**JARURAT CARE ASSIGNMENT**

**WEBSITE AUDIT**  
**Task 1: Website Audit of Jarurat.care**

A detailed audit of the Jarurat.care website reveals several areas where improvements can be made in terms of performance, accessibility, and functionality. Below are three identified areas along with specific recommendations for each.

**1. Performance Optimization**

Issue: The website may experience slow loading times due to unoptimized images and excessive HTTP requests or JavaScript files.

**Recommendation:**

Image Optimization: Implement image compression techniques (e.g., using WebP format) to reduce file sizes without sacrificing quality. Use responsive images to serve different sizes based on the user's device.

Minimize HTTP Requests: Combine CSS and JavaScript files where possible to reduce the number of requests. Utilize asynchronous loading for non-essential scripts to improve initial load times.

**2. Accessibility Improvements**

Issue: The website may not fully comply with the Web Content Accessibility Guidelines (WCAG), potentially excluding users with disabilities. Insufficient contrast ratios and lack of alternative text for images.

**Recommendation:**

Semantic HTML: Ensure the use of semantic HTML elements (like <header>, <nav>, <main>, <footer>) to improve screen reader navigation. This helps users with disabilities better understand the page structure.

Keyboard Navigation: Verify that all interactive elements are accessible via keyboard navigation. Implement ARIA roles and properties where necessary to enhance assistive technology compatibility.

Colour Contrast: Review and adjust colour contrast ratios to meet WCAG standards, ensuring that text is readable against background colours. Ensure that text and background colour combinations meet WCAG 2.1 guidelines for contrast ratio (minimum 4.5:1 for normal text, 3:1 for large text).

Alt Text: Add descriptive alt text for all images to improve accessibility for screen readers.

**3. Responsive Design**

Issue: The website may not be fully responsive, leading to poor user experience on mobile devices with elements overlapping or being difficult to interact with.

**Recommendation:**

Media Queries: Use flexible grid layouts and CSS media queries to ensure the website is fully responsive. Ensure touch targets are adequately sized and spaced. This ensures that content is easily viewable on both desktop and mobile devices.

Viewport Meta Tag: Ensure the viewport meta tag is correctly set in the HTML to control layout on mobile browsers.