



# Challenge Brief

## **Gen AI Enabled Responsive Web Page Design**



## Challenge

Develop a responsive web page for Masai Mara Wildlife sanctuary using HTML, CSS and Bootstrap with the help of ChatGPT.

# Points to Remember

- Give meaningful ID and class attribute names to HTML elements.
- Use shorthand properties wherever possible which makes CSS code concise.
- Ensure that the Bootstrap grid system classes, flex layout classes, and utility classes are used to achieve responsiveness.
- Make sure that the CSS code is well-indented.
- Check the web page for its mobile responsiveness.

# Masai Mara Wildlife Sanctuary

Masai Mara Wildlife Sanctuary is a haven for the rich biodiversity found within its lush forests. It's dedicated to preserving and protecting various species of animals and plants and fostering a strong connection between nature and people.

Now, Masai Mara Wildlife NGO wants to conserve nature and preserve it from the most pressing threats to the diversity of life on earth. This NGO has yet to have a web presence, and because of this, it cannot reach a wider audience and accomplish its mission. A more comprehensive web presence would increase its monetary contribution and encourage voluntary participation from individuals.

Also, the millennials are most active in providing support to the organization. Hence, the organization is very keen on reaching out to the millennials with the information in the best possible way so that the information is well utilized.

The organization wanted to develop a responsive web page to be a digital gateway for all visitors to learn about the sanctuary, explore its beauty, and engage with its mission. As a preliminary step, they wanted to create a responsive web page in a day to get a preview of that, which can be later enhanced.



## Develop a Responsive Web Page for Masai Mara Wildlife Sanctuary

As a web developer, your task is to collaboratively create a responsive web page for this sanctuary using HTML, CSS, and the Bootstrap framework. The web page should give life to the vision of the sanctuary's mission, its efforts in conservation, and the mesmerizing wildlife it shelters.

Use the exciting opportunity to harness the power of ChatGPT to design a stunning and responsive web page for a fictional wildlife sanctuary named "Masai Mara Wildlife Sanctuary."

### CHALLENGE



# Tasks

Following are the tasks to be performed:

- Task 1: Develop a responsive web page for Masai Mara Wildlife Sanctuary by giving effective prompts to ChatGPT using HTML and CSS Media Queries
- Task 2: Modify the responsive web page created by giving prompts to ChatGPT that replaces the CSS media queries with the Bootstrap classes provided by the Bootstrap framework.

Note: The details of the various sections while designing the web page is given in the upcoming slide.

# Tasks (Contd.)

Create and design the following sections for Masai Mara Wildlife Sanctuary:

- Create a Header and Navigation Bar
- Craft a Welcoming Home Section
- Share the Sanctuary's Story in the About Section
- Curate a Striking Image Gallery
- Establish a Contact Form
- Design a Footer with Social Media Links



# Instructions

- Open [boilerplate](#) code in VSCode.
- Open ChatGPT web interface at <https://chat.openai.com/>
- Write Prompt to generate the code to develop a responsive web page for Masai Mara Wildlife Sanctuary using HTML and CSS media queries.
- Copy the generated code in the `index.html` file located inside the boilerplate.
- Make path corrections for the image sources in the `index.html` file based on the image links provided in the boilerplate.
- Open `index.html` file with Live Server to view the output on the web browser
- Continue the conversation on ChatGPT and write prompt to generate the expected output with various sections as specified in the upcoming slides.
- Append the code in the `index.html` file with the newly generated code.
- View the refreshed output on the web browser.

Note: Continue conversations with ChatGPT to achieve the desired outcome.



## Instructions (Contd.)

- In continuation to the conversation initiated, write prompts to covert the CSS media queries into Bootstrap classess to achieve responsiveness for the same web page.
- Copy the code in the `index_bootstrap.html` file located inside the boilerplate.
- Ensure similar output is achieved using Bootstrap classes.

Note: Continue conversations with ChatGPT to achieve the desired outcome.

# Instructions (Contd.)

- In continuation to the conversation initiated, write prompts to generate markdown code for the README.md file of the project.
- Copy the code in the README.md file located inside the boilerplate.
- Ensure the markdown code is including a preview of the page output. (If not, revise the prompt to include it)
- Create a snapshot of the web output and save it with the name preview-desktop.png, preview-tab.png and preview-mobile.png inside the screenshots folder of the boilerplate.
- Preview the README.md file to ensure the content is neat and clear.

Note: Record all the prompts in the prompts.md file.