

INDIVIDUAL ASSIGNMENT

LANKA

COMP40004

**WEB DEVELOPMENT AND OPERATING SYSTEMS-1**

**CF22A1COM,CF22A1SE, CF22A1CS**

ASSIGNMENT 2 AND 3 HAND OUT– 31ST MAR 2023

ASSIGNMENT 2 HAND IN –31ST MAY 2023

ASSIGNMENT 3 HAND IN – WEEK 18

WEIGHTAGE: ASSIGNMENT 2: 30% ASSIGNMENT 3: 30%

**INSTRUCTION TO CANDIDATES:**

1. **Students are advised to underpin their answers with the use of references (cited using the Harvard Name System of Referencing).**
2. **Late submission will be awarded zero (0) unless Extenuating Circumstances (EC) are upheld.**
3. **Cases of plagiarism will be penalized**
4. **Assignment presentation should be submitted in the form of softcopy and hardcopy both; modeling work should be submitted in softcopy form**

Student details

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* Module Name - Web development and Operating System
* Batch code – CFK22A1COM

**Acknowledgement**

I would like to express my special thanks of gratitude to my teacher Ms. Valuka Wijayagunawardana for her able guidance and support in completing this project.

Secondly, I would also like to thank my parents and friends who helped me a lot in finishing this assighment within the limited time. Just because of them, I was able to create my assighment and make it a good experience.

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# **Introduction**

According to Mayra is a client-side web application to showcase “turtle hatcheries in Sri Lanka”. This website Mayra has described about the turtle population in Sri Lanka including estimated values. The homepage will describe the origin of turtles. Life span of turtles and reproduction and some important aspects of turtle and tortoise care. The client may get a brief idea about some main turtle categories and the three main hatchery places in Sri Lanka. Mayra will fulfill the need of the government of Sri Lanka to protect the turtle population.

# **Design (Wireframes)**

## Homepage

A picture containing text, screenshot, line, diagram

Description automatically generated

## Turtle categories page

A picture containing text, diagram, line, parallel

Description automatically generated

## Category section page

A screenshot of a website

Description automatically generated with medium confidence

## Hikkaduwa turtle hatchery

## A screenshot of a website Description automatically generated with medium confidence

## Threats page

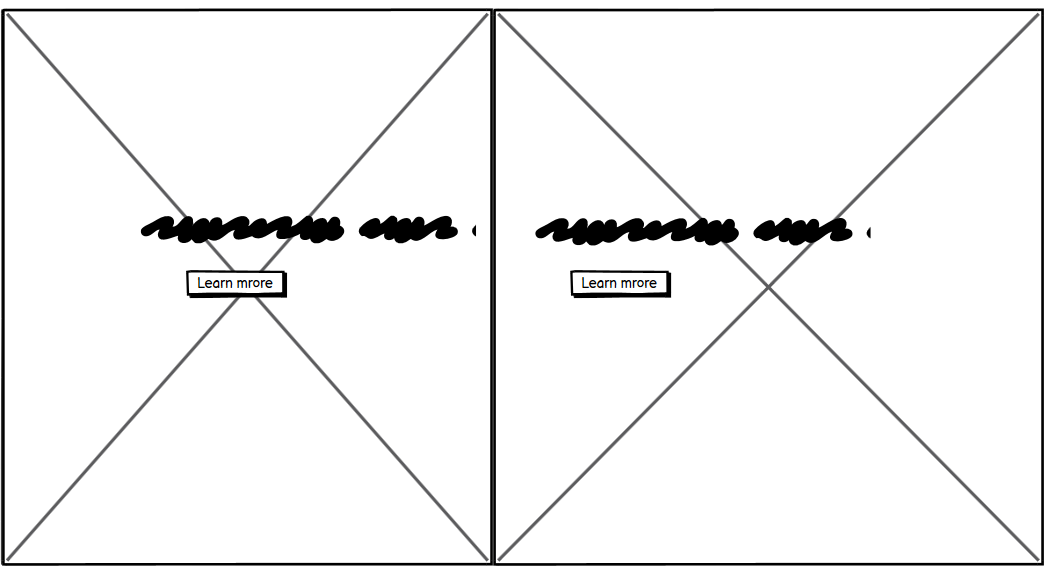
A picture containing text, screenshot, diagram, line

Description automatically generated

A screenshot of a website

Description automatically generated with low confidence

## Other turtle hatcheries



## Bentota turtle hatchery

A picture containing text, pattern, diagram, line

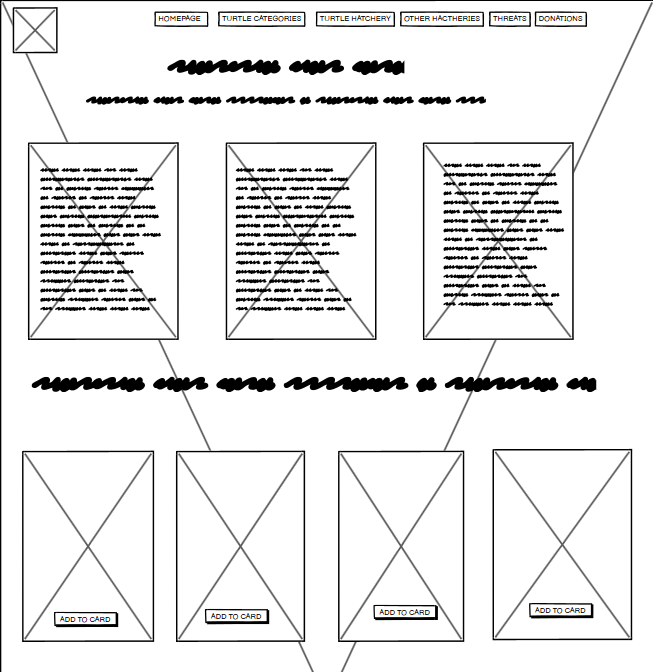
Description automatically generated

## Kosgoda turtle hatchery

A picture containing diagram, line, text, parallel

Description automatically generated

## Purchase and donate page.



A screenshot of a form

Description automatically generated with low confidence

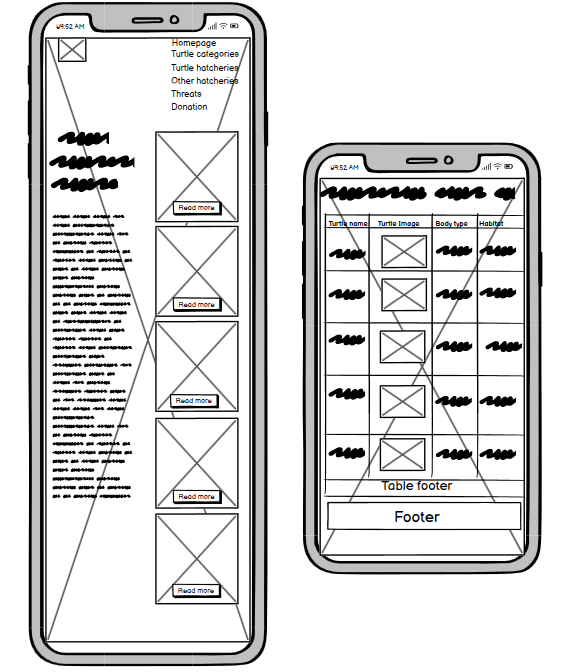
# **Mobile version**

## Homepage -Mobile

A picture containing text, pattern

Description automatically generated

## Turtle category page-Mobile



## Category section page-Mobile

A picture containing text, line, diagram, parallel

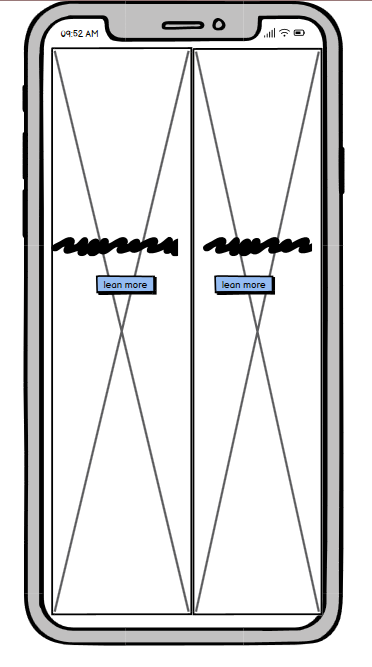
Description automatically generated

## Hikkaduwa turtle hatchery-Mobile

A screen shot of a tablet

Description automatically generated with low confidence

## Other hatchery pages-Mobile



## Kosgoda hatchery page-Mobile



## Bentota hatchery page-Mobile

A screenshot of a cell phone

Description automatically generated with low confidence

## Threat page-Mobile

## A screenshot of a cell phone Description automatically generated with low confidence

## Donation page-Mobile

A screenshot of a phone

Description automatically generated with low confidence

## GitHub link

## Conclusion