

Planning conversation:

I want to add a site wide searchbar with suggestions based on menu items and other keywords to my hypothetical restaurant site. Help me break this into small steps. Each step should be something I can test in under 10 minutes.

Copilot finished thinking >

Perfect! Now I can see you have a restaurant site with HTML pages. Let me break down adding a sitewide searchbar with suggestions into small, testable steps:

## Searchbar Implementation Breakdown

Here's a step-by-step plan where each step can be completed and tested in under 10 minutes:

### Step 1: Create the Search HTML Structure

- Add a search input and results container to your pages (or a header template)
- Create basic HTML markup for the search box
- **Test:** Open the page in browser, confirm the search box displays visually

### Step 2: Style the Searchbar

- Add CSS for the search input styling (appearance, size, spacing)
- Add CSS for a dropdown suggestions container
- **Test:** Search box looks polished and positioned correctly; dropdown container is hidden initially

### Step 3: Create the Data Source

- Extract menu items from your `menu.html` and create a JavaScript array with searchable items
- Include other keywords (e.g., page names: "About", "Contact", "Menu")
- **Test:** Log the array to console to confirm all items are captured correctly

### Step 4: Implement Basic Search Filtering

- Add JavaScript to filter the data array based on user input
- Match against item names/keywords
- **Test:** Type in the search box; confirm filter logic works by logging filtered results to console

### Step 5: Display Suggestions Dropdown

- Show filtered results in the dropdown below the search input
- Display suggestions as clickable items
- **Test:** Type in search box, see matching suggestions appear in the dropdown

### Step 6: Add Click Navigation

- When a suggestion is clicked, navigate to the relevant page or section
- Handle different types of results (menu items, pages, etc.)
- **Test:** Click a suggestion, confirm it navigates correctly

### Step 7: Enhance UX Features

- Add keyboard navigation (arrow keys, Enter to select)
- Hide dropdown when clicking outside
- Add visual highlighting of hovered suggestions
- **Test:** Use keyboard to navigate suggestions, press Enter to select

### Step 8: Polish & Edge Cases

- Handle empty search, no results messaging
- Debounce search input for better performance
- Add icons or categories to suggestions
- **Test:** Edge cases work correctly, search feels responsive

**Would you like me to help you implement any specific step first?** I can provide code templates, create files for your repository, or show you exactly what to add to your existing pages. Let me know which step you'd like to start with!

Step 1:

Start with step 1, make a search input on the top navbar on each page

Output: Basic search bar

The screenshot shows the header of the Mangu Mountain website. The header has a dark blue background with white text. It includes the restaurant's name "Mangu Mountain" on the left, a navigation menu with links to "Home", "About", "Menu", and "Contact", and a search bar on the right containing the placeholder text "Search menu, pages...".

### Desayuno (Breakfast)

A small thumbnail image showing a variety of breakfast items like eggs, bread, and fruit.

<b>Mangu con Los Tres Golpes</b> Mashed plantains with fried salami, fried cheese, and eggs	\$12.99
<b>Mangu Sencillo</b> Mashed plantains with sauteed onions and a side of your choice	\$8.99
<b>Huevos Revueltos Dominicanos</b> Scrambled eggs with peppers, onions, tomatoes, and salami	\$9.99
<b>Avena Dominicana</b> Creamy Dominican-style oatmeal with cinnamon, vanilla, and evaporated milk	\$5.99

### Platos Principales (Entrees)

A small thumbnail image showing a dish of chicken stew with rice.

<b>Pollo Guisado</b> Braised chicken in Dominican sofrito sauce, served with rice and beans	\$14.99
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Step 2:

It's there now, but step 2 needs to be redone as the css for the search bar is seemingly not there. Please make the search bar display with a higher corner radius

Output: Styled search bar (had to debug a lot because it deleted my css)

**Mangu Mountain**

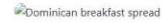
Home About Menu Contact

Search menu, pages...

## Our Menu

Traditional Dominican dishes made fresh daily with authentic recipes and the finest ingredients.

### Desayuno (Breakfast)



<b>Mangu con Los Tres Golpes</b> Mashed plantains with fried salami, fried cheese, and eggs	<b>\$12.99</b>
<b>Mangu Sencillo</b> Mashed plantains with sauteed onions and a side of your choice	<b>\$8.99</b>
<b>Huevos Revueltos Dominicanos</b> Scrambled eggs with peppers, onions, tomatoes, and salami	<b>\$9.99</b>
<b>Avena Dominicana</b> Creamy Dominican-style oatmeal with cinnamon, vanilla, and evaporated milk	<b>\$5.99</b>

### Platos Principales (Entrees)



<b>Pollo Guisado</b> Braised chicken in Dominican sofrito sauce, served with rice and beans	<b>\$14.99</b>
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Step 3:

OK let's move on to step 3

Step 3: Create the Data Source  
Extract menu items from your menu.html and create a JavaScript array with searchable items  
Include other keywords (e.g. page names: "About", "Contact", "Menu")  
Test: Log the array to console to confirm all items are captured correctly

Output: Created arrays

```

search-data.js √
@@ -1,61 +1,61 @@
1  const menuItems = [
2    // Desayuno (Breakfast)
3    { name: "Mangu con Los Tres Golpes", description: "Mashed plantains with fried salami, fried cheese, and eggs", category: "Desayuno", link: "menu.html" },
4    { name: "Tostones con Sancocho", description: "Mashed plantains with sauteed onions and a side of your choice", category: "Desayuno", link: "menu.html" },
5    { name: "Huevos Revueltos Dominicanos", description: "Scrambled eggs with peppers, onions, tomatoes, and salami", category: "Desayuno", link: "menu.html" },
6    { name: "Aveia Dominicana", description: "Creamy Dominican-style oatmeal with cinnamon, vanilla, and evaporated milk", category: "Desayuno", link: "menu.html" },
7    { name: "Salami Frito", description: "Crispy pan-fried Dominican salami slices", category: "Desayuno" },
8    { name: "Queso Frito", description: "Golden pan-fried Dominican white cheese with oregano", category: "Desayuno", link: "menu.html" },
9    { name: "Los Tres Golpes", description: "Fried salami, fried cheese, and eggs – the classic Dominican breakfast trio", category: "Desayuno", link: "menu.html" },
10
11   // Almuero (Lunch)
12   { name: "Pollo Guisado", description: "Braised chicken in Dominican sofrito sauce, served with rice and beans", category: "Almuero", link: "menu.html" },
13   { name: "Carne Asada", description: "Dominican-style braised Dominican beef stew in sofrito sauce, served with rice", category: "Almuero", link: "menu.html" },
14   { name: "La Bandera Dominicana", description: "The Dominican flag plate – rice, beans, steamed meat, and salad", category: "Almuero", link: "menu.html" },
15   { name: "Res Guisada", description: "Dominican-style braised beef stew with potatoes and carrots over rice", category: "Almuero", link: "menu.html" },
16   { name: "Ensalada de Pollo", description: "Creamy Dominican chicken salad with vegetables", category: "Almuero", link: "menu.html" },
17   { name: "Arroz con Habichuelas", description: "Savory Dominican stewed red beans in sofrito sauce", category: "Almuero", link: "menu.html" },
18   { name: "Arroz Blanco", description: "Fluffy white rice cooked Dominican style", category: "Almuero", link: "menu.html" },
19   { name: "Tostones", description: "Twice-fried green plantain slices with garlic sauce", category: "Almuero", link: "menu.html" },
20   { name: "Platano Frito", description: "Sweet fried ripe plantains, golden and caramelized", category: "Almuero", link: "menu.html" },
21   { name: "Torrijas (Tostones)", description: "Sweet turnovers filled with seasoned beef or chicken", category: "Almuero", link: "menu.html" },
22   { name: "Yuca Frita", description: "Fried yuca served with a tangy garlic-citrus mojo sauce", category: "Almuero", link: "menu.html" },
23
24   // Cena (Dinner)
25   { name: "Chivo Guisado", description: "Slow-braised goat seasoned with oregano and peppers, served with rice", category: "Cena", link: "menu.html" },
26   { name: "Chicharrón de Pollo", description: "Crispy Dominican Fried chicken bites with lime juice and cilantro", category: "Cena", link: "menu.html" },
27   { name: "Pescado Frito", description: "White fried red snapper with tostones, salad, and garlic dipping sauce", category: "Cena", link: "menu.html" },
28   { name: "Mofongo", description: "Mashed fried plantains with garlic, topped with your choice of protein", category: "Cena", link: "menu.html" },
29   { name: "Torrijas de Yuca Fritas", description: "Crispy fried yuca fritters with a golden crust, served with a side of garlic sauce", category: "Cena", link: "menu.html" },
30
31   // Bebidas (Drinks)
32   { name: "Mango Salsa", description: "Classic Dominicana orange juice and milk blend – creamy and refreshing", category: "Bebidas", link: "menu.html" },
33   { name: "Tamarindo", description: "Refreshing tamarind juice drink, sweet and tangy", category: "Bebidas", link: "menu.html" },
34   { name: "Chamola", description: "Creamy guanabana (soursop) juice blended with milk and sugar", category: "Bebidas", link: "menu.html" },
35   { name: "Jugo de Chichí", description: "Fresh-squeezed passion fruit juice", category: "Bebidas", link: "menu.html" },
36   { name: "Mamey", description: "Smoothie made from mamey fruit", category: "Bebidas", link: "menu.html" },
37   { name: "Café Dominicano", description: "Rich, bold Dominican-style espresso", category: "Bebidas", link: "menu.html" },
38
39   // Postres (Desserts)
40   { name: "Habichuelas con Dulce", description: "Sweet creamy bean dessert with milk, cinnamon, and raisins", category: "Postres", link: "menu.html" },
41   { name: "Flan", description: "Classic Dominican caramel custard Flan", category: "Postres", link: "menu.html" },
42   { name: "Flan de Coco", description: "Silky coconut custard with caramel sauce", category: "Postres", link: "menu.html" },

```

## Step 4:

Now move on to step 4,  
**Step 4: Implement Basic Search Filtering**  
 Add JavaScript to filter the data array based on user input  
 Match against item names/keywords

Output: Performed steps 4-6, everything mostly worked, but when getting the AI to change the look of the subtitle text for the items, the click navigation broke.

**Mangu Mountain**

Home About Menu Contact

tres

**Our Menu**

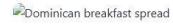
Traditional Dominican dishes made fresh daily with authentic recipes and the finest ingredients.

Mangu con Los Tres Golpes  
Breakfast Item

Los Tres Golpes  
Breakfast Item

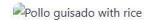
Tres Leches  
Dessert Item

## Desayuno (Breakfast)



<b>Mangu con Los Tres Golpes</b>	<b>\$12.99</b>
Mashed plantains with fried salami, fried cheese, and eggs	
<b>Mangu Sencillo</b>	<b>\$8.99</b>
Mashed plantains with sauteed onions and a side of your choice	
<b>Huevos Revueltos Dominicanos</b>	<b>\$9.99</b>
Scrambled eggs with peppers, onions, tomatoes, and salami	
<b>Avena Dominicana</b>	<b>\$5.99</b>
Creamy Dominican-style oatmeal with cinnamon, vanilla, and evaporated milk	

## Platos Principales (Entrees)



<b>Pollo Guisado</b>	<b>\$14.99</b>
Braised chicken in Dominican sofrito sauce, served with rice and beans	

## Step 6:

That worked, but step 6 will need to be done now. Click navigation was working before but seemingly stopped from that update.

**Step 6: Add Click Navigation**  
When a suggestion is clicked, navigate to the relevant page or section  
Handle different types of results (menu items, pages, etc.)  
Test: Click a suggestion, confirm it navigates correctly

Output: Working click navigation + highlight that was meant to be in step 7



## Desayuno (Breakfast)

Dominican breakfast spread

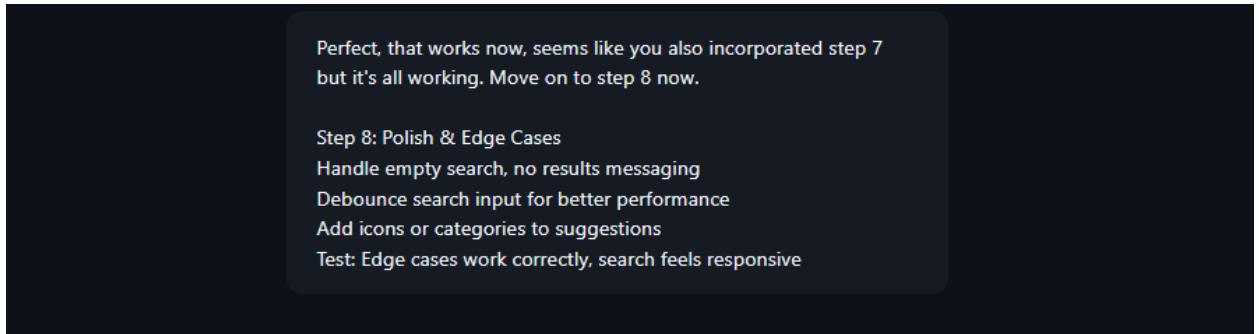
<b>Mangu con Los Tres Golpes</b> Mashed plantains with fried salami, fried cheese, and eggs	\$12.99
<b>Mangu Sencillo</b> Mashed plantains with sauteed onions and a side of your choice	\$8.99
<b>Huevos Revueltos Dominicanos</b> Scrambled eggs with peppers, onions, tomatoes, and salami	\$9.99
<b>Avena Dominicana</b> Creamy Dominican-style oatmeal with cinnamon, vanilla, and evaporated milk	\$5.99

## Platos Principales (Entrees)

Pollo guisado with rice

<b>Pollo Guisado</b> Braised chicken in Dominican sofrito sauce, served with rice and beans	\$14.99
<b>Chivo Guisado</b> Slow-braised goat seasoned with oregano and peppers, served with rice	\$18.99

## Step 8:



## Output: More polished list

