**Dynamically generate a webpage from**

user request using OpenAI Structured Output

What does this do?

* **Listens for a User Query:**  
  A webhook receives an HTTP request with a query parameter (e.g., "a signup form" or any idea for a webpage).
* **Generates a UI Structure with AI:**  
  The workflow sends the query to OpenAI (using GPT-4o) along with instructions to act as a UI designer and copywriter. The AI returns a JSON object that describes UI components (like divs, buttons, text elements) along with Tailwind CSS attributes.
* **Converts JSON to HTML:**  
  Another AI node (using GPT-4o-mini) takes the structured JSON and converts it into raw HTML, ensuring it includes both the HTML content and a page title.
* **Wraps in a Complete HTML Page:**  
  An HTML node then wraps the generated HTML in a full HTML document template that loads Tailwind CSS for styling.
* **Responds to the Request:**  
  Finally, the workflow sends this HTML page back as the HTTP response via the webhook.