger hassi) is a small, burrowing fish found in sandy seabeds of tropical and subtropical waters. These eels live in colonies, poking their upper bodies out of burrows to feed on plankton drifting in the current. Their slender bodies are covered in black spots, providing excellent camouflage against the seafloor. Spotted garden eels rely on their burrows for protection, retreating instantly when threatened. They are fascinating to observe due to their synchronized movements and unique behavior. Habitat destruction and sedimentation pose threats to their colonies, emphasizing the need for habitat conservation.'),
(44, 'The Starfish', 'videos/The Starfish.mp4', 'Starfish, or sea stars, are echinoderms belonging to the class Asteroidea, found in oceans worldwide. They have a unique radial symmetry with five or more arms extending from a central disc. Starfish are predators and scavengers, feeding on mollusks, coral, and organic debris. They possess remarkable regenerative abilities, capable of regrowing lost arms. Starfish move using hundreds of tiny tube feet located on the underside of their arms. Despite their resilience, they are vulnerable to habitat destruction and pollution. Their ecological role includes controlling prey populations and maintaining seafloor health, making them vital to marine ecosystems.'),
(45, 'The Swordfish', 'videos/The Swordfish.mp4', 'The swordfish (Xiphias gladius) is a large, fast-swimming predatory fish known for its long, sword-like bill. Found in tropical and temperate oceans, it uses its bill to slash through schools of fish, making it easier to catch prey. Swordfish are highly migratory, traveling vast distances to feed and spawn. They are solitary hunters, often diving to deep, cold waters during the day and rising to the surface at night. Known for their speed and agility, they are popular among sport fishers. Overfishing and bycatch pose significant threats to their populations, but international conservation measures aim to manage their numbers.'),

(46, 'The Three Stripe Dam', 'videos/The Three Stripe Damselfish (Humbug Dascyllus).mp4', 'The three stripe damselfish (Dascyllus aruanus), also called the humbug dascyllus, is a small reef fish with black and white vertical stripes. Found in coral reefs of the Indo-Pacific, they are hardy fish often seen hovering near branching corals. These damselfish feed on algae, plankton, and small invertebrates, playing a role in reef health. They are territorial and can be aggressive, especially when defending their nests. Popular in aquariums for their striking appearance, they require environments with hiding spots and coral-like structures. Climate change and reef degradation threaten their natural habitats.'),
(47, 'The Tiger Shark', 'videos/The Tiger Shark.mp4', 'The tiger shark (Galeocerdo cuvier) is a large, powerful predator found in tropical and subtropical waters worldwide. Its name comes from the dark stripes on its body, which fade with age. Tiger sharks are opportunistic feeders, consuming a wide variety of prey, including fish, seabirds, and marine mammals. They are known as \"ocean cleaners\" for their role in scavenging and controlling prey populations. Despite their reputation as dangerous, tiger sharks are vital for maintaining ecological balance. Overfishing and bycatch threaten their populations, prompting conservation efforts to protect this keystone species.'),
(48, 'The Tomato Clownfish', 'videos/The Tomato Clownfish.mp4', 'The tomato clownfish (Amphiprion frenatus) is a bright orange-red fish with a single white stripe behind its eye, native to coral reefs in the Indo-Pacific. It forms a mutualistic relationship with sea anemones, gaining protection while feeding the anemone with food scraps. Tomato clownfish are omnivorous, feeding on algae, plankton, and small invertebrates. They are sequential hermaphrodites, with dominant females leading their social groups. Popular in aquariums for their vibrant color and hardiness, they require anemones or similar structures for shelter. Habitat loss and climate change threaten their populations, highlighting the need for reef conservation.'),
(49, 'The Unicornfish', 'videos/The Unicornfish.mp4', 'The unicornfish (Naso spp.) is a large, elongated reef fish named for the bony, horn-like protrusion on its forehead. Found in tropical and subtropical oceans, they graze on algae, helping maintain reef health. Unicornfish are excellent swimmers, often found in schools in coral reefs and open waters. They have sharp, retractable spines near their tails used for defense against predators. Their vibrant colors and unique appearance make them popular among divers and aquarists. Overfishing and habitat destruction threaten their populations, prompting efforts to protect reef ecosystems and regulate fishing practices.'),
(50, 'The Weddell Seal', 'videos/The Weddell Seal.mp4', 'The Weddell seal (Leptonychotes weddellii) is a large, ice-dwelling mammal found in Antarctica. Known for its ability to dive to great depths, it feeds on fish, squid, and other marine life under the ice. Weddell seals use their teeth to maintain breathing holes in the ice, a vital survival skill in their extreme environment. They are social animals, often seen resting on ice floes or gathering in groups during the breeding season. Threats to their populations include climate change and shifting ice conditions. Conservation efforts focus on protecting their icy habitats from human impacts.'),
(51, 'The Wendy Seadragon', 'videos/The Weedy Seadragon.mp4', 'The weedy seadragon (Phyllopteryx taeniolatus) is a unique marine fish closely related to seahorses, found along the southern and eastern coasts of Australia. Its body is adorned with leaf-like appendages, providing excellent camouflage among seaweed and kelp. Weedy seadragons feed on small crustaceans and plankton, using their tubular snouts to suck in prey. Males carry fertilized eggs on their tails until they hatch, a rare example of male pregnancy. These fish are slow-moving and rely on their camouflage for protection. Habitat loss, pollution, and overharvesting for the aquarium trade threaten their populations, prompting conservation efforts.'),
(52, 'The Yellow Tang', 'videos/The Yellow Tang.mp4', 'The yellow tang (Zebrasoma flavescens) is a vibrant, lemon-yellow reef fish native to the Indo-Pacific. Found in coral reefs and lagoons, they feed on algae, playing a vital role in controlling algae growth. Yellow tangs are highly social, often seen in groups grazing on reef surfaces. Their striking color and hardiness make them a popular choice in the aquarium

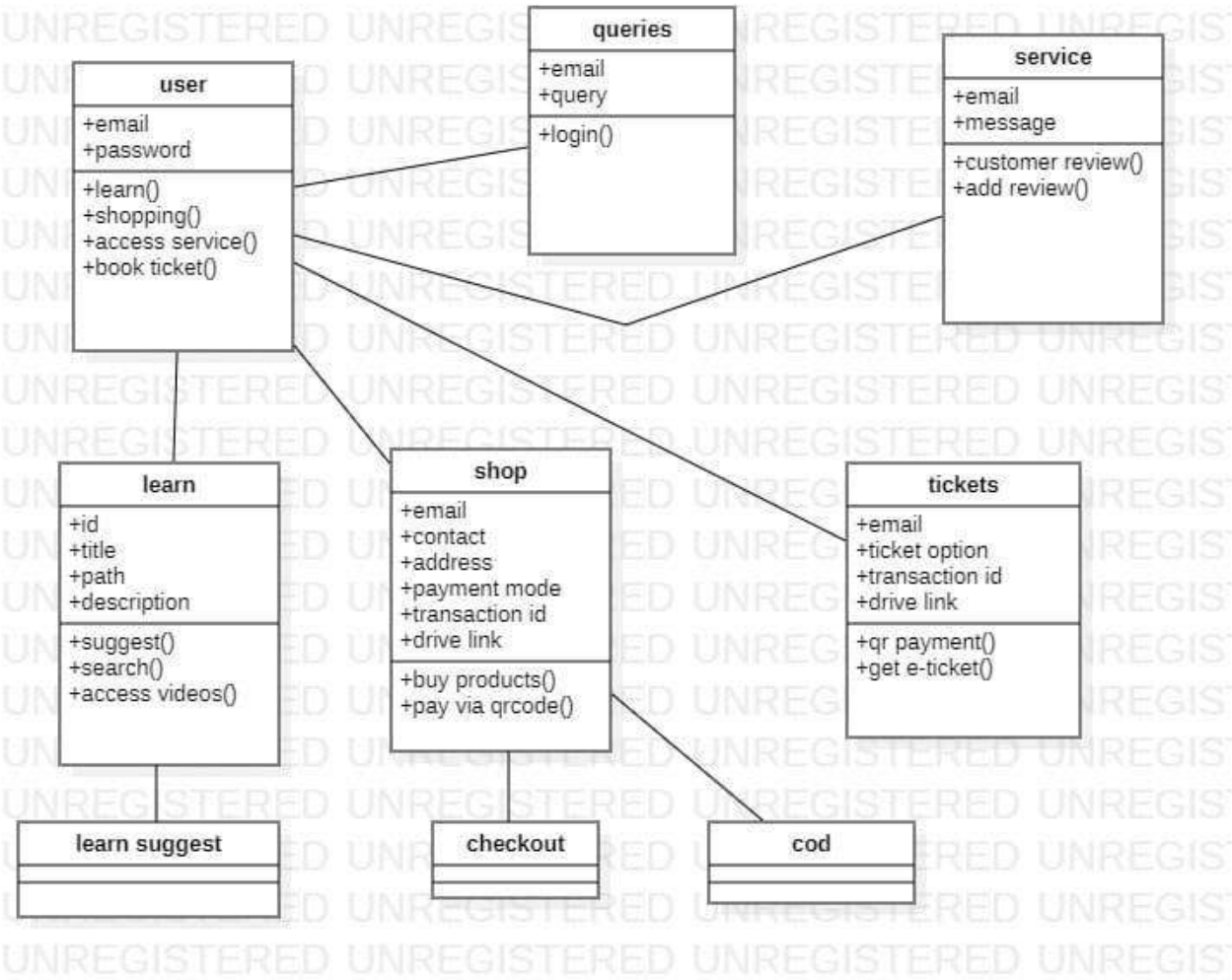
trade. However, overharvesting and habitat loss threaten their wild populations. Conservation efforts focus on sustainable harvesting and protecting reef ecosystems. Their ecological importance underscores the need for reef conservation.');

```
ALTER TABLE `adopted_people`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `adoption_applications`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `categories`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `contact_messages`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `orders`
  ADD PRIMARY KEY (`id`),
  ADD KEY `fk_product` (`product_id`);

ALTER TABLE `payments`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `pets`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `products`
  ADD PRIMARY KEY (`id`),
  ADD KEY `category_id` (`category_id`);

ALTER TABLE `species`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `suggestions`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `videos`
  ADD PRIMARY KEY (`id`);

ALTER TABLE `adopted_people`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

ALTER TABLE `adoption_applications`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=9;

ALTER TABLE `categories`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=8;
```

```
ALTER TABLE `contact_messages`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=12;

ALTER TABLE `orders`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=13;

ALTER TABLE `payments`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=6;

ALTER TABLE `pets`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=53;

ALTER TABLE `products`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=76;
ALTER TABLE `species`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT;
ALTER TABLE `suggestions`
  MODIFY `id` int(11) NOT NULL AUTO_INCREMENT, AUTO_INCREMENT=10;

ALTER TABLE `orders`
  ADD CONSTRAINT `fk_product` FOREIGN KEY (`product_id`) REFERENCES `products` (`id`) ON DELETE
CASCADE;

ALTER TABLE `products`
  ADD CONSTRAINT `products_ibfk_1` FOREIGN KEY (`category_id`) REFERENCES `categories` (`id`) ON
DELETE CASCADE;
COMMIT;
```

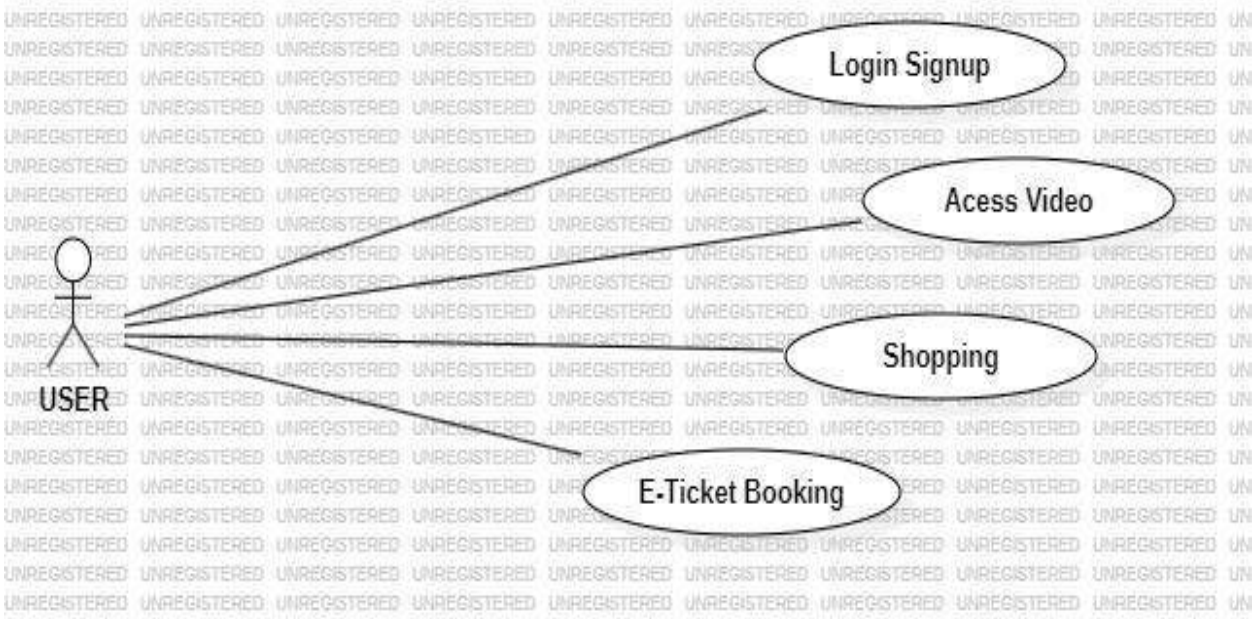
8.2 Diagrams

8.2.1 Class Diagram

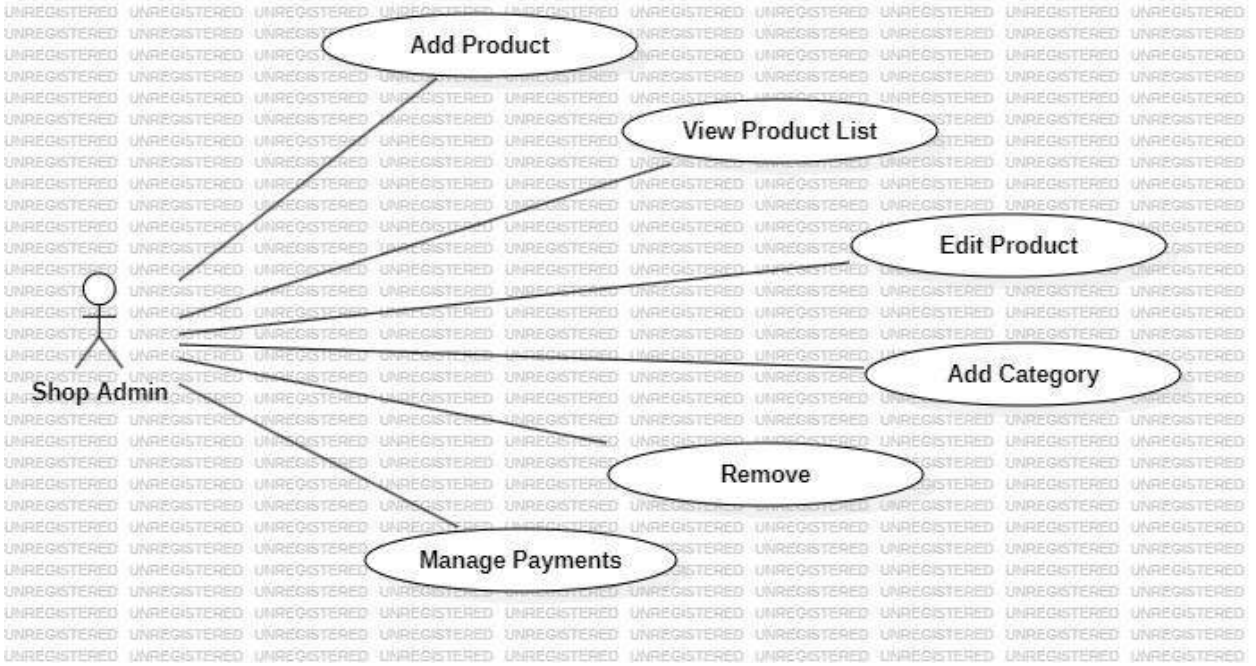


8.2.2 Use Case Diagrams

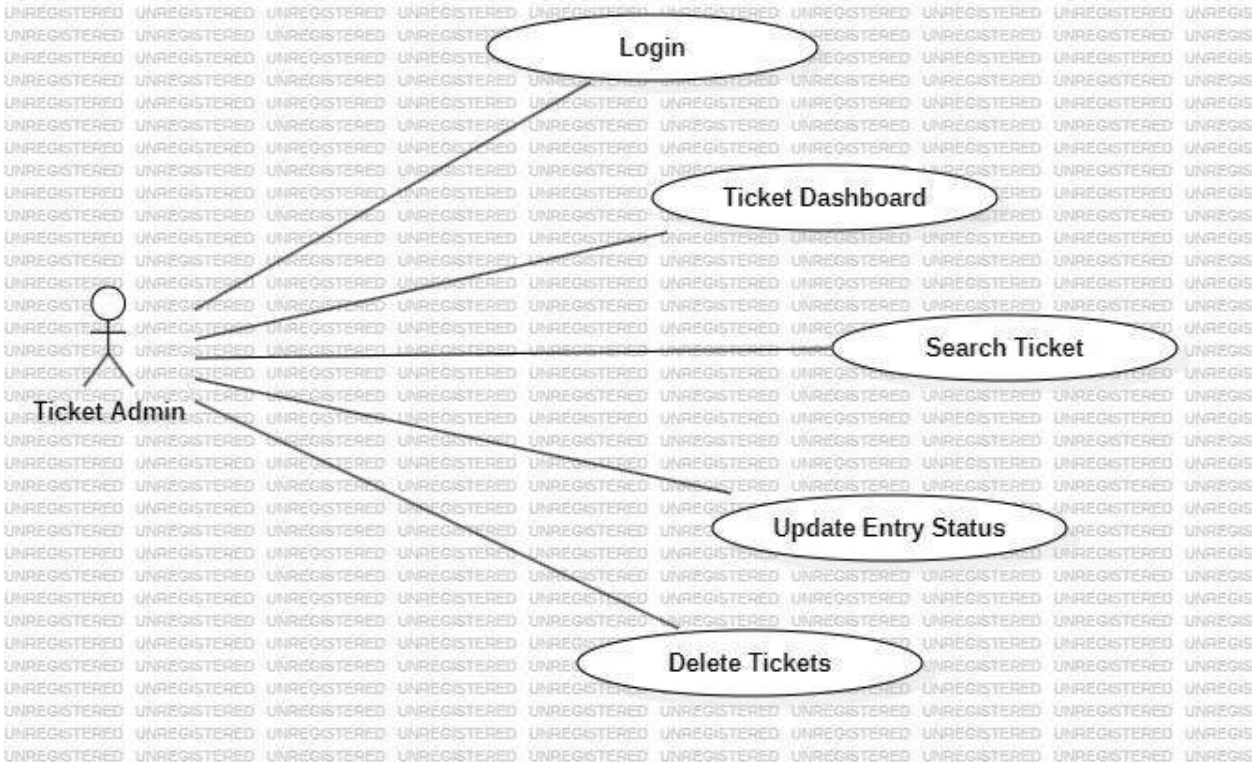
For User:



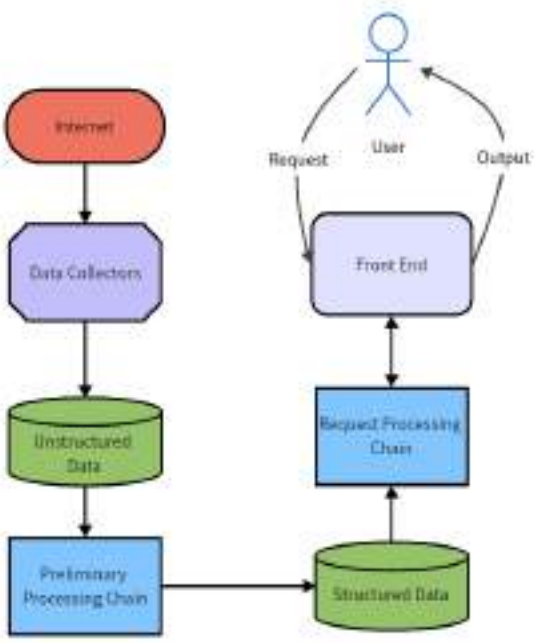
For Shop Admin:



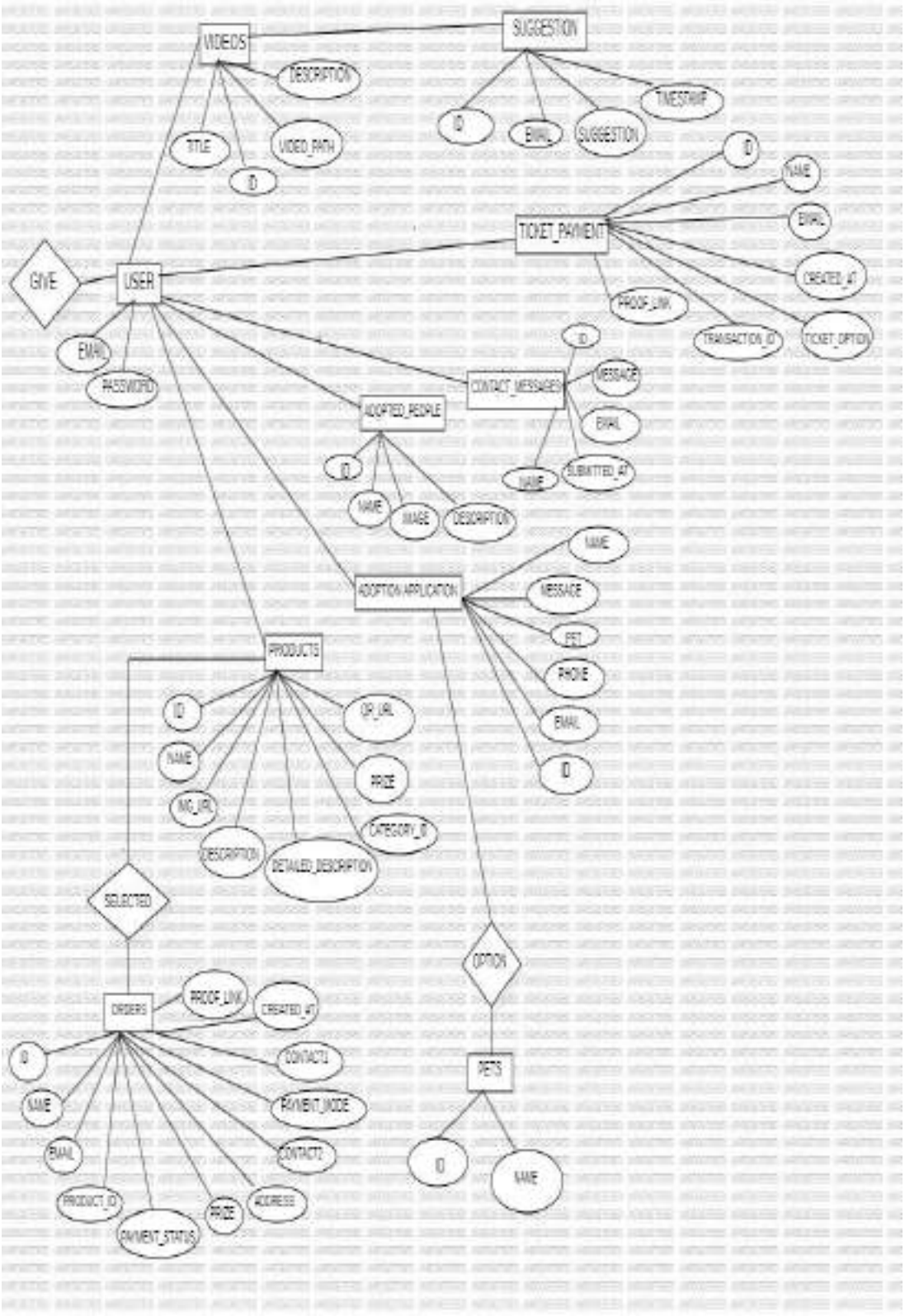
For Ticket Admin:



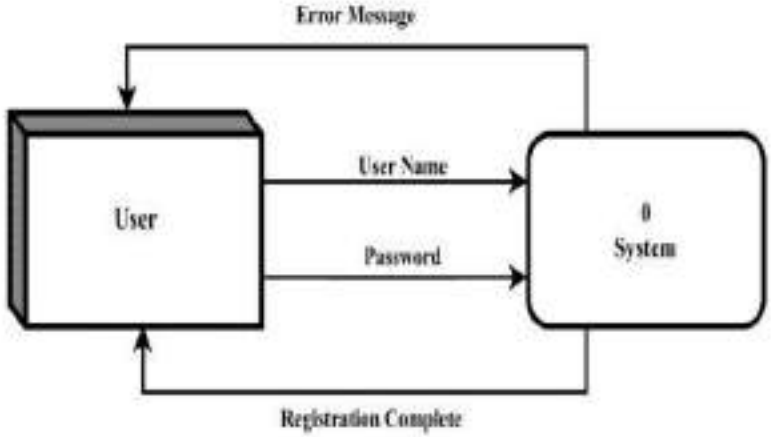
8.2.3 System Architecture Diagram



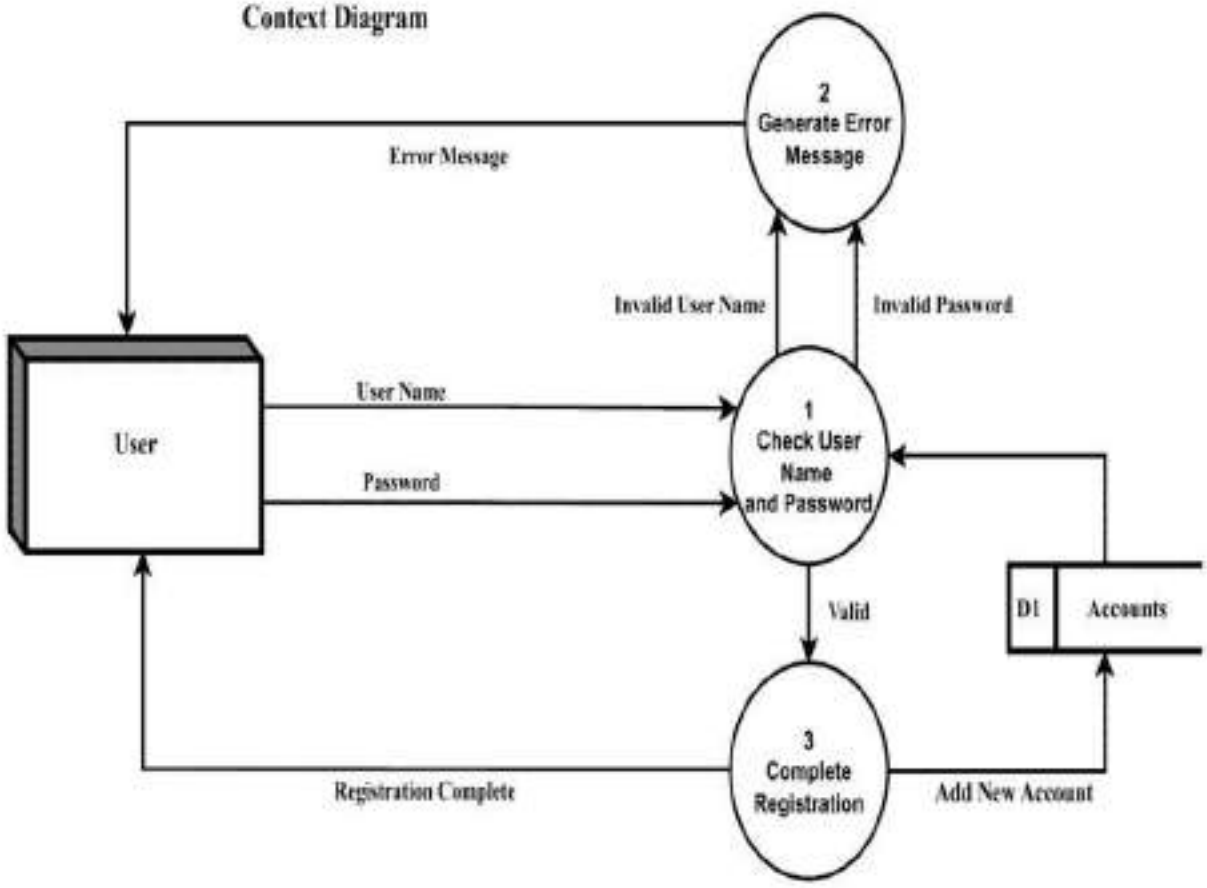
8.2.4 Entity-Relationship (ER) Diagram



8.2.5 Data Flow Diagram (DFD)



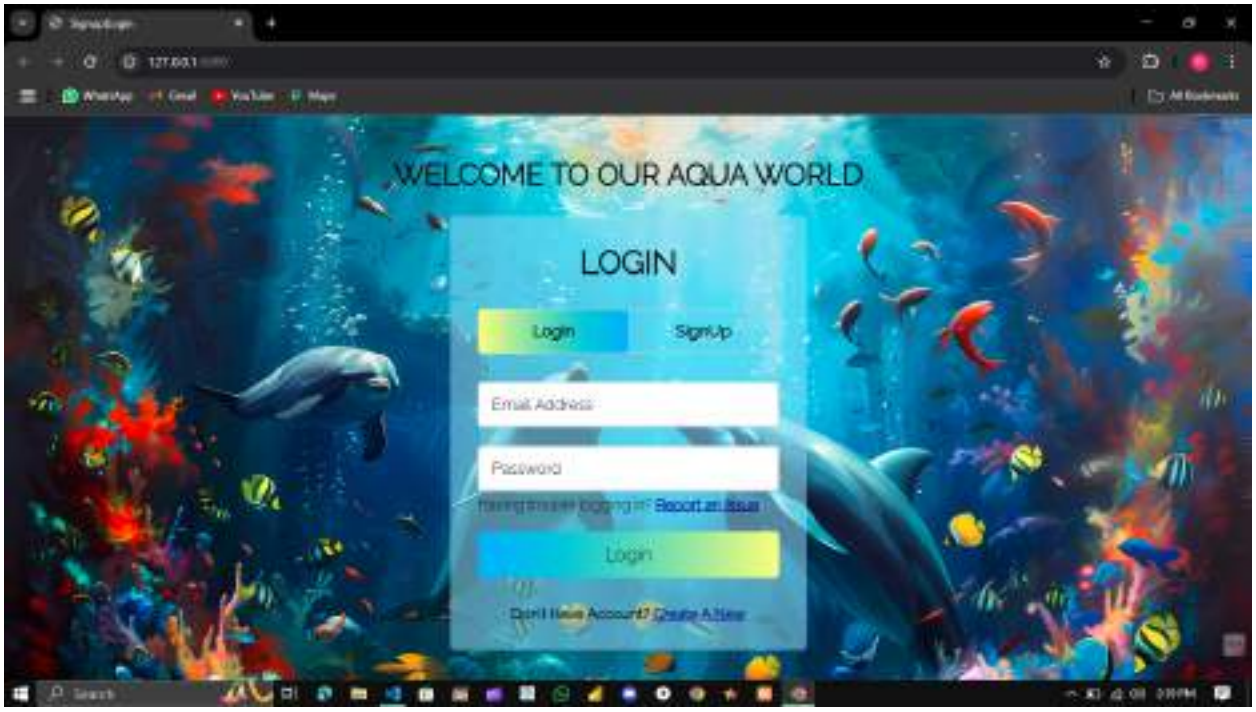
Context Diagram



Level 1 Diagram

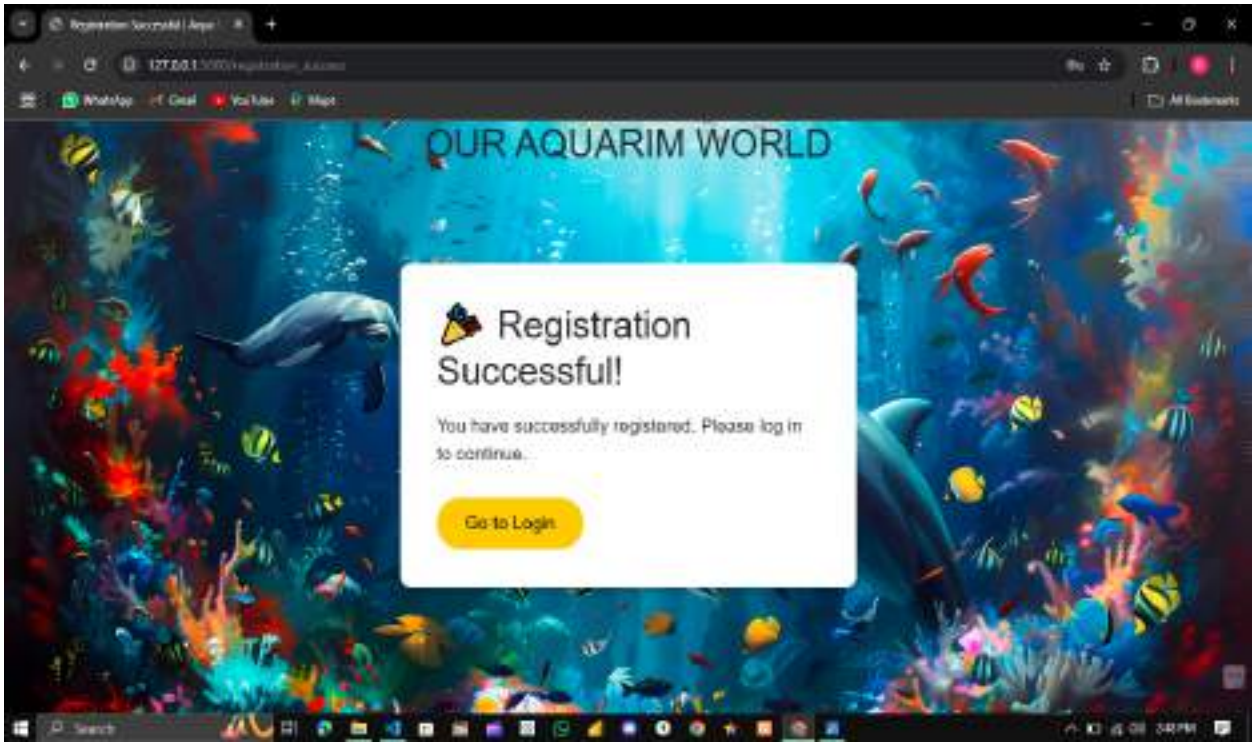
8.3 Screenshots

Loginpage

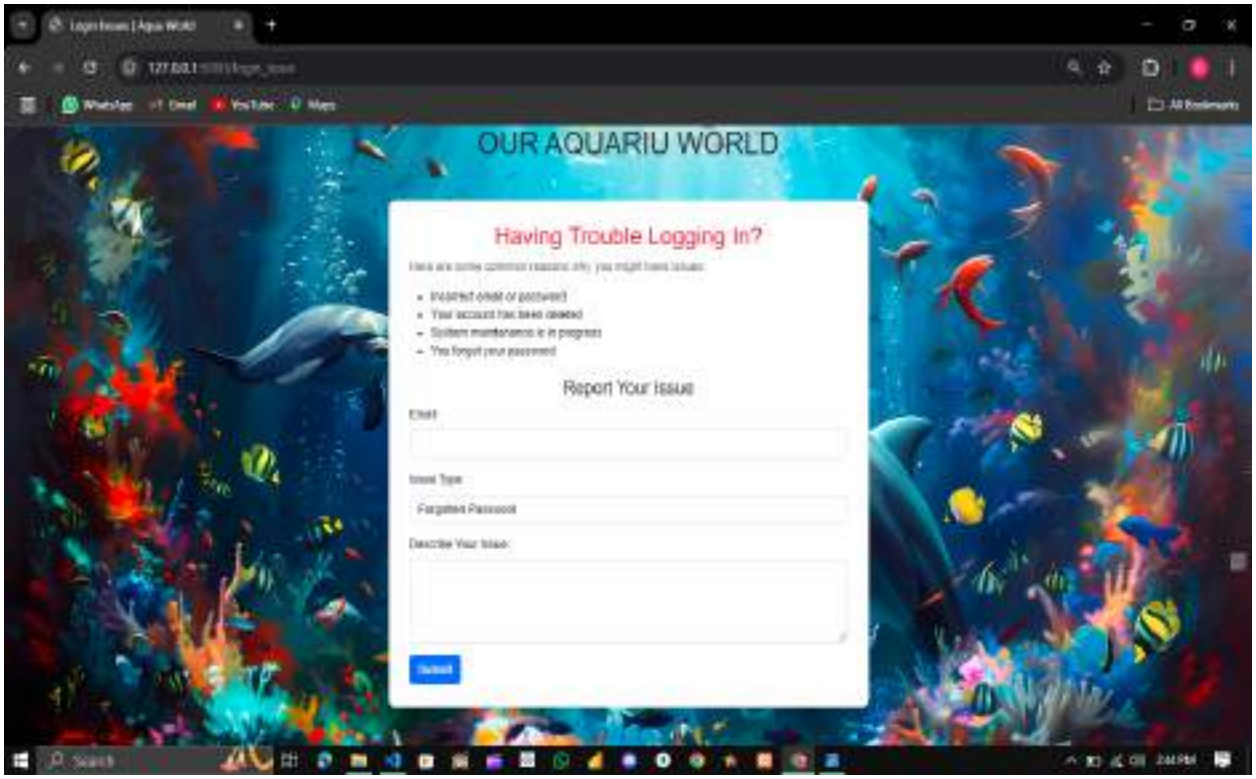


SignUp Page

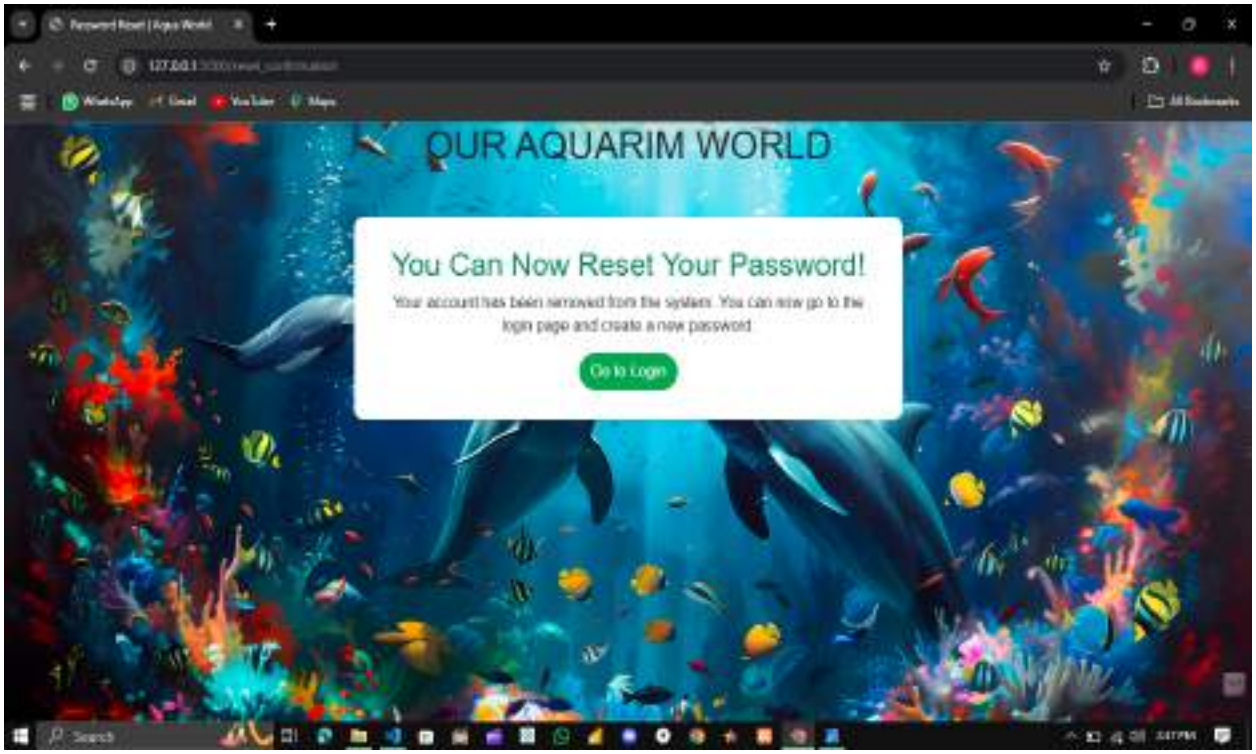
Signup Success page



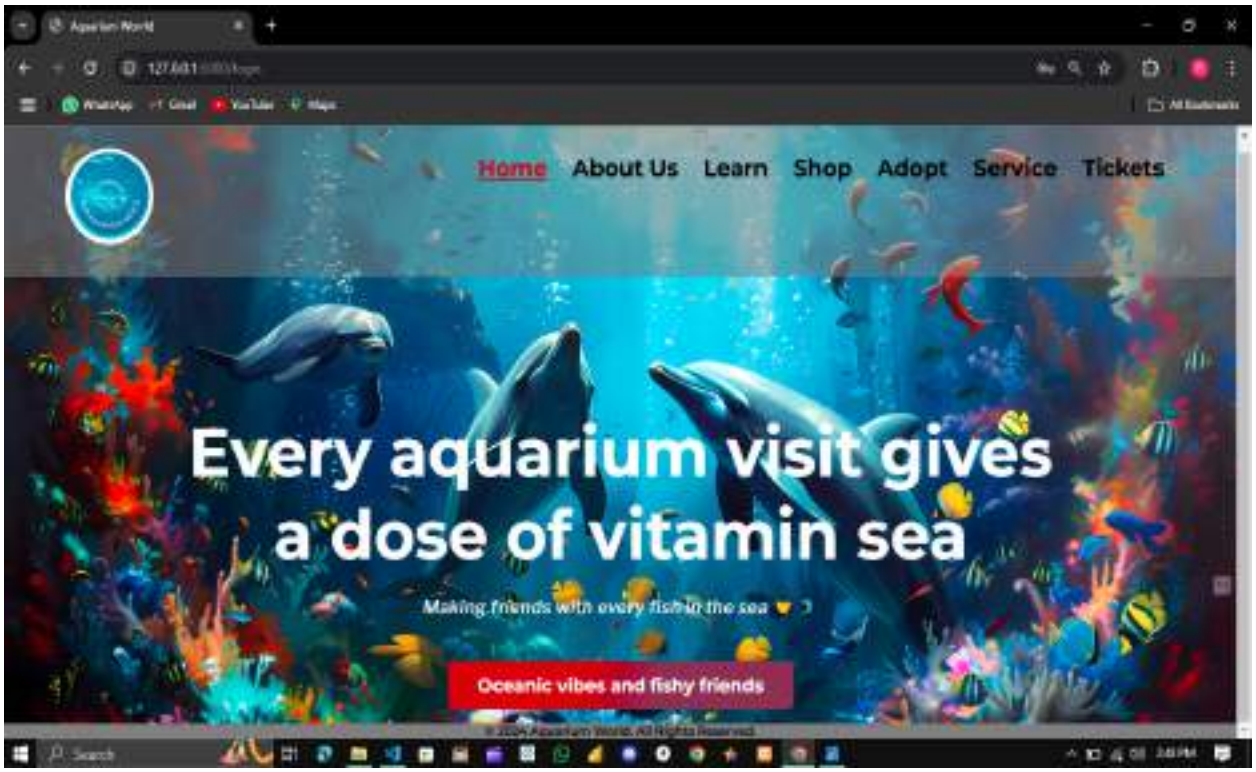
Report an issue in Login / Forgot Password



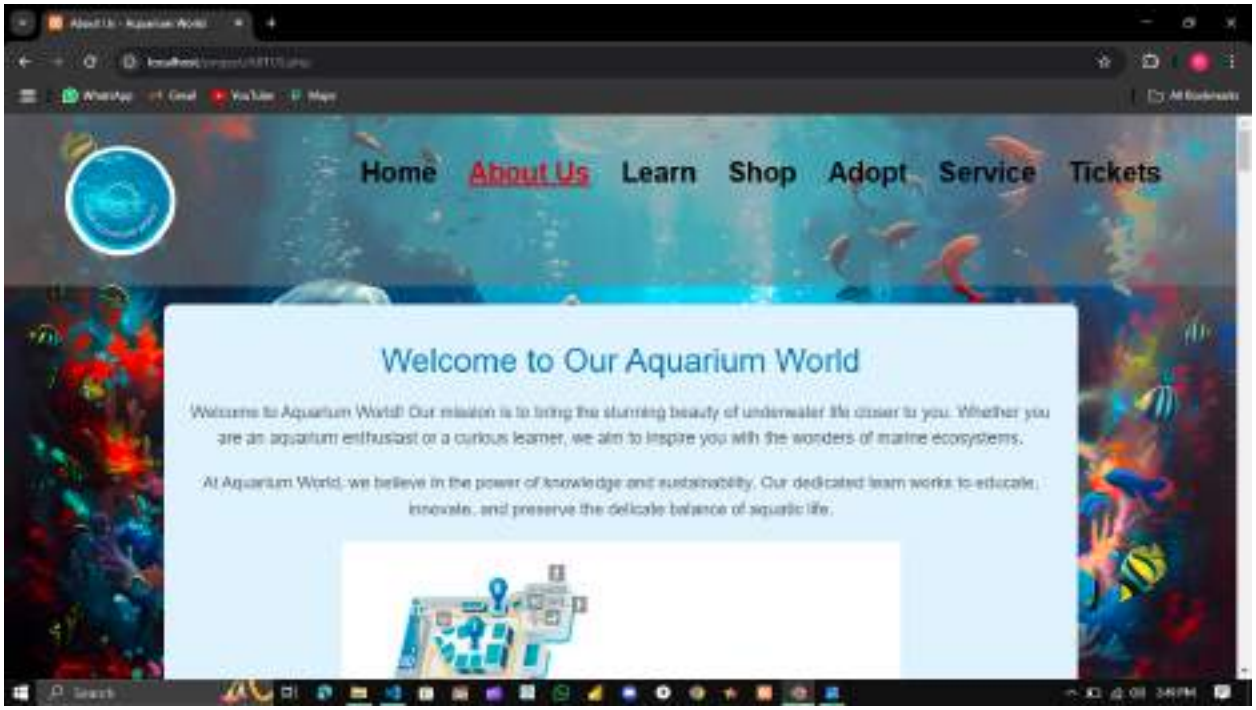
Password Reset Successful



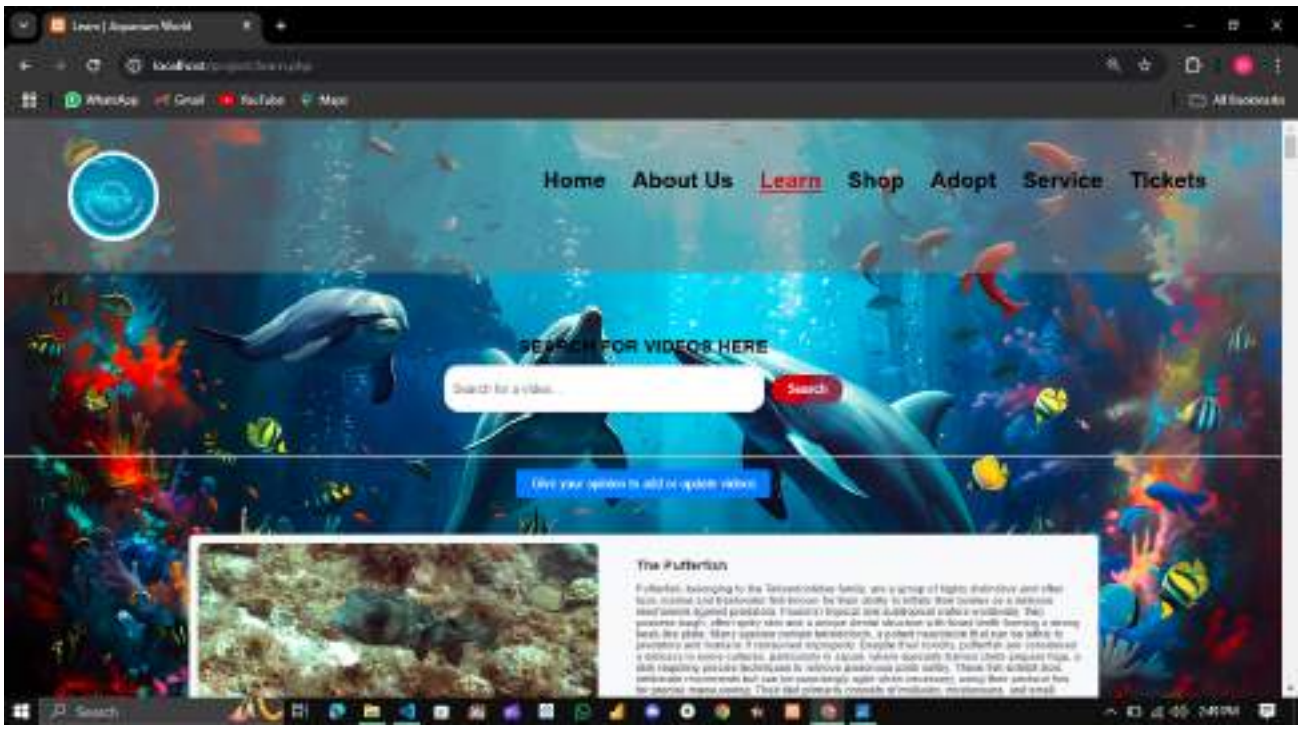
Home page



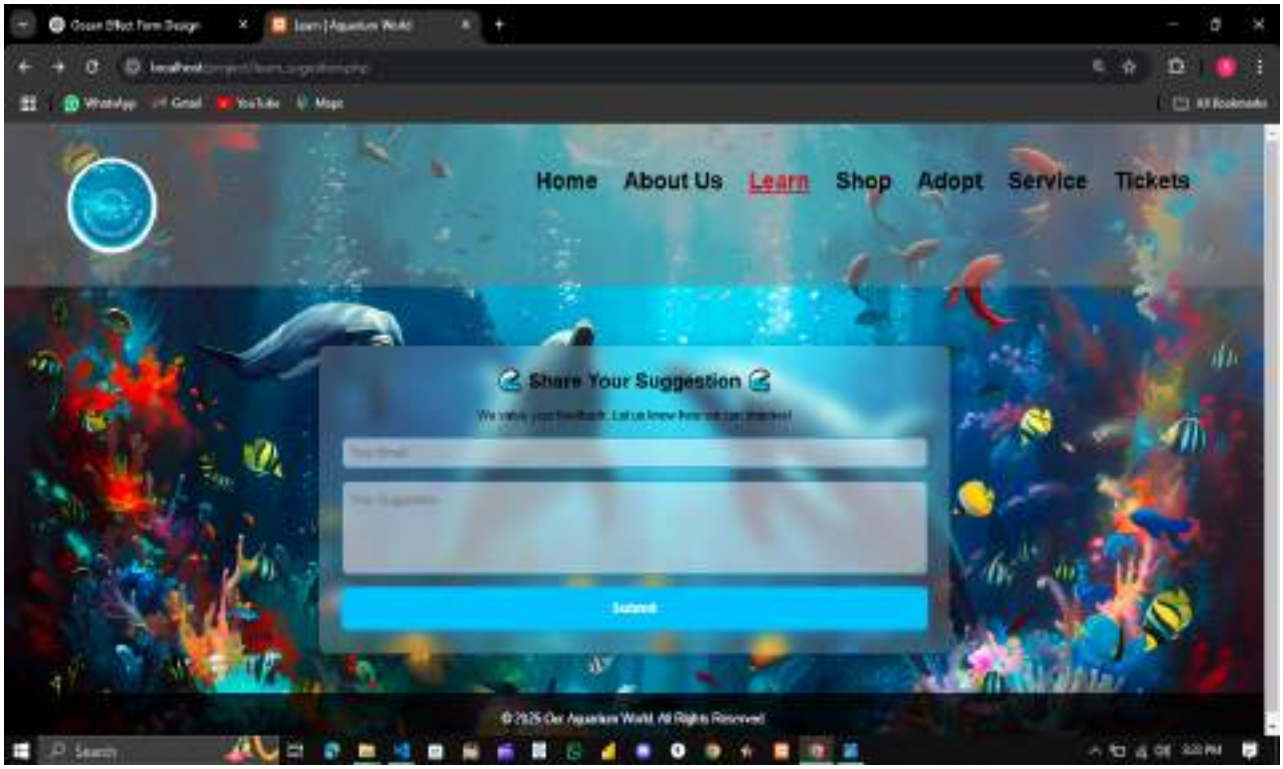
Abouts us Page

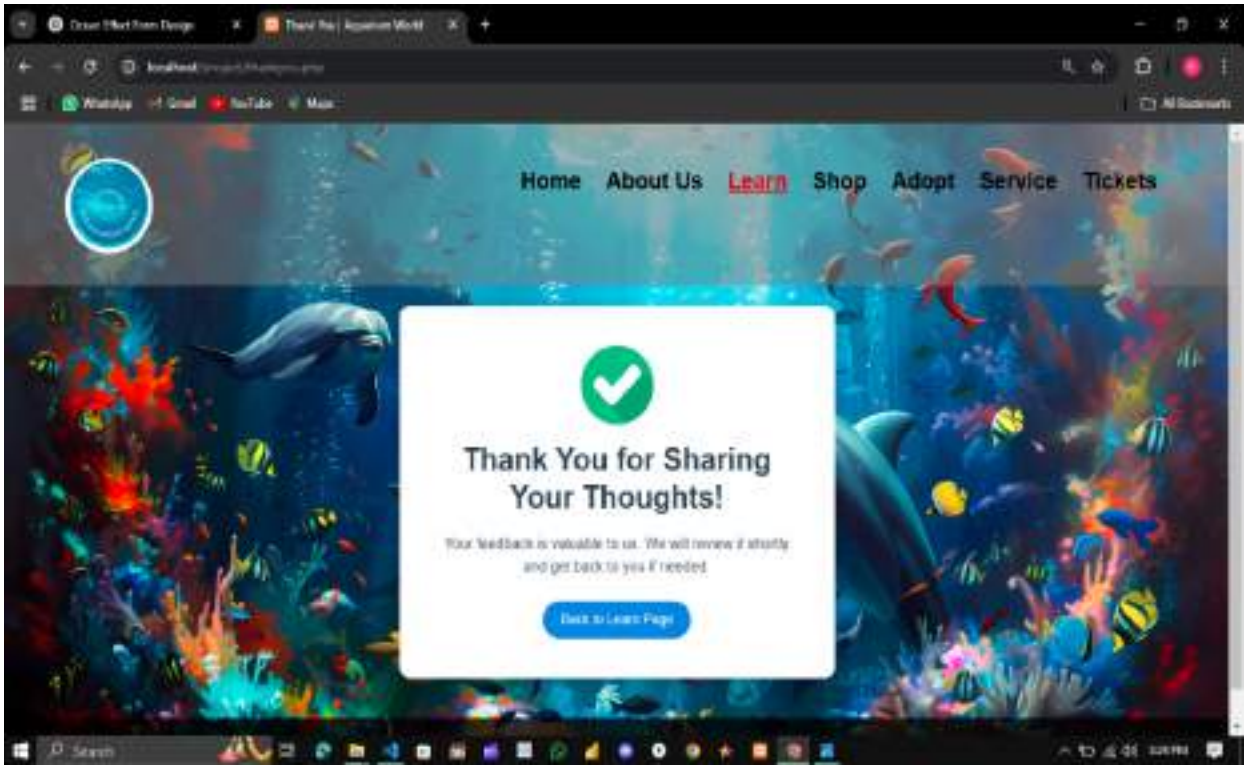

Home
About Us
Learn
Shop
Adopt
Service
Tickets
Welcome to Our Aquarium World
Welcome to Aquarium World! Our mission is to bring the stunning beauty of underwater life closer to you. Whether you are an aquarium enthusiast or a curious learner, we aim to inspire you with the wonders of marine ecosystems.
At Aquarium World, we believe in the power of knowledge and sustainability. Our dedicated team works to educate, innovate, and preserve the delicate balance of aquatic life.

Learn Page

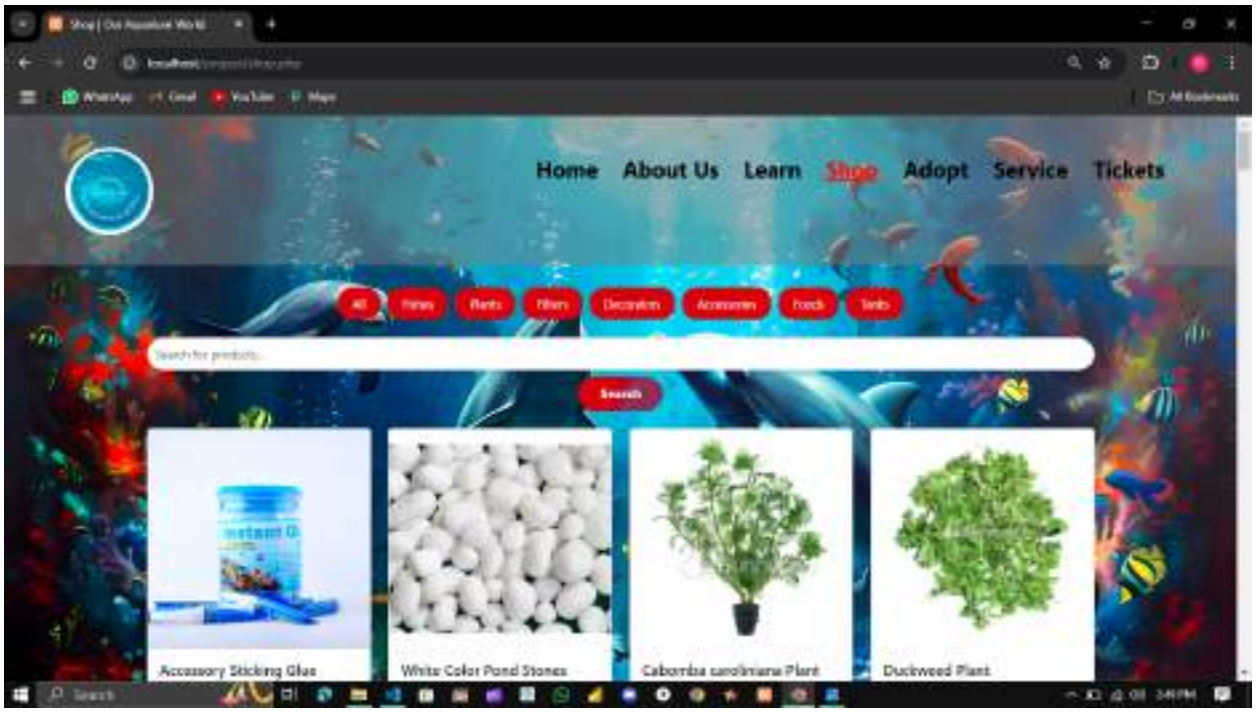

Home
About Us
Learn
Shop
Adopt
Service
Tickets
SEARCH FOR VIDEOS HERE
Search
The Pufferfish

Learn Suggestion

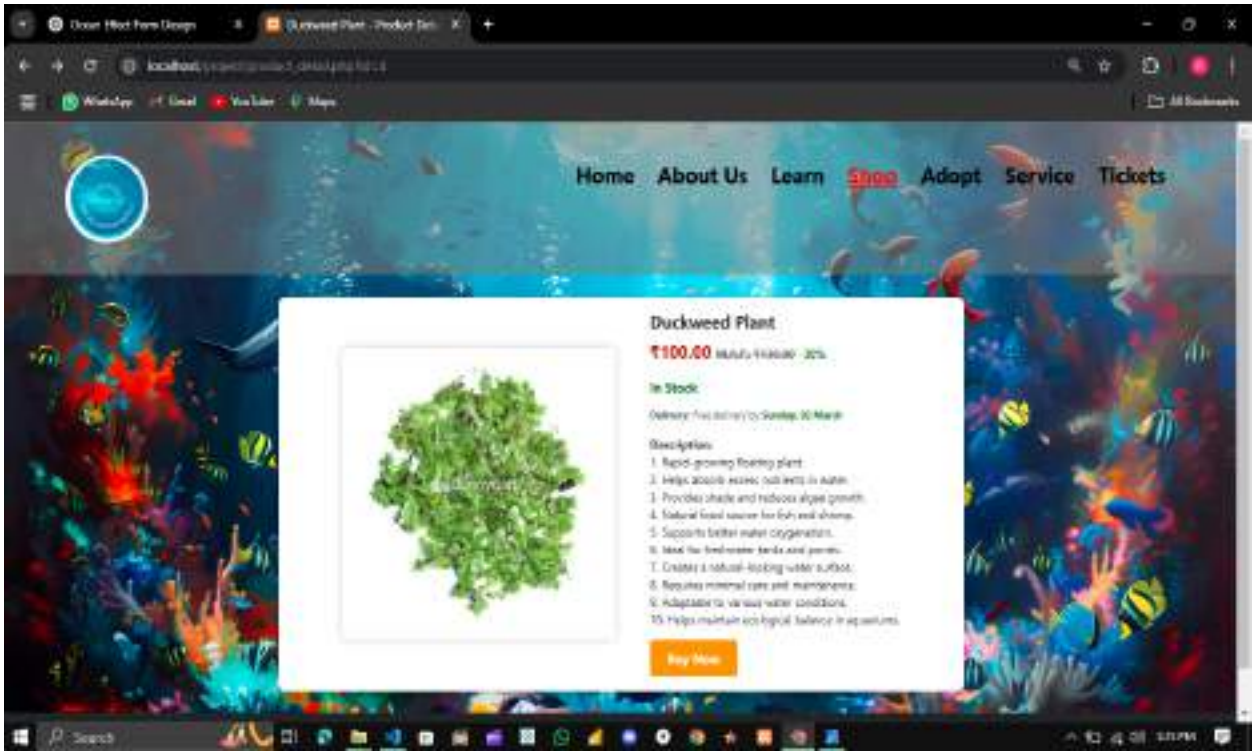




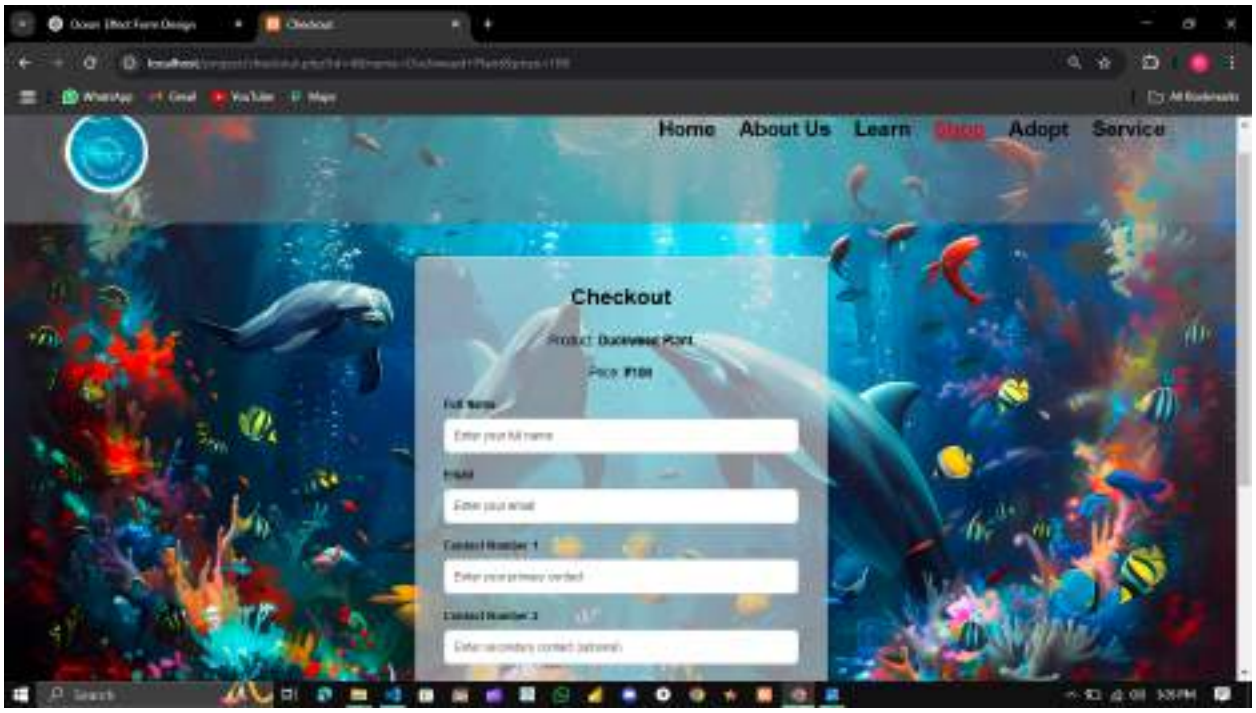
Shop Page



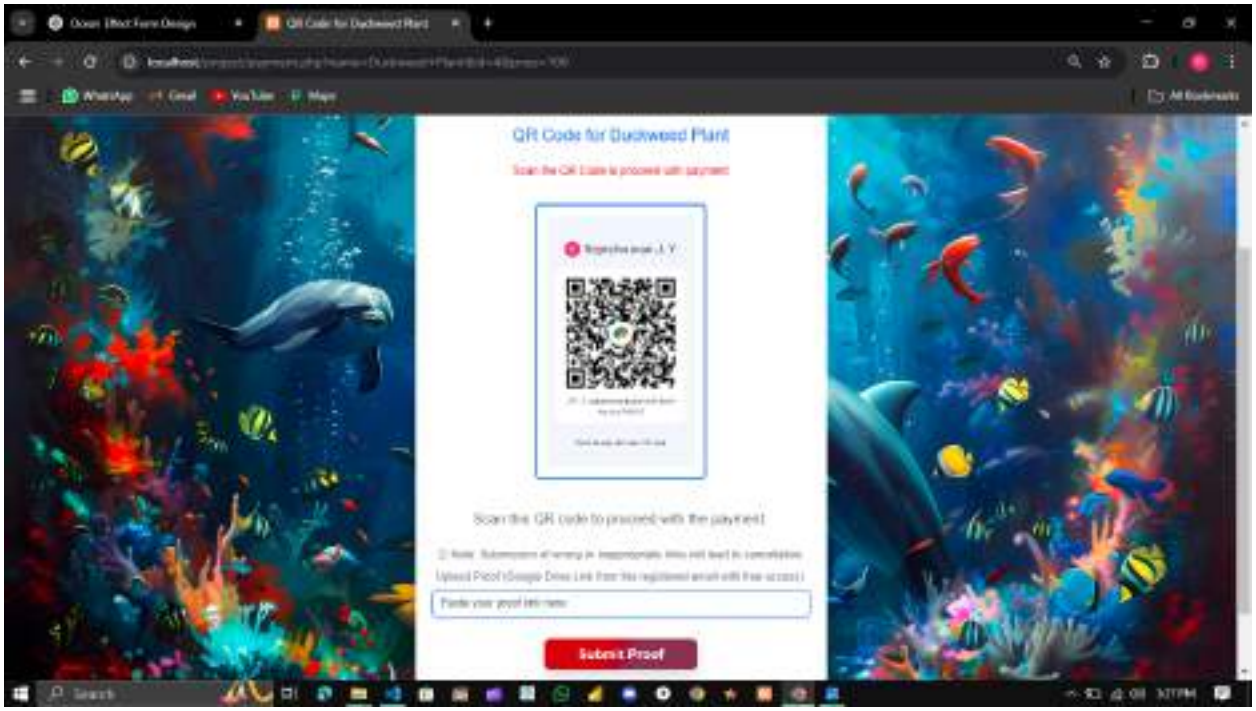
Shop: Product Description Page

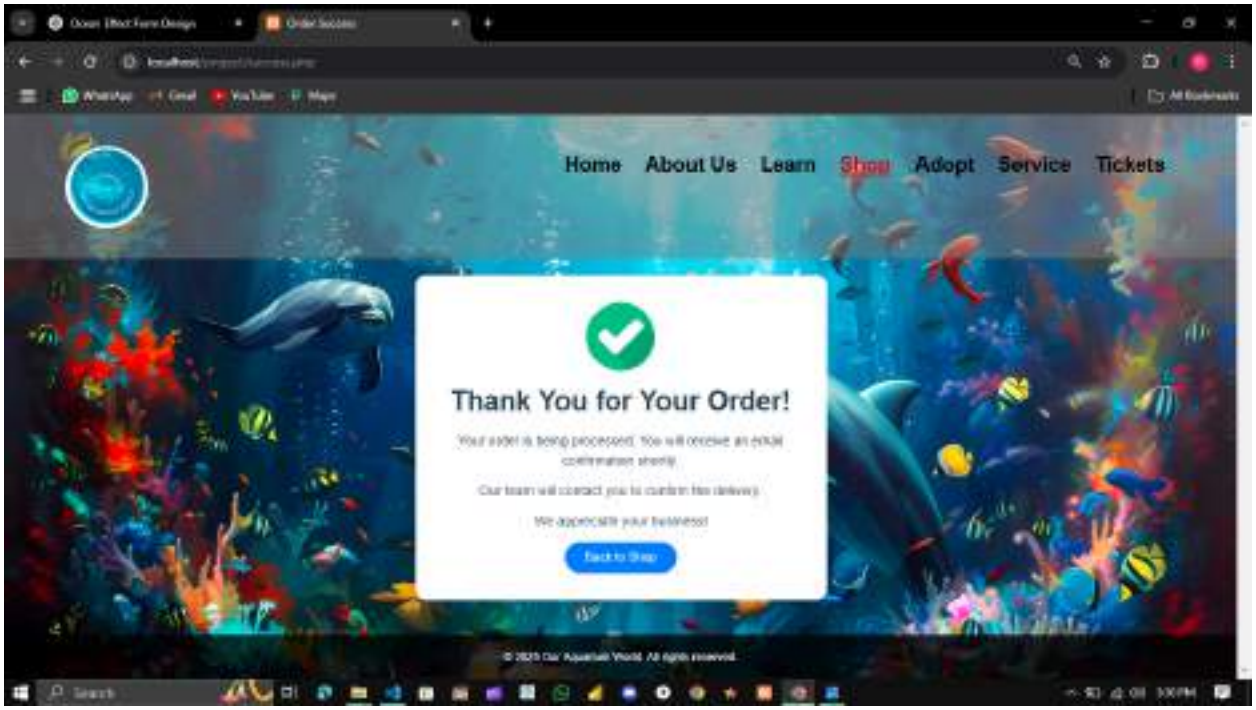


Checkout Page

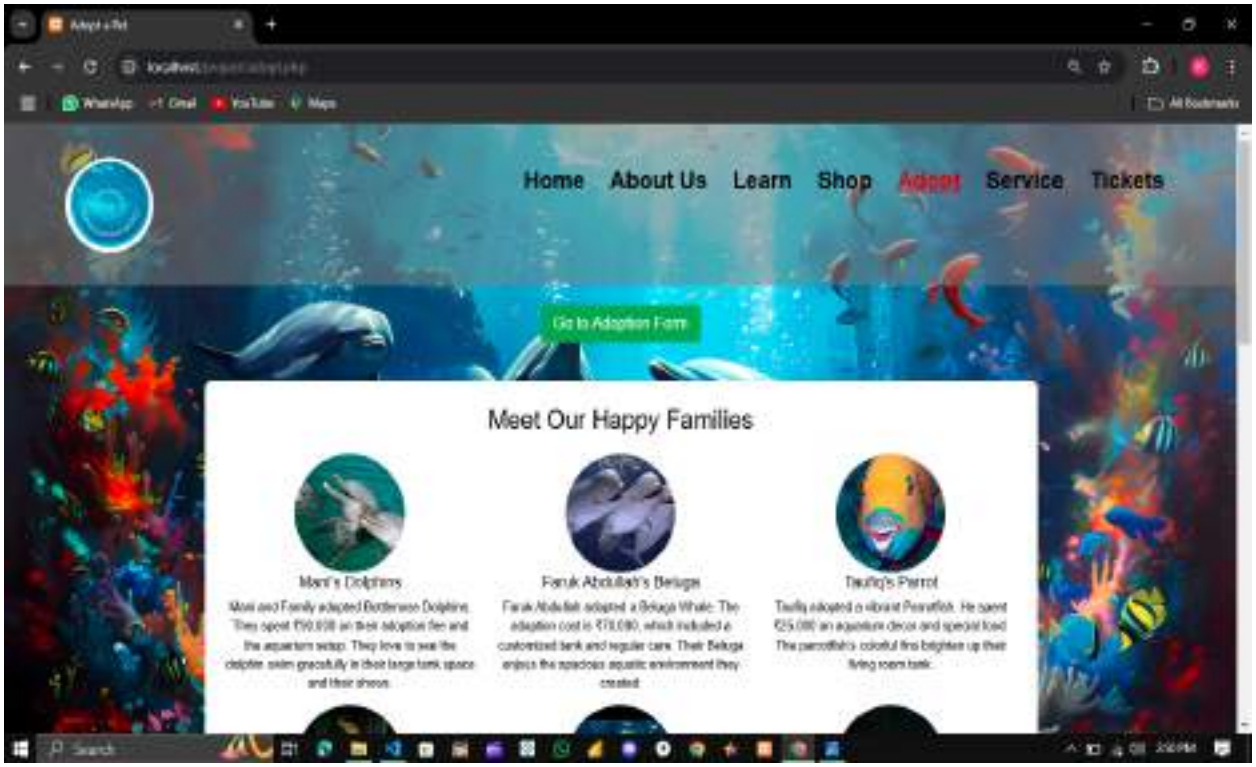


Shop: Payment Page

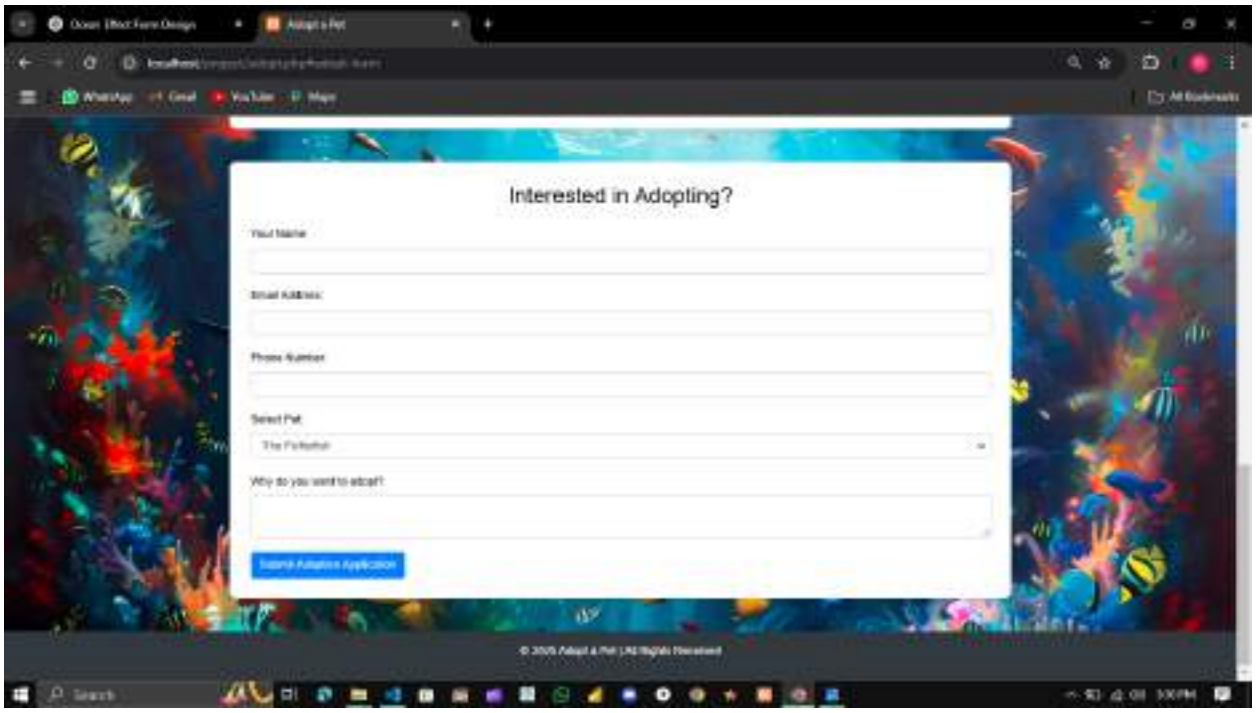


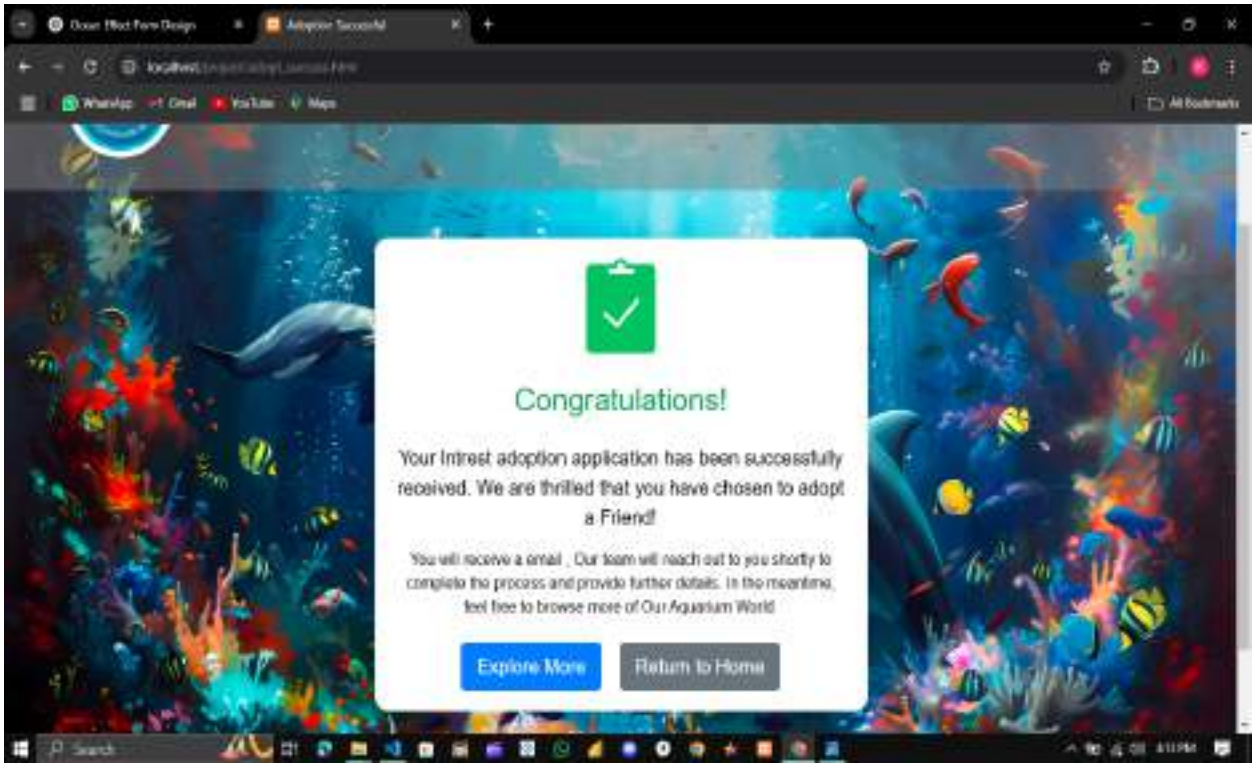

Home
About Us
Learn
Shop
Adopt
Service
Tickets
Thank You for Your Order!

Adopt page


Home
About Us
Learn
Shop
Adopt
Service
Tickets
Go to Adoption Form
Meet Our Happy Families

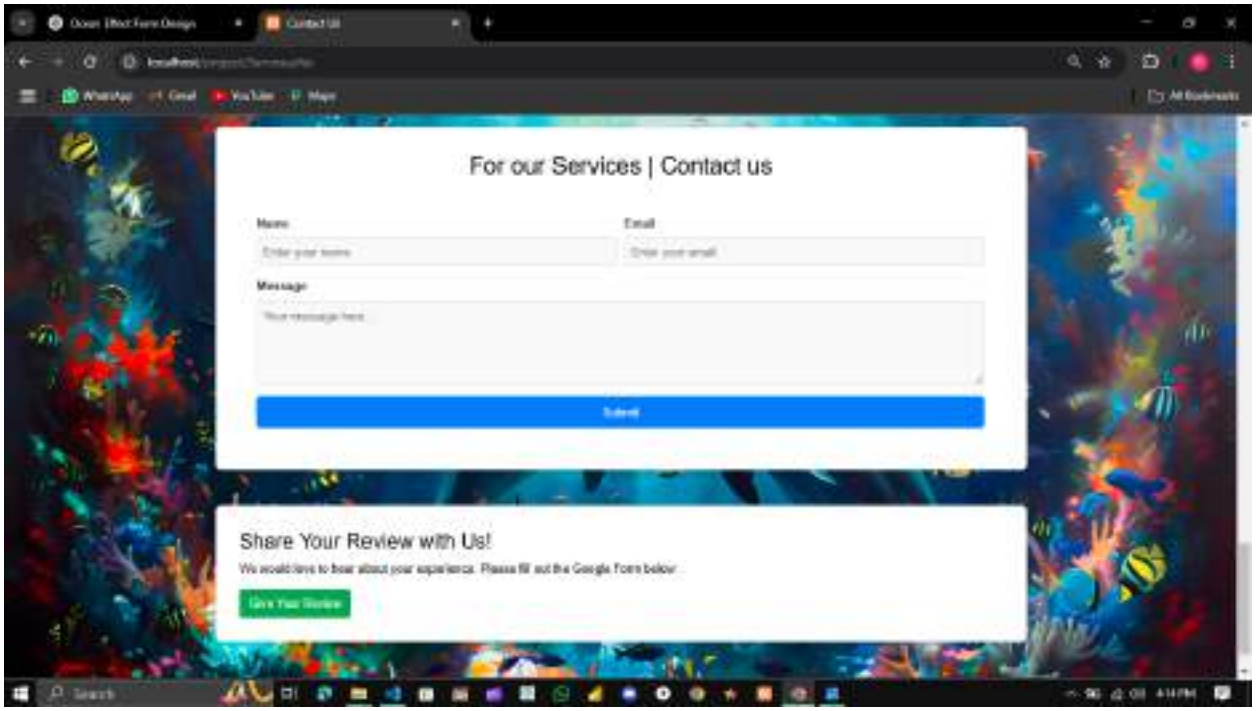
Adoption form Page

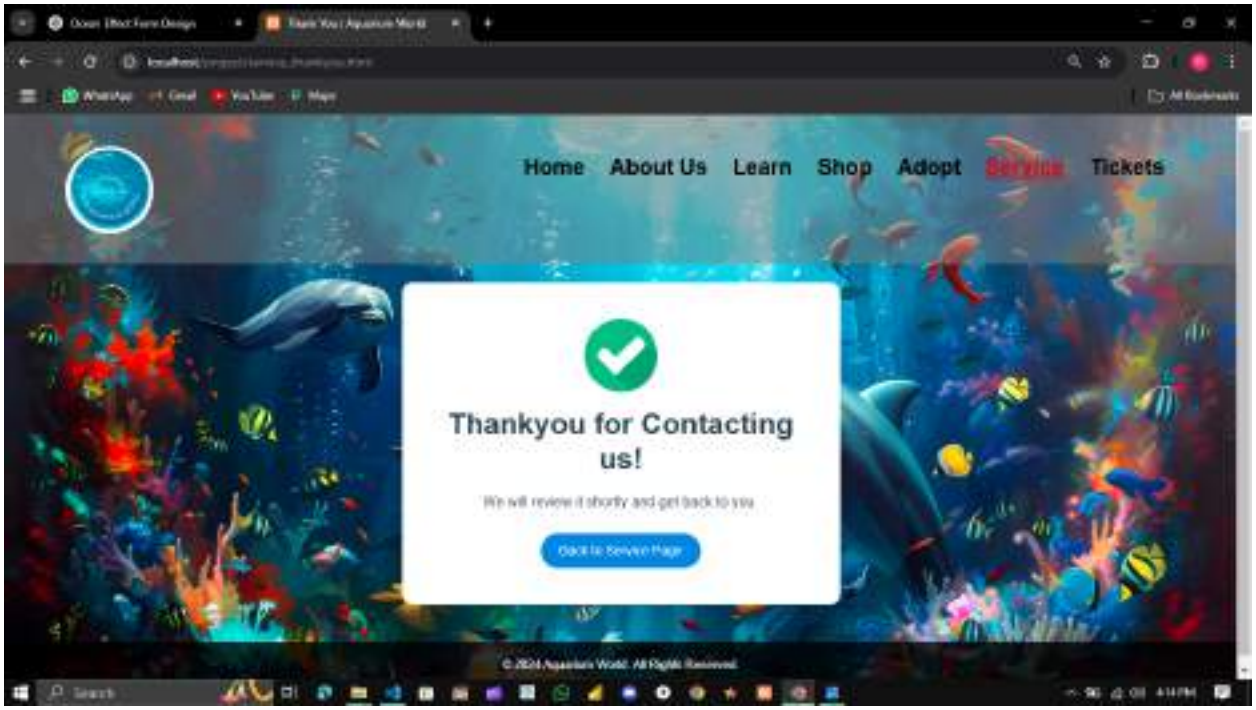




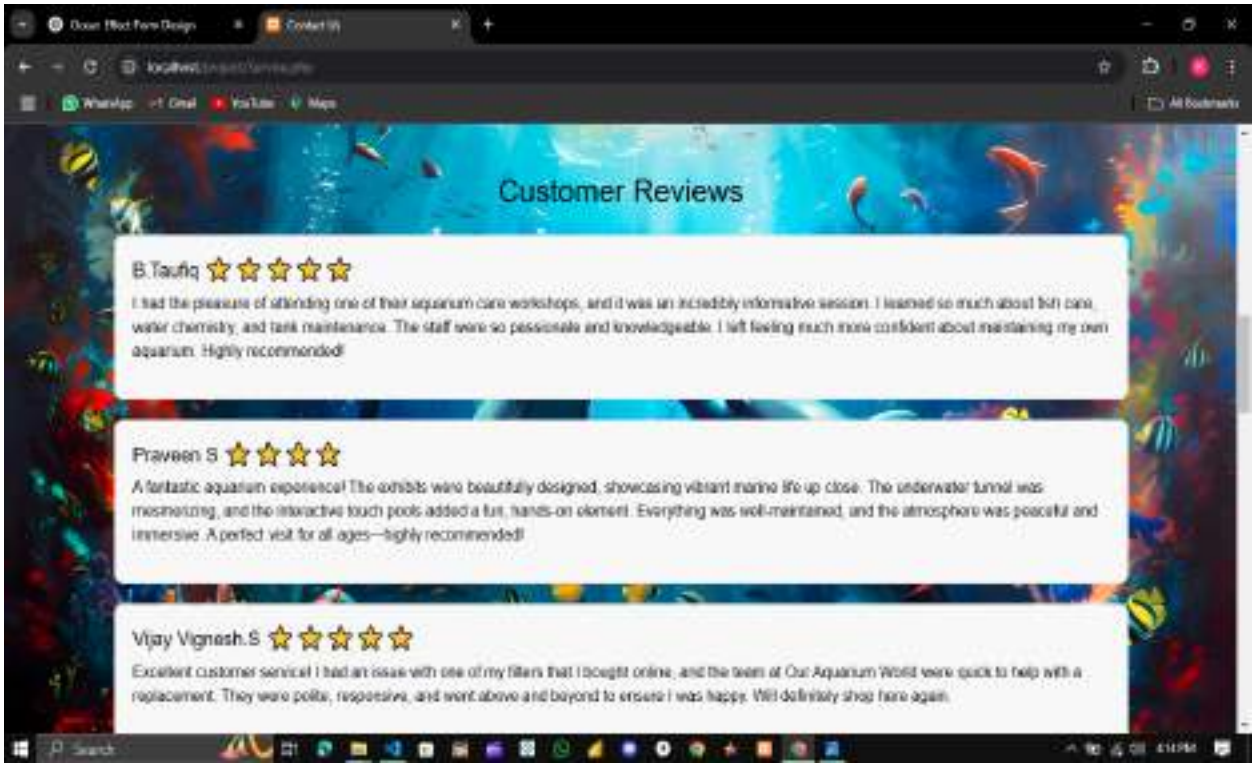
Service page

Service Page: Contact form

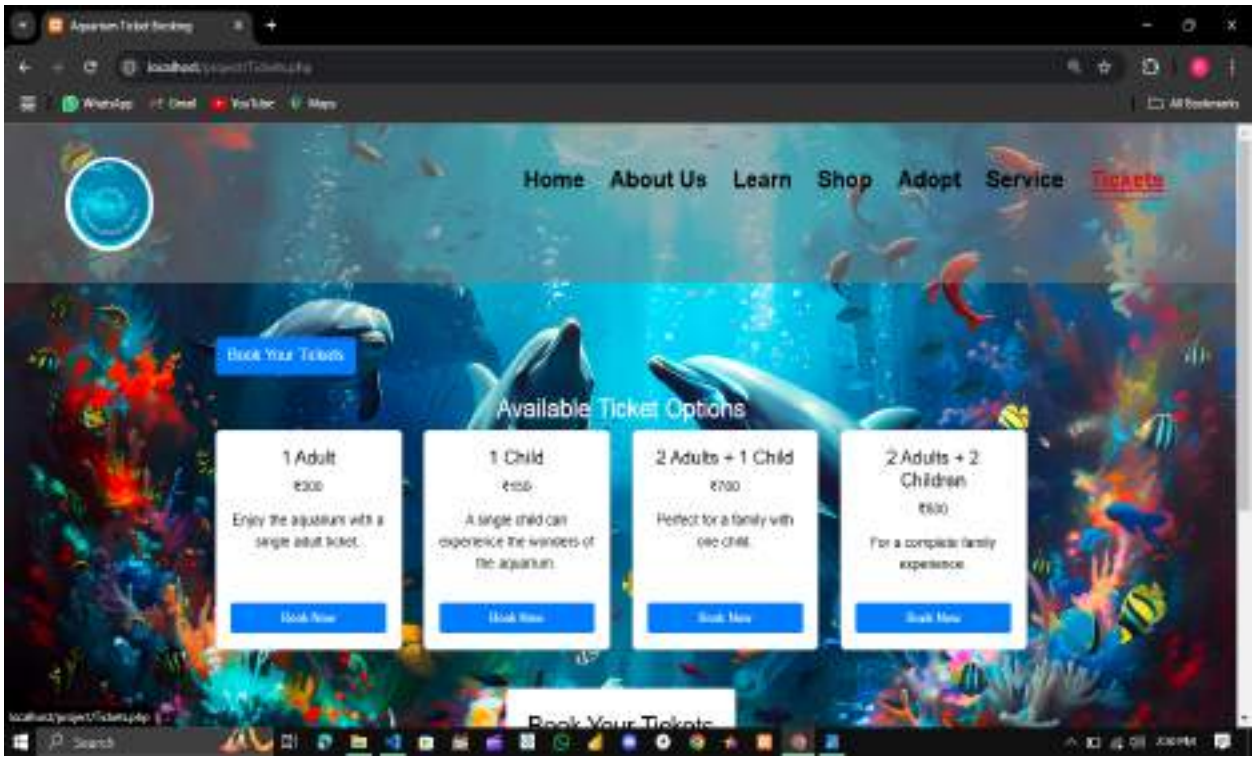




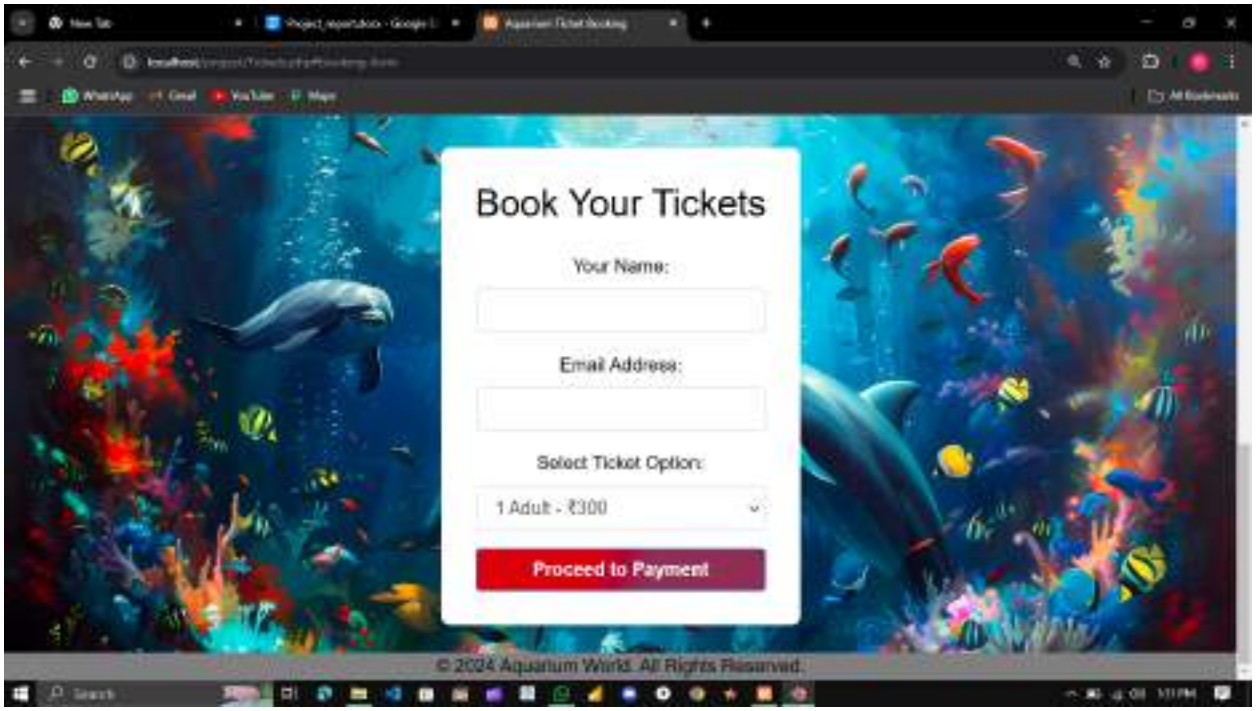
Customer Reviews



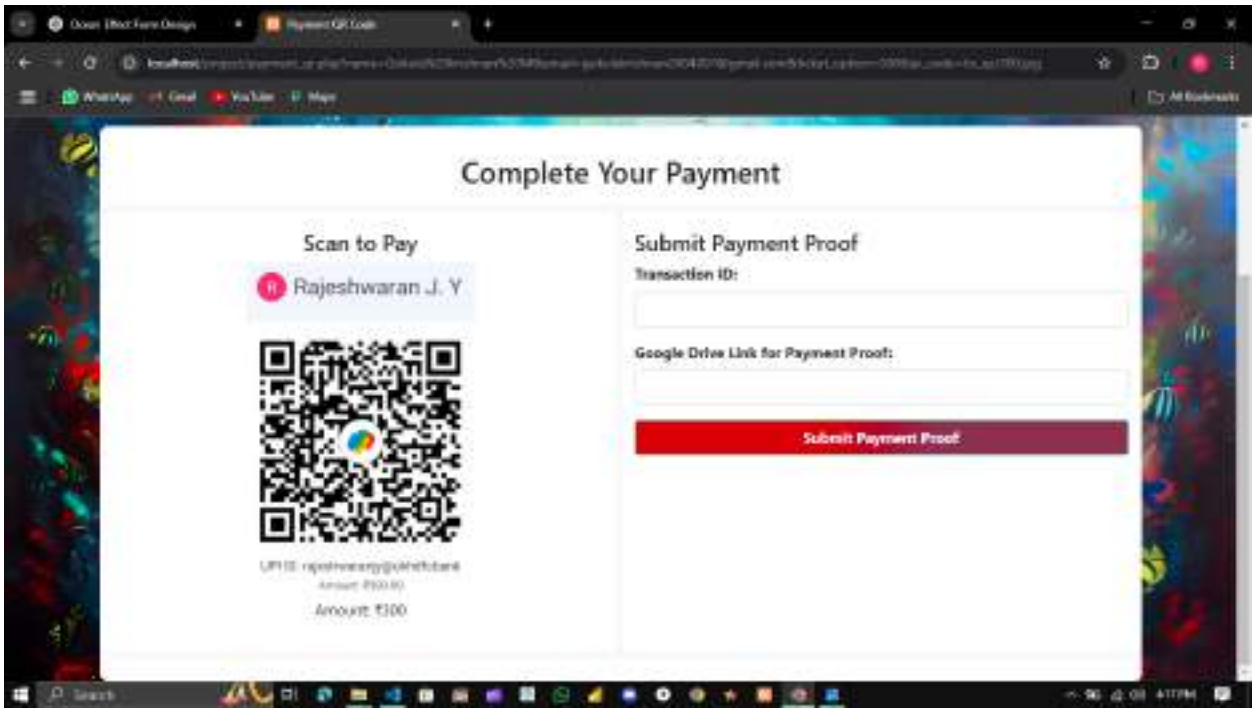
Ticket Booking Page



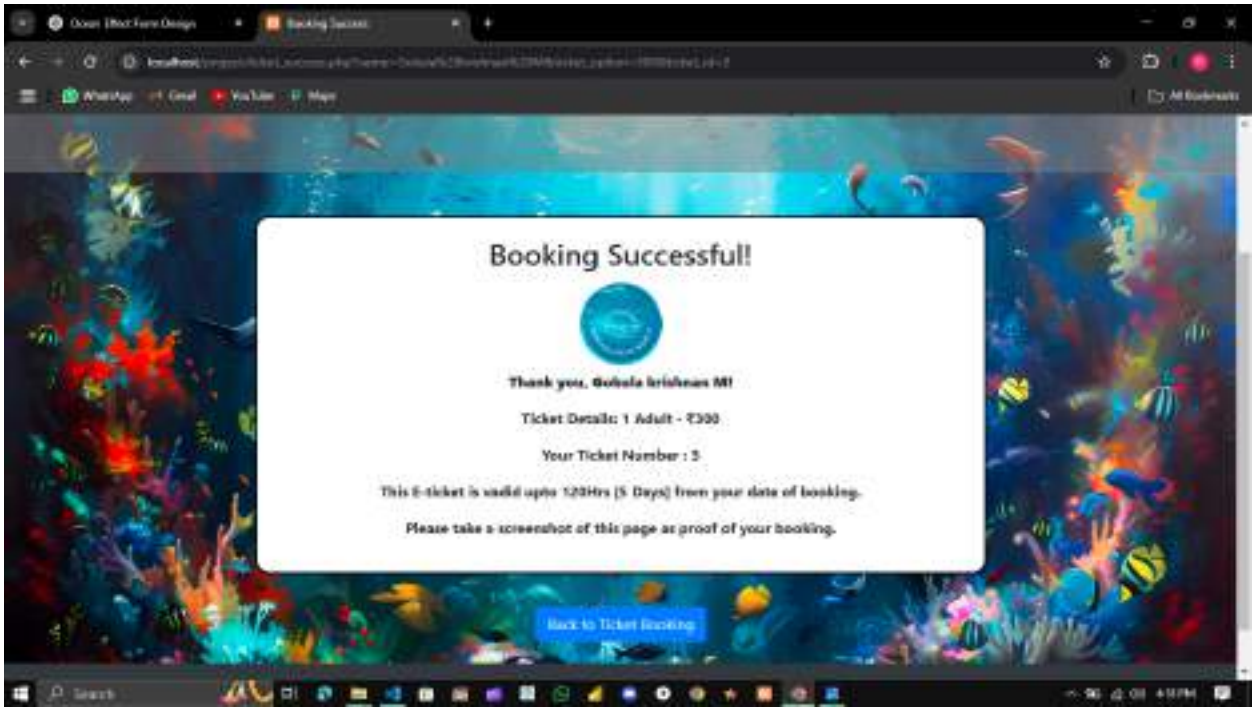
Booking Form



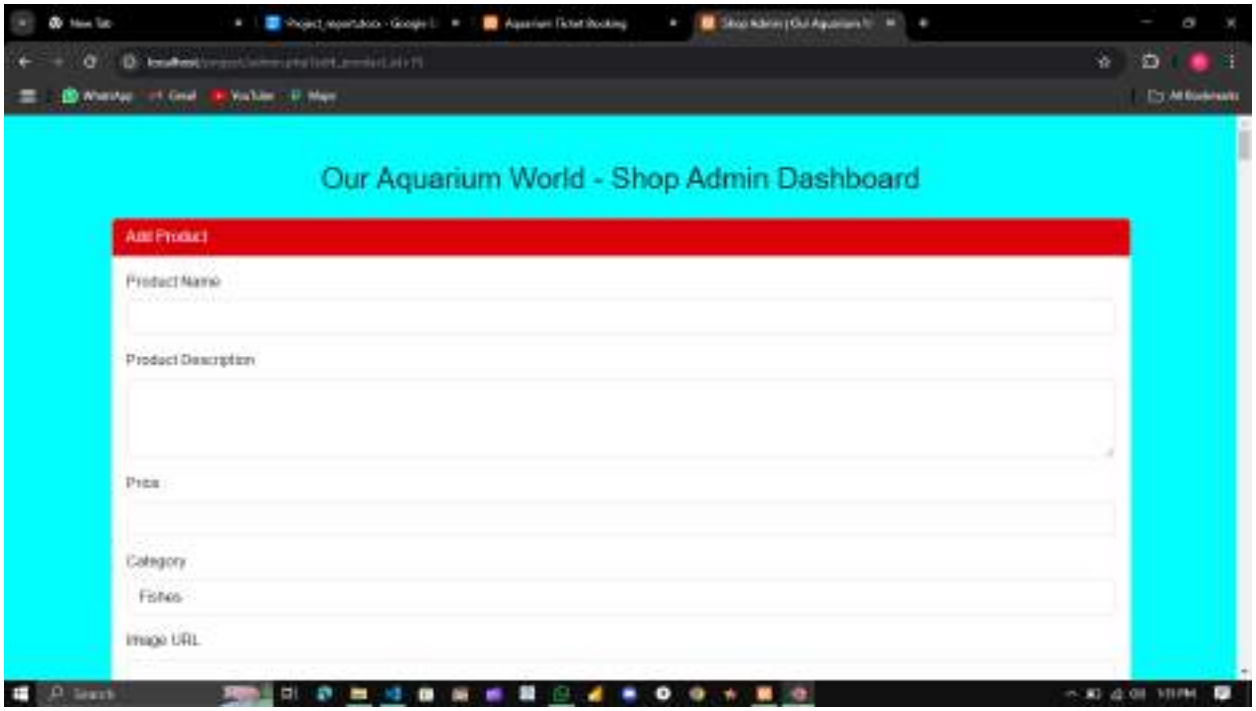
Ticket Payment Page



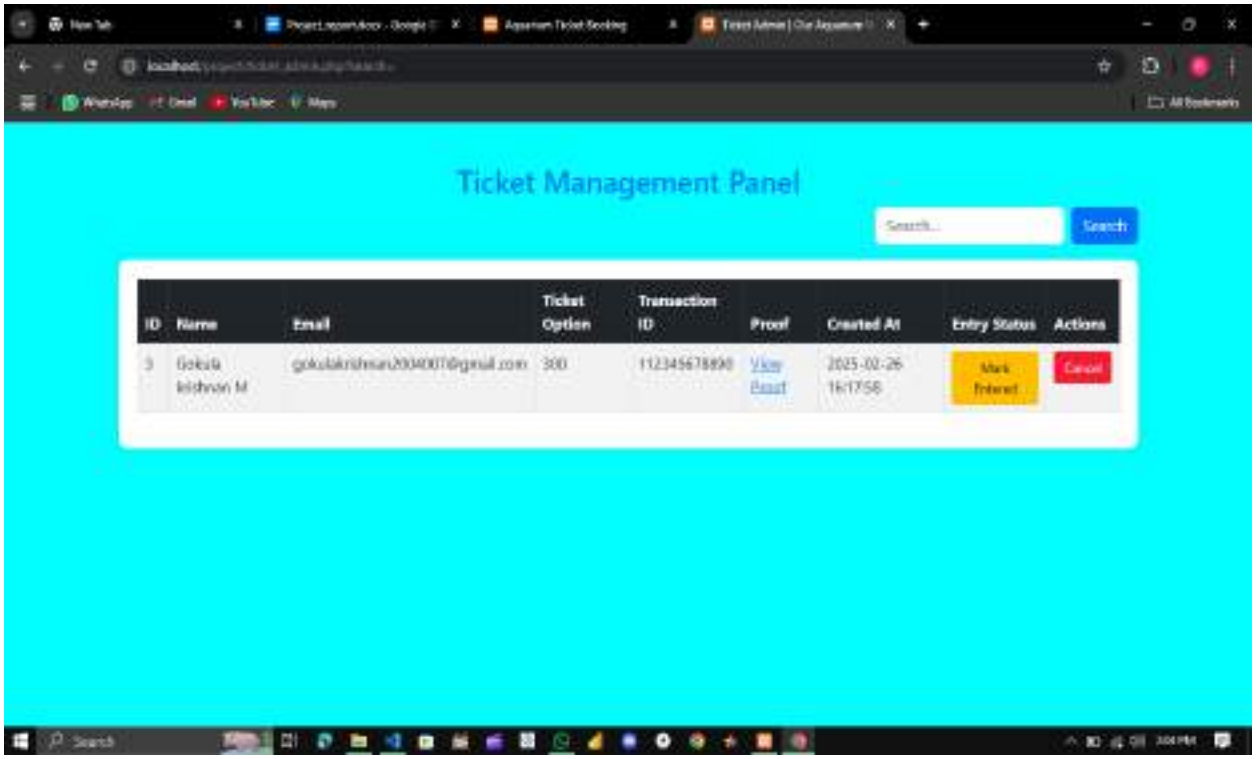
E-Ticket Page



Shop Admin Dashboard

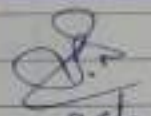


Ticket Admin Dashboard



8.4 Additional Resources

Activity Report

Date	Activity	Guide's Signature
4/02/25	completed learn page	4/2/25
11/2/25	Completed Service page	11/2
21/2/25	Completed Shop page	21/2
27/2/25	completed ticket page	 27/2
3/3/25	Database deleted due to Xampp colapse	3/3
7/3/25	Recovered Database and completed project	7/3

Website for "Our Aquarium World"

Guide : S. Nithya mam

Mini Project Activity Report

Date	Activity	Guide Signature
08/01/25	Downloaded images to use in project	8/1/25
21/01/25	started writing coding	21/1/25
24/01/25	Created database for login page using MongoDB and SQL for others	24/1/25
27/01/25	Completed login, Home and aboutus pages.	27/1/25
30/01/25	downloaded videos to use in project	30/1/25

8.5 Benefits

1. **User-Friendly Interface:**
    - The responsive design built with **Bootstrap** ensures a smooth experience across devices (desktop, tablet, and mobile).
2. **Comprehensive Features:**
    - Users can explore aquarium-related products, adopt fish, book services, and purchase tickets—all from a single platform.
3. **Efficient User Authentication:**
    - Secure login and signup using **Flask** and **MongoDB**, ensuring user data protection while allowing personalized access.
4. **Dynamic User Experience:**
    - Implementation of **AJAX** enhances the user experience by enabling real-time updates without page reloads (e.g., adding products to the cart).
5. **Easy Administration:**
    - Dedicated admin pages allow seamless management of the shop and ticketing system, simplifying backend operations.
6. **Scalability:**
    - The modular design allows future expansion (e.g., adding more services, products, or advanced user features).

8.6 Limitations

1. **Security Concerns:**
    - While user authentication is implemented, advanced security measures like **OAuth**, **SSL/TLS encryption**, and **payment gateway integration** are not yet in place.
2. **No Real-Time Communication:**
    - Features like real-time chat support or live fish tank feeds are absent, which could enhance user engagement.
3. **Limited Personalization:**
    - Despite user login, the system offers identical features to all users without personalized recommendations or preferences.
4. **Basic Service Booking:**

- The service booking system lacks a dynamic calendar or time-slot selection, limiting flexibility for users and the admin.

5. **Scalability of Databases:**
    - The system currently relies on **MySQL** for e-commerce features and **MongoDB** for user data. Scaling both databases for high-traffic usage might require optimization.
6. **Dependency on XAMPP:**
    - The project is built and tested on **XAMPP**. Deploying on live servers may need further configuration, especially for production environments.

8.7 Conclusion

The **"Our Aquarium World"** project has successfully created a dynamic, feature-rich platform that caters to both aquarium enthusiasts and organizational needs. By blending educational resources, e-commerce functionality, and user engagement features, the website stands as a versatile hub for the aquarium community.

While the platform meets its current objectives, the proposed future enhancements will further solidify its position, expand user engagement, and offer more advanced capabilities. With ongoing improvements, **"Our Aquarium World"** has the potential to become a leading destination for aquarium lovers globally.

This project serves as a strong foundation for an interactive and resourceful aquarium platform. With future improvements addressing current limitations, **"Our Aquarium World"** has the potential to become a leading platform in the aquarium community.

8.8 References

The following websites, and other resources were consulted during the design and development of the **"Our Aquarium World"** website. These references provided valuable insights, coding techniques, and best practices for implementing both frontend and backend functionalities.

https://www.geeksforgeeks.org/html-tutorial/

https://www.w3schools.com/CSSref/index.php

https://www.php.net/manual/en/

https://aquariumworldlafayette.com/

https://www.youtube.com/@DeepMarineScenes

https://kolathurfishmarket.com/

https://indianaquarium.com/