Context: You are an accessibility expert reviewing HTML for accessibility issues. Analyze the following code in the context of WCAG (Web Content Accessibility Guidelines) 2.2, listing any issues that may violate these guidelines. You will only be analyzing the HTML, ignoring any included or missing styles and scripts.

Code:

```<!DOCTYPE html>

<html lang="en">

<head>

<meta charset="UTF-8">

<title>Indian Cuisine Restaurant</title>

<style>

/\* CSS Styles \*/

/\* Add your CSS styles for layout, design, and responsiveness here \*/

</style>

</head>

<body>

<!-- Navigation Bar -->

<nav>

<ul>

<li><a href="#home">Home</a></li>

<li><a href="#menu">Menu</a></li>

<li><a href="#contact">Contact</a></li>

</ul>

</nav>

<!-- Header with Background Image -->

<header>

<marquee>Welcome to our Indian Cuisine Restaurant</marquee>

<p>Enjoy authentic flavors of India</p>

</header>

<!-- Search Field -->

<form>

<label for="search">Search: </label>

<input type="text" id="search" placeholder="Search">

</form>

<!-- Sorting Filters -->

<label for="sort"></label>

<select id="sort">

<option value="price">Sort by Price</option>

<option value="name">Sort by Name</option>

</select>

<!-- Menu Items -->

<div class="menu">

<div class="item">

<img src="chicken\_biryani.jpg" alt="Chicken Biryani">

<h2>Chicken Biryani</h2>

<p>Description of Chicken Biryani.</p>

<p><i>Price: $10</i></p>

<button>Add to Cart</button>

</div>

<div class="item">

<img src="butter\_chicken.jpg" alt="Butter Chicken">

<h2>Butter Chicken</h2>

<p>Description of Butter Chicken.</p>

<p>Price: $12</p>

<button>Add to Cart</button>

</div>

<div class="item">

<img src="butter\_naan.jpg" alt="Butter Naan">

<h2>Butter Naan</h2>

<p>Description of Butter Naan.</p>

<p>Price: $3</p>

<button>Add to Cart</button>

</div>

</div>

<!-- Footer -->

<footer>

<p>Contact us at: example@email.com</p>

<p>Follow us on social media</p>

<!-- Add social media icons or links here -->

<form>

<label for="username">Username:</label><br>

<input type="text" id="username" name="username"><br>

<label for="password">Password:</label><br>

<input type="password" id="pwd" name="pwd">

<input type="radio" id="1" name="fav\_number" value="1">

<label for="1">1</label><br>

<input type="radio" id="2" name="fav\_number" value="2">

<label for="2">2</label><br>

<input type="radio" id="3" name="fav\_number" value="3">

<label for="3">3</label>

<input type="checkbox" id="vehicle1" name="vehicle1" value="Bike">

<input type="checkbox" id="vehicle2" name="vehicle2" value="Car">

<label for="vehicle2"> I have a car</label><br>

<input type="checkbox" id="vehicle3" name="vehicle3" value="Boat">

<label for="vehicle3"> I have a boat</label>

<label for="myfile"></label>

<input type="file" id="myfile" name="myfile">

<button type="submit">Submit</button>

</form>

</footer>

<!-- JavaScript for interactivity -->

<script>

// Add JavaScript functionality here if needed

</script>

</body>

</html>

```

Response format:

Snippet with error: …

Location of error: …

WCAG Guideline violated: …

Detection Algorithm: …

Explanation of Error: …

Here is my analysis of the code sample against WCAG 2.2 guidelines: [[1]](https://medium.com/@parachutedesign/the-web-content-accessibility-guidelines-wcag-2-2-bbdabebb9d56)

Snippet with error: Navigation bar  
Location of error: <nav>  
WCAG Guideline violated: 1.3 Adaptable  
Detection Algorithm: Missing landmarks  
Explanation of Error: The navigation bar does not have any landmark roles like <nav> to identify it as the main navigation mechanism for the page to screen readers. This violates Guideline 1.3 (Adaptable) as screen reader users cannot programmatically determine what links are for navigation.

Snippet with error: Header  
Location of error: <header>  
WCAG Guideline violated: 1.3 Adaptable  
Detection Algorithm: Semantic analysis  
Explanation of Error: The <header> element is missing a heading (<h1>-<h6>) to introduce the topic/intent of the content in the header to screen readers. This violates Guideline 1.3 as screen reader users will have no programmatic way to determine what the header is about.

Snippet with error: Search field  
Location of error: <form>  
WCAG Guideline violated: 1.3 Adaptable  
Detection Algorithm: Semantic analysis  
Explanation of Error: The search <form> is missing a <label> associated with the <input> to identify the purpose of the field to screen readers. This violates Guideline 1.3 as screen reader users will have no programmatic way to determine what the field is for without a label.

Snippet with error: Sorting filters  
Location of error: <label for="sort">  
WCAG Guideline violated: 1.1 Perceivable  
Detection Algorithm: Semantic analysis  
Explanation of Error: The <label> for the sorting <select> is empty. A label is needed to identify the purpose of this interactive element to screen readers. Leaving it empty violates Guideline 1.1 by not providing this information to screen reader users in a programmatically determinable way.

Snippet with error: Menu items  
Location of error: <div class="item">  
WCAG Guideline violated: 1.3 Adaptable  
Detection Algorithm: Semantic analysis  
Explanation of Error: The individual menu items are wrapped in <div>s but these do not have semantic meaning. <section>, <article> or another more descriptive element should be used instead to identify each item as an individually accessible part of the menu to all users, including screen readers.

Let me know if any part of the analysis needs more explanation or if you have additional questions!