

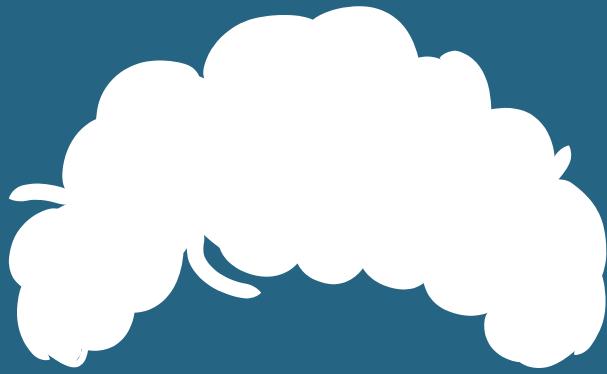
SEA ME LIKE I SEE YOU: SEA CREATURES SPECIES SEARCH ENGINE

FINAL PRESENTATION

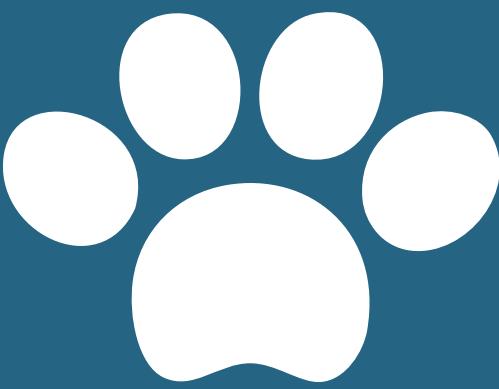
Team Members



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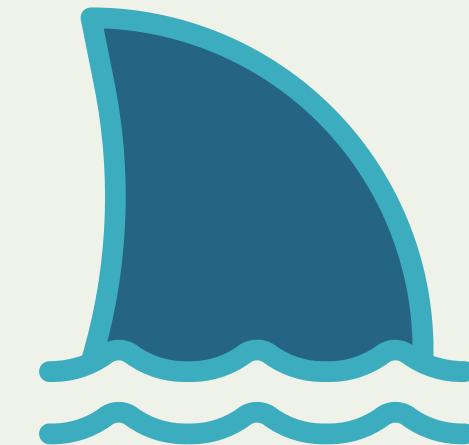
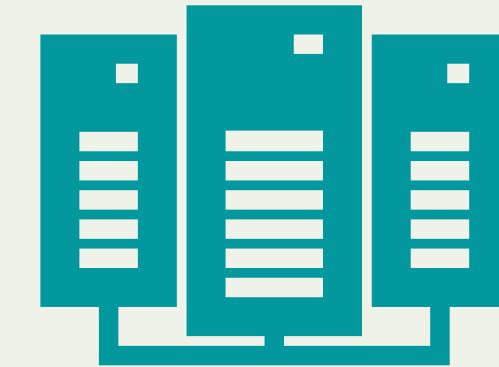
Pattanan Korkiattrakool
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DATA SET FOR SEARCH SYSTEM

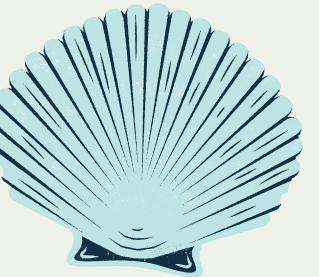


WEB SCRAPING
FROM MARINBIO



COMPONENTS IN DATASET

- Common name
- Scientific name
- Order and Family
- Image
- Description





SEA ME LIKE I SEE YOU

Type to search...

Search

DEMONSTRATION OF SEARCH SYSTEM

EXAMPLE OF SEARCHING

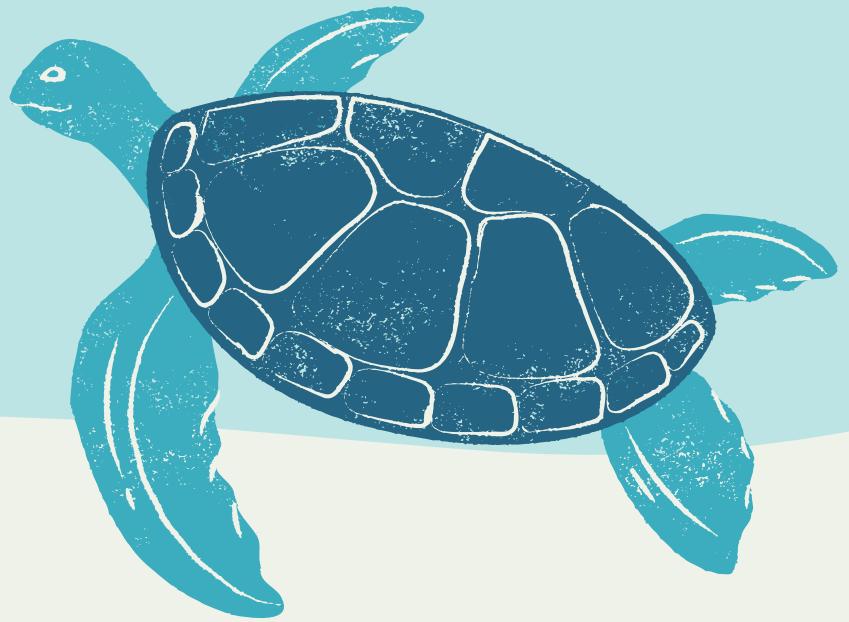
We will type the short word for the search such as "Shark".

It will show all of the descriptions and marine animal information that have the word "Shark".

The screenshot shows a search results page with three cards, each featuring a marine animal image and its details. The background has a light blue gradient with white wavy lines and a large, stylized blue sea horse on the right.

- Common name:** Atlantic Sharpnose Sharks
Scientific name: Rhizoprionodon terraenovae
Order and Family: Carcharhiniformes, Carcharhinidae
Description: Atlantic sharpnose sharks are small, gray, streamlined sharks, with characteristic long, pointed snouts. Males reach at least 1 m in length, females may be slightly larger to 1.1 m. Their average weight is 7.25 kg. The edge of their anal fins are either straight or slightly concave. Their second dorsal fins are located behind their anal fins. These sharks prefer subtropical waters near continental shelves from the intertidal zone out to deeper waters. This shark is able to tolerate lower salinity levels but, they do not venture into freshwater like bull sharks.
- Common name:** Atlantic Weasel Sharks
Scientific name: Paragaleus pectoralis
Order and Family: Carcharhiniformes, Hemigaleidae
Description: Atlantic weasel sharks have moderately long snouts and large eyes with nictitating membranes that protect their eyes while hunting prey. They have a short, small mouth with small, serrated upper teeth and erect, cusped lower teeth as adults and are light gray or bronze in color with vertical yellow stripes. The Atlantic weasel shark is a tropical species that inhabits depths up to 100 m. This species tends to inhabit both inshore and offshore waters around the continental shelf. Atlantic weasel sharks are unique in that they are not opportunistic feeders. This species feeding primarily on cephalopods and occasionally on small bony fishes.
- Common name:** Bigeye Thresher Sharks
Scientific name: Alopis superciliatus
Order and Family: Lamniformes, Alopiidae

ELASTIC SEARCH



*ALL LISTS OF MARINE ANIMAL
WITH DESCRIPTION*



We define the sample data such as specific names,
habitat, and feeding behavior.



HOW TO RANK THE DOCUMENTS

SORTS
ALPHABETICALLY

LESSONS LEARNED SPECIFIC TO PROJECT

WEB SCRAPER

- Know how to the tools that can be used to retrieve large numbers from data sources to save time.

ELASTICSEARCH

- Know how to use elastic search tool

WIDELY KNOW OF MARINE LIFE

- Get in-dept information about a wide variety of marine creatures.

THE TECHNICAL DIFFICULTIES, CHALLENGES

- 'Elasticsearch' is quite easy to use, but what is difficult is setting up a working environment because an app often crashes.
- Storing the image data for elastic tools to fetch the image data is a bit tricky because some images won't come out.
- Collected image when it is retrieved from the dataset on the elastic search, some of image was unsuccessfully retrieved, causing the image to not display.

THANK YOU

