

Fish Cage Manager



TABLE OF CONTENTS

01 Project Overview

Description of the project

02 Project Architecture

Technologies used and
Structure

03 Implementation

Implementation details and
Project features

04 Project Demo

Demo of the solution

05 Future Work

Future developments for
the project

06 Questions

Possible questions about
the project

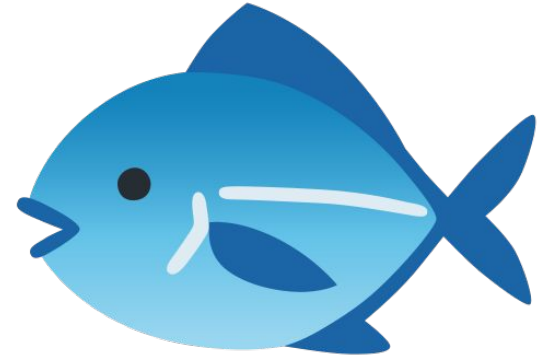
01

PROJECT OVERVIEW



PROJECT OBJECTIVES

- Create a fish cage manager
- Model excel tables with data into the program
- Create "cages"
- Control fish growth overtime in each "cage"
- Add and remove fishes from each "cage" to another
- Access monthly statistics of all "cages"



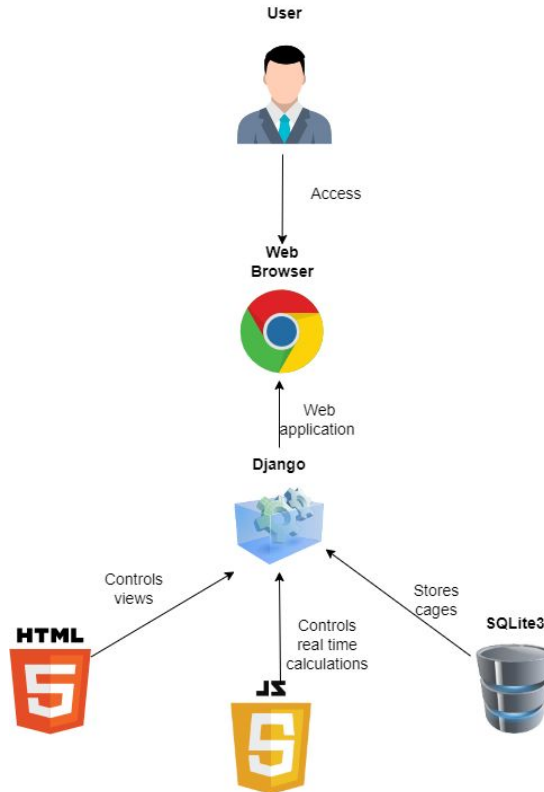
02

PROJECT ARCHITECTURE

And Technologies



PROJECT ARCHITECTURE



PROJECT TECHNOLOGIES

The Django logo, featuring the word "django" in a dark green, lowercase, sans-serif font.

Django

Backend framework



HTML

Interface



Javascript

Real time updates



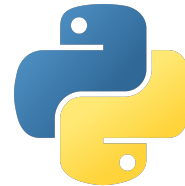
Bootstrap

Interface styling



SQLite3

Data storage



Python

Source language



03

IMPLEMENTATION

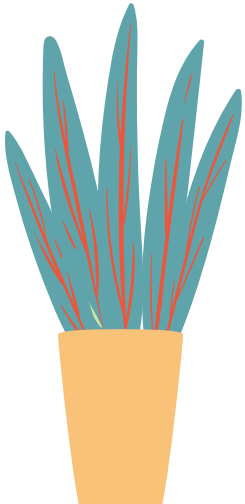
IMPLEMENTATION

- Initial page with all cages
- Individual cage page
- Statistics page



04

PROJECT DEMO



05

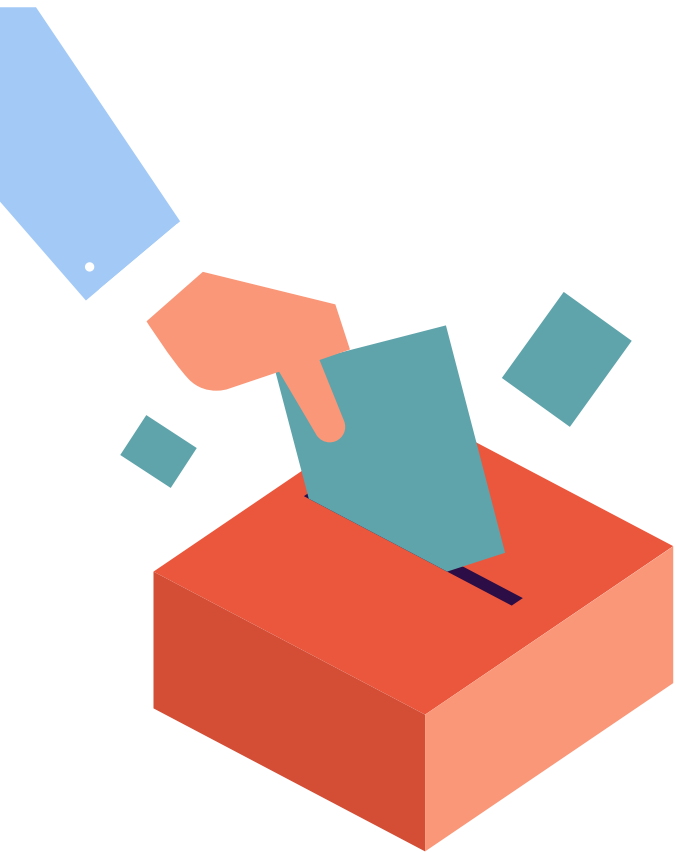
FUTURE WORK



FUTURE WORK

- Deploy it in cloud
- Introduction of user logins
- Integration with automatic test pipeline
- Implementation of other fish cage statistics
- Implement machine learning models to make the process more efficient





06

QUESTIONS

QUESTIONS

Do you have any questions?

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