



AUCKLAND ZOO

Capstone - IOD Software Engineering

OVERVIEW

An interactive and educational website for
the Auckland Zoo Education team



WHY IS IT IMPORTANT?

A captivating and educational website for the education department of Auckland Zoo to ensure that the learning doesn't just stop after the session!



RESEARCH

GSAP SHOWCASE

Showcase section to view projects/websites that have utilised GSAP!

This helped me research interactive and interesting styles that I could utilise!



ZOO WEBSITES

Viewed multiple zoo websites and their education sections.

- Singapore Zoo
- Bronx Zoo

TIMELINE



```
graph LR; A(( )) --- B(( )) --- C(( )) --- D(( )) --- E(( ))
```

FRONTEND

Building my website and implementing CSS

CONNECTION

Connecting my frontend to backend

DESIGN

Illustration, Mockups and Charts

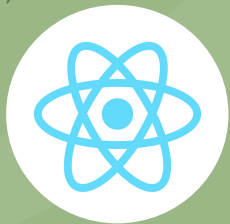
BACKEND

API, Database and CRUD

DOCUMENTATION

Github, Presentation and remaining documents

TECH STACK



NEXT JS

Front and backend



MONGODB

Database



CSS

Native CSS for frontend



BRUNO

To talk to my database

DATABASE

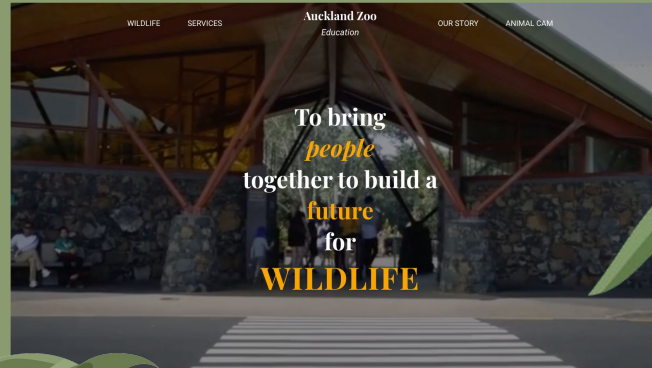
**BOOKING
FORM**

organisingTeacherName: String,
email: String,
mobileNumber: String,
schoolName: String,
address: String,
visitFormat: String,
firstPreferredDate: Date,
secondPreferredDate: Date,
thirdPreferredDate: Date

API

name: String,
location: String,
main_prey: String,
habitat: String,
predators: String,
diet: String,
favorite_food: String,
type: String,
slogan: String,
lifespan: String,
weight: String,
top_speed: String,

LIVE DEMO





THANKS!

CREDITS: This presentation template was created by Slidesgo, and includes icons by Flaticon and infographics & images by Freepik