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CS589- Special Topics: Generative AI & Prompt Engineering

Date: 07/26/2024

Week 11 No code- website in Websim.ai

Github Link:

<https://github.com/19692yq/Create-a-website-using-Websim.git>

Tools:

1. Use Websim.ai to create a website and a testimonial website.
2. Use ChatGPT 4 to optimize and refine prompt
3. Use Google to search online images and related documents, and feed the contents to ChatGPT4.
4. Use Google Slide to create presentation report
5. Use Github to store the project, report, Readme file, and generate project link
6. Include the GitHub link in the Resume.

Process:

A screenshot of a GitHub repository page for 'Create-a-website-using-Websim'. The repository is public and has 1 branch and 0 tags. The README.md file has been updated 14 minutes ago. The repository has 9 commits, 1 watching, and 0 forks. The README file is open.

Create-a-website-using-Websim.ai

Purpose: None-Code AI Real-world application

1. Description:

This website provides a comprehensive and visually engaging platform for anyone interested in marine biology, bird watching, or wildlife conservation. It is designed for educators, students, conservationists, and nature enthusiasts who want to learn about the beauty and importance of oceanic wildlife. The website offers detailed information, stunning images, interactive maps, and educational quizzes to enhance the learning experience.

2. Acknowledgments:

<https://medium.com/@thehowto/websim-ai-the-revolutionary-ai-tool-for-instant-website-and-app-prototyping-c73d975731da>
<https://education.nationalgeographic.org/resource/all-about-the-ocean/Environment: Websim.ai>

3. Tech:

1. Use Websim.ai to create a webpage and a testimonial website.
2. Use ChatGPT 4 to optimize and refine the prompt.
3. Use Google to search online images and related documents, and feed the contents to ChatGPT4.
4. Use Goole Slide to create a presentation report
5. Use Github to store the project, report, Readme file, and generate project link
6. Include the GitHub link in the Resume.

4. Procedure:

- Generate a website idea.
- Create an initial prompt to ask ChatGPT4 to act as a professional web designer to generate the prompt template for a website.
- Create a new project in websim.ai using the prompt template created by ChatGPT4.
- Refine and optimize the prompt: provide a few examples to ChatGPT4, reference links, and additional information, and ask ChatGPT4 to change and restructure the website.
- Create a website in Websim.ai and modify the content if necessary.
- Create a testimonial website
- Test the website by create user's testimonials

5. Generate link in Websim. ai:

<https://oceanwonders.com/>
[https://websim.ai/ocean-life/testimonials/submit!\[image\]\(https://github.com/user-attachments/assets/b94bcd5f-2482-46e0-80ae-6092d703ee7d\)](https://websim.ai/ocean-life/testimonials/submit![image](https://github.com/user-attachments/assets/b94bcd5f-2482-46e0-80ae-6092d703ee7d))

6. Print the webpage as a PDF and document the procedures and prompts.

7. Generate report in Google slide

https://docs.google.com/presentation/d/1A4-7ppT-wfwx-UUBxp_Sg0cRPy6XbAovQBQQjht_dNI/edit?usp=sharing

8. Upload a PDF file, and Google slide into Github.

9. Add a Github link to a resume.

Initial Prompt:

I want to create a website in websim.ai. you are a web designer, please help me to write the prompt with the content: 1. the website is about explore the most beautiful but poisoning ocean creatures and birds. 2. the content should include the research and knowledge of the degree of poison 3. add the subset of where are the creature originate from please add pictures from this link:

<https://www.bing.com/images/search?q=most+beautiful+sea+creatures&qpvt=most+beauutiful+sea+creatures&form=IGRE&first=1>

Refine Prompt:

- add ranking
- add a list of beautiful fish in different ocean
- add a list of bird and mammal
- add picture from:
<https://www.bing.com/images/search?q=most+beautiful+sea+creatures&qpvt=most+beauutiful+sea+creatures&form=IGRE&first=1>
<https://www.bing.com/images/search?q=most%20beautiful%20birds&qs=n&form=QBIR&MH=&sp=-1&lq=0&pq=most%20beautiful%20birds&sc=10-20&cvid=89687261F50649379CE87C61864423E1&ghsh=0&ghacc=0&first=1>
<https://www.bing.com/images/search?q=most%20beautiful%20mammal&qs=SC&form=QBIR&sp=1&lq=0&pq=most%20beautiful%20mammal&sc=10-20&cvid=339091A5E47A42F89749C98D38763454&first=1>
- add store, subscribe, and donate function

Final Prompt:

Website Concept: Explore the Most Beautiful Ocean Fish, Birds, and Mammals

Content Requirements:

Home Page:

- **Header:**
 - Logo
 - Navigation Menu: Home, Fish, Birds, Mammals, Oceans, Poisonous Fish, Store, Blog, Contact
 - Search Bar
 - Subscribe Button
 - Donate Button
- **Hero Section:**
 - Full-screen background image or video showcasing beautiful ocean fish, birds, and mammals
 - Introduction text with a call-to-action button to explore more
- **Featured Sections:**
 - Highlight of the main categories with links (Fish, Birds, Mammals)
 - Featured Blog Posts or Latest News
 - Link to Store with promotional items
- **Footer:**
 - Social Media Links
 - Newsletter Sign-Up Form
 - Quick Links (About, Privacy Policy, Terms of Service)
 - Contact Information

Main Sections:

1. Fish:

- **Overview Page:**
 - Link: /fish/overview
 - Description: Introduction to beautiful ocean fish
 - Featured fish with images, GIFs, and links to detailed profiles
- **Subpages:**
 - **Fish by Ocean:**
 - Pacific Ocean Fish: /fish/pacific
 - Atlantic Ocean Fish: /fish/atlantic
 - Indian Ocean Fish: /fish/indian
 - Southern Ocean Fish: /fish/southern
 - Arctic Ocean Fish: /fish/arctic
 - Interactive maps showing the distribution of fish species in each ocean
 - **Individual Fish Profiles:**

- Link: /fish/profiles
- Description: Detailed information on size, lifespan, weight, habits, origin, habitat, high-quality images, GIFs, and videos, fun facts, and conservation status
- Examples:
 - **Mandarinfish:**
 - Size: Up to 3 inches
 - Lifespan: 10-15 years
 - Weight: Up to 0.02 pounds
 - Habits: Prefers coral reefs, highly territorial
 - Origin: Pacific Ocean
 - Habitat: Coral reefs
 - [Image](#), [GIF](#)

2. Birds:

- Overview Page:
 - Link: /birds/overview
 - Description: Introduction to beautiful ocean birds
 - Featured birds with images, GIFs, and links to detailed profiles
- Subpages:
 - **Birds by Ocean:**
 - Pacific Ocean Birds: /birds/pacific
 - Atlantic Ocean Birds: /birds/atlantic
 - Indian Ocean Birds: /birds/indian
 - Southern Ocean Birds: /birds/southern
 - Arctic Ocean Birds: /birds/arctic
 - Interactive maps showing the distribution of bird species in each ocean
 - **Individual Bird Profiles:**
 - Link: /birds/profiles
 - Description: Detailed information on size, lifespan, weight, habits, origin, habitat, high-quality images, GIFs, and videos, fun facts, and conservation status
 - Examples:
 - **Atlantic Puffin:**
 - Size: Up to 12 inches
 - Lifespan: 20-30 years
 - Weight: Up to 1.5 pounds
 - Habits: Nest in cliffs, excellent swimmers
 - Origin: Atlantic Ocean
 - Habitat: Coastal cliffs
 - [Image](#), [GIF](#)

3. Mammals:

- Overview Page:
 - Link: /mammals/overview
 - Description: Introduction to beautiful ocean mammals
 - Featured mammals with images, GIFs, and links to detailed profiles

- **Subpages:**
 - **Mammals by Ocean:**
 - Pacific Ocean Mammals: /mammals/pacific
 - Atlantic Ocean Mammals: /mammals/atlantic
 - Indian Ocean Mammals: /mammals/indian
 - Southern Ocean Mammals: /mammals/southern
 - Arctic Ocean Mammals: /mammals/arctic
 - Interactive maps showing the distribution of mammal species in each ocean
 - **Individual Mammal Profiles:**
 - Link: /mammals/profiles
 - Description: Detailed information on size, lifespan, weight, habits, origin, habitat, high-quality images, GIFs, and videos, fun facts, and conservation status
 - **Examples:**
 - **Sea Otter:**
 - Size: Up to 4 feet
 - Lifespan: 10-20 years
 - Weight: Up to 70 pounds
 - Habits: Foraging for food, tool use
 - Origin: Pacific Ocean
 - Habitat: Kelp forests
 - [Image, GIF](#)

4. Oceans:

- **Overview Page:**
 - Link: /oceans/overview
 - Description: Introduction to the world's oceans and their importance
- **Subpages:**
 - **Individual Ocean Pages:**
 - Pacific Ocean: /oceans/pacific
 - Atlantic Ocean: /oceans/atlantic
 - Indian Ocean: /oceans/indian
 - Southern Ocean: /oceans/southern
 - Arctic Ocean: /oceans/arctic
 - Description: Detailed overview of each ocean, unique marine life, conservation efforts, and interactive maps
 - **Examples:**
 - **Pacific Ocean:**
 - Importance: Largest ocean, diverse ecosystems
 - Unique Marine Life: Great Barrier Reef species
 - Conservation Efforts: Coral reef protection
 - Interactive Map: [Link](#)

5. Poisonous Fish:

- **Overview Page:**
 - Link: /poisonous-fish/overview
 - Description: Introduction to the most beautiful but poisonous ocean fish

- **Subpages:**
 - **Individual Poisonous Fish Profiles:**
 - Link: </poisonous-fish/profiles>
 - Description: Detailed information on size, lifespan, weight, habits, toxicity, high-quality images, GIFs, and videos, safety tips, and first aid information
 - **Examples:**
 - **Lionfish:**
 - Size: Up to 15 inches
 - Lifespan: 10-15 years
 - Weight: Up to 3 pounds
 - Habits: Solitary, venomous spines
 - Toxicity: Highly venomous
 - [Image, GIF](#)

6. Quiz:

- **Overview Page:**
 - Link: </quiz/overview>
 - Description: Introduction to quizzes and their purpose (educational, fun)
- **Subpages:**
 - **Quiz Questions:**
 - Link: </quiz/questions>
 - Description: Interactive and fun questions with instant feedback
 - **Sample Questions:**
 1. What is the average lifespan of a Mandarinfish?
 2. Which ocean is the Queen Angelfish commonly found in?
 3. What unique feature does the Pufferfish have for defense?
 4. How long can a Greenland Shark live?
 5. What is the primary diet of a Sea Otter?
 6. In which ocean can you find the Indian Ocean Red-tailed Tropicbird?
 7. What is the size range of the Southern Bluefin Tuna?
 8. What unique characteristic does the Emperor Penguin have?
 9. What is the main habitat of the Arctic Char?
 10. How does the Stonefish camouflage itself?
 11. Which ocean is home to the Blue Tang?
 12. What is the primary diet of the Laysan Albatross?
 13. How long can a Humpback Whale live?
 14. What is the average weight of a Royal Gramma?
 15. In which ocean can you find the Clown Triggerfish?
 16. What is the primary diet of a Narwhal?
 17. What unique feature does the Lionfish have?
 18. What is the size range of the Atlantic Spotted Dolphin?
 19. How does the Tufted Puffin hunt for food?
 20. What is the main habitat of the Northern Wolffish?

Additional Features:

1. **Store:**
 - **Link:** /store
 - **Subpages:**
 - Apparel: /store/apparel
 - Accessories: /store/accessories
 - Educational Materials: /store/educational
 - **Description:** Shop for merchandise related to ocean fish, birds, and mammals.
Find apparel, accessories, and educational materials.
2. **Subscribe:**
 - **Link:** /subscribe
 - **Description:** Encourage visitors to subscribe to a newsletter for updates and exclusive content. Provide benefits for subscribers, such as early access to new content, special offers, and exclusive articles.
3. **Donate:**
 - **Link:** /donate
 - **Description:** Encourage visitors to support marine and avian conservation efforts through donations. Provide information on how donations will be used to protect ocean fish, birds, and mammals. Secure donation process and multiple donation options.

Interactive Features:

1. **Blog:**
 - **Link:** /blog
 - **Subpages:**
 - Latest Research: /blog/research
 - Conservation News: /blog/conservation
 - Articles and Stories: /blog/stories
 - **Description:** Read the latest blog posts on marine biology, conservation efforts, and interesting stories about ocean wildlife.
2. **Chat Box:**
 - **Link:** N/A (Integrated Feature)
 - **Description:** Live chat feature for real-time interaction with visitors. Provide instant support, answer questions, and guide users through the site.
3. **Contact Form:**
 - **Link:** /contact
 - **Description:** Get in touch with us. Use the contact form to send your questions, comments, or inquiries. Follow us on social media for updates.

Footer:

- Social Media Links
- Newsletter Sign-Up Form
- Quick Links (About, Privacy Policy, Terms of Service)

- Contact Information

Database Structure:

Tables:

1. Species (Fish, Birds, Mammals)

- species_id (Primary Key)
- name
- type (Fish/Bird/Mammal)
- size
- lifespan
- weight
- habits
- image_url
- video_url
- origin
- habitat
- toxicity (for Poisonous Fish)
- fun_facts
- created_at
- updated_at

2. Oceans

- ocean_id (Primary Key)
- name
- description
- image_url
- created_at
- updated_at

3. Species_Oceans (Linking Table)

- species_ocean_id (Primary Key)
- species_id (Foreign Key)
- ocean_id (Foreign Key)

4. Blog_Posts

- post_id (Primary Key)
- title
- content
- author
- created_at
- updated_at

5. Products

- product_id (Primary Key)
- name
- description
- price
- image_url
- category
- created_at
- updated_at

6. Users

- user_id (Primary Key)

- o name
- o email
- o password
- o created_at
- o updated_at

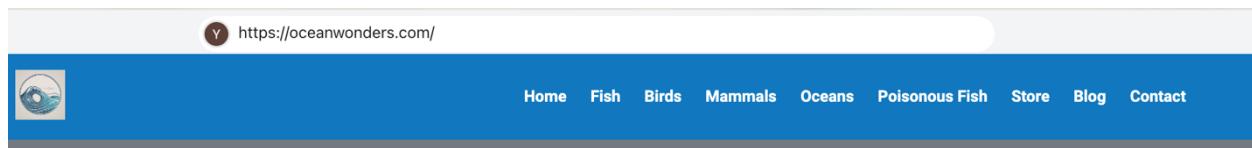
7. Donations

- o donation_id (Primary Key)
- o user_id (Foreign Key)
- o amount
- o created_at

8. Subscriptions

- o subscription_id (Primary Key)
- o user_id (Foreign Key)
- o created_at

➔ Ocean Wonders website



➔

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Discover the Wonders of the Ocean

Embark on a journey through the deepest depths and explore the fascinating world of marine life.

[Start Exploring](#)

© Colorful Tropical Fish

Vibrant Fish Species

Explore the diverse world of fish, from tiny reef dwellers to massive ocean predators.

© Coral reef ecosystem

Coral Reef Ecosystems

Dive into the intricate and colorful world of coral reefs, home to countless marine species.

© Marine conservation effort

Ocean Conservation

Learn about efforts to protect our oceans and the creatures that call them home.

Ocean Fact of the Day

The ocean covers more than 70% of the Earth's surface.

Ocean Wonders Gallery



Home Fish Birds Mammals Oceans Poisonous Fish Store Blog Contact

Start Exploring



Beautiful Ocean Fish

Discover the vibrant world of marine fish species.

[Explore Fish.](#)



Majestic Sea Birds

Learn about the incredible birds that call the ocean home.

[Explore Birds.](#)



Fascinating Marine Mammals

Meet the intelligent and captivating mammals of the sea.

[Explore Mammals.](#)

Latest Blog Posts



The Importance of Coral Reefs

Discover why coral reefs are crucial for ocean ecosystems and how we can protect them.

[Read More](#)



Combating Ocean Pollution

Learn about the impact of pollution on marine life and what you can do to help.

[Read More](#)



The Great Whale Migration

Explore the incredible journeys of whales across



Discover the Incredible World of Ocean Fish

Welcome to our fish overview page! The oceans are home to an astonishing variety of fish species, each with its own unique adaptations, behaviors, and beauty. From the vibrant coral reef dwellers to the mysterious deep-sea creatures, we invite you to explore the fascinating world of marine fish.



Clownfish

Known for their vibrant orange color and symbiotic relationship with sea anemones.

[Learn More](#)



Blue Tang

Bright blue fish with yellow fins, made famous by the movie Finding Nemo.

[Learn More](#)



Moorish Idol

Recognizable by its long, sickle-shaped dorsal fin and black, white, and yellow coloration.

[Learn More](#)



Lionfish

Beautiful but venomous fish with distinctive red and white stripes and fan-like fins.

[Learn More](#)



Angelfish

Brightly colored fish with disk-shaped bodies, found in warm tropical waters.

[Learn More](#)



Parrotfish

Known for their unique beak-like mouths and ability to change colors as they mature.

[Learn More](#)

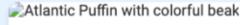
Explore the Majestic World of Sea Birds

Welcome to our sea birds overview page! Sea birds are an integral part of marine ecosystems, spending much of their lives soaring over vast oceans, diving for fish, and nesting on remote coastlines. These remarkable creatures have evolved unique adaptations to thrive in challenging marine environments. Join us as we explore the fascinating world of sea birds and their crucial role in ocean life.



Wandering Albatross

Known for having the largest wingspan of any living bird, capable of gliding for hours without flapping their wings.

[Learn More](#)

Atlantic Puffin

Nicknamed "sea parrots" due to their colorful beaks, these charming birds are excellent swimmers and divers.

[Learn More](#)

Magnificent Frigate Bird

Known for their impressive aerial skills and the males' bright red throat pouch used in courtship displays.

[Learn More](#)

Brown Pelican

Famous for their large throat pouches and spectacular diving abilities, plunging from great heights to catch fish.

[Learn More](#)

Northern Gannet

Remarkable for their high-speed vertical dives from great heights to catch fish beneath the ocean surface.

[Learn More](#)

Emperor Penguin

The largest of all penguins, adapted to survive extreme cold and capable of diving to great depths.

[Learn More](#)



Discover the Fascinating World of Marine Mammals

Welcome to our marine mammals overview page! Marine mammals are a diverse group of warm-blooded animals that have adapted to life in the ocean. From the enormous blue whale to the playful sea otter, these creatures captivate our imagination with their intelligence, social behaviors, and remarkable adaptations. Join us as we explore the incredible world of marine mammals and their vital role in ocean ecosystems.



Humpback Whale

Known for their haunting songs and acrobatic breaches, these gentle giants migrate vast distances each year.

[Learn More](#)



Bottlenose Dolphin

Highly intelligent and social, these playful mammals are known for their complex communication and problem-solving skills.

[Learn More](#)



Sea Otter

Adorable and charismatic, sea otters play a crucial role in maintaining kelp forest ecosystems.

[Learn More](#)



Orca (Killer Whale)

Apex predators with complex social structures, orcas are known for their distinctive black and white coloration.

[Learn More](#)



Manatee

Gentle herbivores often called "sea cows," manatees are known for their peaceful nature and vulnerability to boat strikes.

[Learn More](#)



Elephant Seal

Named for their trunk-like noses, these massive seals are excellent divers and can stay submerged for long periods.

[Learn More](#)



Discover the World's Most Poisonous Fish

Welcome to our poisonous fish overview page! While the oceans are home to countless beautiful and fascinating creatures, some fish have evolved potent toxins as a means of defense or predation. These poisonous fish can be extremely dangerous to humans, but they also play important roles in their ecosystems. Join us as we explore some of the most poisonous fish in the world and learn about their unique adaptations.

⚠ Warning

The information provided here is for educational purposes only. Never attempt to handle or consume any poisonous fish. If you encounter these species in the wild, maintain a safe distance and seek professional guidance.



Stonefish

Danger Level: High

The most venomous fish in the world, with potent neurotoxins delivered through its dorsal fin spines.

[Learn More](#)



Pufferfish

Danger Level: High

Contains tetrodotoxin, a powerful neurotoxin. Some species are considered a delicacy when prepared by licensed chefs.

[Learn More](#)



Lionfish

Danger Level: Medium

Beautiful but venomous, with long, striped spines that deliver a painful sting. Invasive in many areas.

[Learn More](#)



Blue-ringed Octopus

Danger Level: High

Though not a fish, this small octopus is one of the most venomous marine animals, carrying enough venom to kill 26 adults.

[Learn More](#)



Scorpionfish

Danger Level: Medium

Related to lionfish, scorpionfish have venomous spines and excellent camouflage abilities.

[Learn More](#)



Box Jellyfish

Danger Level: High

Another non-fish, the box jellyfish is considered one of the most venomous creatures in the world.

[Learn More](#)

Y https://oceanwonders.com/oceans/overview



Home Fish Birds Mammals Oceans Poisonous Fish Store Blog Contact

Explore the World's Magnificent Oceans

Welcome to our oceans overview page! The Earth's oceans cover more than 70% of the planet's surface and are home to an incredible diversity of life. From the frigid waters of the Arctic to the warm tropical seas, each ocean has its own unique characteristics and ecosystems. Join us as we embark on a journey to explore the five major oceans of the world and discover their wonders.





Pacific Ocean

The largest and deepest ocean, home to the Mariana Trench and the Great Barrier Reef.

[Explore Pacific](#)



Atlantic Ocean

Known for its powerful currents, including the Gulf Stream, and diverse marine life.

[Explore Atlantic](#)



Indian Ocean

Warm waters host unique species and is vital to global trade and climate patterns.

[Explore Indian](#)



Southern Ocean

Encircles Antarctica and plays a crucial role in global ocean circulation.

[Explore Southern](#)



Arctic Ocean

The smallest and shallowest ocean, home to unique cold-adapted species.

[Explore Arctic](#)

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https://oceanwonders.com/store

The screenshot shows the Ocean Wonders Store homepage. At the top, there's a navigation bar with links to Home, Fish, Birds, Mammals, Oceans, Poisonous Fish, Store, Blog, and Contact. Below the navigation is a section titled "Ocean Wonders Store" with a welcome message: "Welcome to the Ocean Wonders Store! Dive into our collection of marine-inspired products that capture the beauty and wonder of the world's oceans. From educational materials to eco-friendly merchandise, every purchase supports our mission of ocean conservation and education." The main content area displays eight product cards arranged in two rows of four. Each card includes an image, the product name, a brief description, the price, and an "Add to Cart" button.

Product Image	Product Name	Description	Price	Add to Cart
	Marine Life Encyclopedia	A comprehensive guide to ocean creatures, featuring stunning photographs and detailed information.	\$39.99	Add to Cart
	Coral Reef Puzzle (1000 pieces)	Bring the vibrant colors of a coral reef to life with this challenging jigsaw puzzle.	\$24.99	Add to Cart
	Eco-Friendly Water Bottle	Stay hydrated and reduce plastic waste with our marine-life themed reusable water bottle.	\$19.99	Add to Cart
	Humpback Whale Plush Toy	Cuddle up with this adorable and soft humpback whale plush, perfect for ocean lovers of all ages.	\$29.99	Add to Cart
	Ocean Wonders Documentary Series	Experience the magic of the oceans with our exclusive 5-part documentary series on Blu-ray.	\$49.99	Add to Cart
	Sea Turtle Canvas Tote Bag	Carry your essentials in style with this durable, eco-friendly tote featuring a beautiful sea turtle design.	\$14.99	Add to Cart

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https://oceanwonders.com/blog



Home Fish Birds Mammals Oceans Poisonous Fish Store Blog Contact

Ocean Wonders Blog

Welcome to the Ocean Wonders Blog! Dive into our latest articles exploring the fascinating world beneath the waves. From marine biology to conservation efforts, our team of experts shares insights, discoveries, and stories that celebrate the beauty and importance of our oceans.



Coral Reef Restoration: Hope for Ocean Ecosystems

By Dr. Emily Chen | May 15, 2023

Explore the innovative techniques marine biologists are using to restore damaged coral reefs and the impact these efforts have on ocean biodiversity.

[Read More](#)



Mysteries of the Deep: Newly Discovered Species

By Dr. Michael Torres | May 8, 2023

Journey into the abyss as we highlight some of the most bizarre and fascinating deep-sea creatures recently discovered by marine scientists.

[Read More](#)



Combating Plastic Pollution: Innovative Solutions

By Sarah Johnson | May 1, 2023

Learn about cutting-edge technologies and grassroots initiatives aimed at reducing plastic waste in our oceans and protecting marine life.

[Read More](#)

Categories

Marine Biology
Conservation
Ocean Exploration
Marine Life
Climate Change

Popular Tags

#CoralReefs #Sharks #Whales
#OceanPollution #MarineConservation
#DeepSea #Bioluminescence

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Contact Ocean Wonders

Get in Touch

We'd love to hear from you! Whether you have questions about marine life, want to inquire about our educational programs, or simply want to share your ocean experiences, we're here to listen.

Email: info@oceanwonders.com

Phone: +1 (555) 123-4567

Address: 123 Ocean Avenue, Marine City, CA 90210, USA

Send Us a Message

Name:

Email:

Subject:

Message:

Send Message

Connect With Us





Ocean Wonder testimonial website:

https://websim.ai/ocean-life/testimonials/submit

Submit Your Ocean Wonders Testimonial

Your Name:

Your Email:

Choose your testimonial type:

Written Audio Video

Your Testimonial:

Submit Testimonial



<https://websim.ai/ocean-life/testimonials/submit>

Submit Your Ocean Wonders Testimonial

Your Name:

Juan Carlos Martinez

Your Email:

yqiang92838@student.sfbu.edu

Choose your testimonial type:

Written

Audio

Video

Your Testimonial:

research. It's inspiring to see how much effort is being put into protecting these incredible creatures.

The user-friendly design and interactive features make navigating the site a breeze, and the live chat support is always there to help with any questions I have. This website has truly enhanced my educational experience, and I highly recommend it to other students and anyone with a passion for marine life."

Juan Carlos Martinez, International Student, Environmental Science Major



Submit Testimonial

Se8IQhbt

eText by Water... GitHub business

https://websim.ai/ocean-

An embedded page at party.websim.ai says

Thank you for your testimonial! It has been submitted successfully.

OK

Your Name:
Juan Carlos Martinez

Your Email:
yqiang92838@student.sfbu.edu

Choose your testimonial type:
Written Audio Video

Your Testimonial:
research. it's inspiring to see how much effort is being put into protecting these incredible creatures.
The user-friendly design and interactive features make navigating the site a breeze, and the live chat support is always there to help with any questions I have. This website has truly enhanced my educational experience, and I highly recommend it to other students and anyone with a passion for marine life."

Juan Carlos Martinez, International Student, Environmental Science Major

Submit Testimonial

Google slide share link:

https://docs.google.com/presentation/d/1A4-7ppT-wfwx-UUBxp_Sg0cRPy6XbAovQBQQjht_dNI/edit?usp=sharing

Web Design Technical Report

Yinghui Qiang(19692)

CS589 - Special Topics: Generative AI & Prompt Engineering

Dr. Henry Chang

July 26, 2024

Table of Content

1. Introduction
2. Design
3. Implementation
4. Test
5. Enhancement Ideas
6. Conclusion
7. Bibliography / References

Table of Content

1. Introduction
2. Design
 - Main webpage
 - Testimonial website
3. Implementation
4. Test
5. Enhancement Ideas
6. Conclusion
7. Bibliography / References

2

1. Introduction

- Node-Code AI Real-world application
- Create a website using Websim.ai

Description: The project aims to create an educational and visually engaging website dedicated to exploring the most beautiful ocean fish, birds, and mammals. This platform is designed for educators, students, conservationists, and nature enthusiasts to learn about these creatures, their habitats, and the significance of conservation efforts. The website features interactive elements such as quizzes, maps, and live chat support to boost user engagement and learning. Additionally, it includes a testimonial section where users can share their experiences and feedback through written, audio, or video testimonials, further enriching the community aspect of the site.

3

2. Design

The design of the website focuses on creating an intuitive, visually appealing, and information-rich platform. This approach ensures that users can easily navigate the site, access detailed information, and interact with various features to enhance their learning experience.

1. Developing a static website with basic information.
2. Creating a dynamic testimonial website with interactive features, detailed profiles, and multimedia content.
3. Implementing a mobile app with similar features for broader accessibility.

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3. Implementation

Planning: Define the scope, structure, and features of the website.

Design: Create wireframes and design the user interface to ensure a visually appealing and intuitive layout.

Development:

- Use HTML, CSS, and JavaScript for front-end development.
- Implement a content management system (CMS) for easy content updates.
- Integrate interactive features such as quizzes, maps, and live chat using JavaScript and third-party APIs.

Testing: Conduct thorough testing to ensure the website is responsive, user-friendly, and free of bugs.

Deployment: Host the website on a reliable server and monitor performance

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4. Test

1. **Functional Testing:** Verify that all features work as intended.
2. **Usability Testing:** Ensure the website is easy to navigate and user-friendly.
3. **Compatibility Testing:** Check compatibility across different browsers and devices.
4. **Performance Testing:** Assess the website's load time and overall performance.

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5. Enhancement Ideas

Mobile App Development: Extend the platform's accessibility by developing a mobile app.

Augmented Reality (AR) Integration: Enhance user engagement with AR features that allow users to view 3D models of oceanic creatures.

User Accounts: Implement user accounts for personalized content and progress tracking on quizzes.

Community Forum: Create a forum for users to discuss topics related to marine biology and conservation.

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6. Conclusion

The project successfully developed a dynamic and engaging website dedicated to exploring the most beautiful ocean fish, birds, and mammals. The platform offers comprehensive information, interactive features, and a visually appealing design, making it a valuable resource for educators, students, conservationists, and nature enthusiasts.

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7. Bibliography / References

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