**Par None: Beginner's Guide to Golf (Responsive Design, Lazy Loading, 4 Pages)**

**Concept:** This website offers beginner golfers essential tips, resources, and an interactive tool to help them find the perfect course!

**Technology:**

* HTML, CSS: For website structure and styling.
* JavaScript: To power the "Find Your Perfect Course" tool and potentially other interactive elements.
* Responsive Design: Ensures the website adapts seamlessly to desktop and mobile screens.
* Lazy Loading: Improves initial page load speed by loading resources (like images) only when needed.

**Pages:**

1. **Home Page (Title: "Welcome to Par None: Your Beginner's Guide to Golf!")**

* **Content:**
  + An image of a beginner golfer enjoying a course (use royalty-free images from pixabay.com and leverage lazy loading).
  + A friendly introduction highlighting the fun and challenges of golf.
  + Briefly explain the website's purpose (providing essential tips, resources, and a course finder tool).
  + Clear navigation bar with links to "Tips," "Resources," and "Find Your Course" (new page).

1. **Tips Page (Title: "Mastering the Basics: Essential Golf Tips for Beginners")**

* **Content:** Essential tips for beginner golfers. Lazy loading images.

1. **Resources Page (Title: "Ready to Tee Off? Explore Helpful Resources for Beginner Golfers")**

* **Content:** Curated resources for beginner golfers. Lazy loading applied to images and potentially other resources.

1. **\*\*\*OPTIONAL\*\*\* Find Your Perfect Course (Interactive)**

* **Description:** This page utilizes a JavaScript-powered tool to recommend courses based on user preferences.
* **Content:**
  + Title "Find Your Perfect Course: Tee Up for Fun!"
  + A short introduction explaining the purpose of the tool (helping beginners find courses suited to their needs).
  + User input fields using dropdowns or sliders (consider responsive design for mobile):
    - Skill Level (e.g., Beginner, Intermediate)
    - Budget (e.g., Less than $50, $50-$100, etc.)
    - Location (e.g., City, Zip Code) - Use a location picker library for mobile compatibility.
  + A "Find Courses" button that triggers the JavaScript code.
  + Upon clicking the button, the tool retrieves relevant courses using the Rapid API integration (<https://rapidapi.com/slashgolf/api/live-golf-data>).
  + The tool displays basic information and links to the retrieved courses on the webpage.

**Additional Optional Features:**

* Integrate weather data (using a separate API) to display weather conditions alongside retrieved courses on the "Find Your Course" page.
* Add a map component to visually display the location of recommended courses (requires additional libraries and potentially a paid API key).

**Optional Stretch Goal:**

The "Find Your Perfect Course" tool offers a personalized and interactive experience for beginner golfers. It demonstrates the power of APIs and JavaScript to enhance a website's functionality.

**Progressive Design and Lazy Loading:**

Lazy loading ensures faster initial page load times, especially on mobile devices. Users see the core content first, and images or other resources load as they scroll down the page.