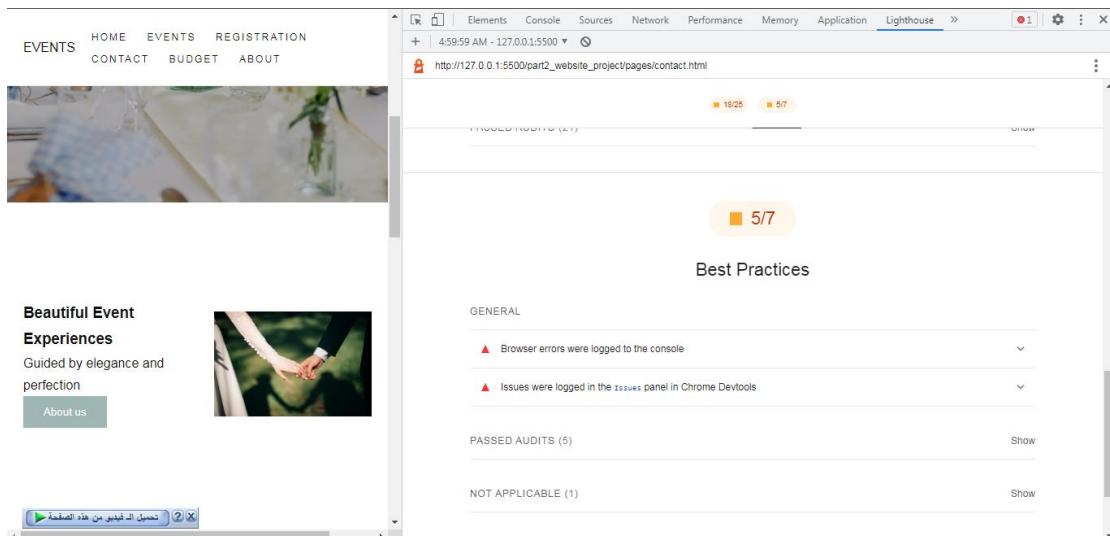


Performance Analysis Report

The screenshot shows a browser developer tools window with the Lighthouse tab selected. The URL is http://127.0.0.1:5500/part2_website_project/pages/contact.html. The audit results are as follows:

- Performance:** Score 18/25 (Yellow).
 - 0-49: ▲
 - 50-89: ■ 18/25
 - 90-100: ●
- METRICS:**
 - Total Blocking Time: 4,020 ms (Red)
 - Cumulative Layout Shift: 0 (Green)
- Event Configuration:** Event type: Click, Number of Events: 50.
- INTERACTION TO NEXT PAINT:** 470 ms
- View Trace:** A grid of thumbnail images showing the visual flow of the page.
- DIAGNOSTICS:**
 - Efficiently encode images — Error
 - Serve images in next-gen formats — Error



Overall Performance Score

The website received a 18/25 performance score (indicated by the orange rating), which falls in the 50-89 range on Lighthouse's 0-100 scale. This suggests the site has moderate performance with significant room for improvement.

Key Performance Metrics

Total Blocking Time: 4,020 ms - This is flagged as a critical issue (red indicator). This metric measures the total time during page load where the main thread was blocked long enough to prevent input responsiveness. A blocking time exceeding 4 seconds is quite poor and means users would experience noticeable lag when trying to interact with the page.

Interaction to Next Paint: 470 ms - This measures responsiveness to user interactions. While not as severe as the blocking time, this could still be improved for better user experience.

Cumulative Layout Shift: 0 - This is excellent (green indicator), meaning the page has no unexpected layout shifts during loading, which prevents the frustrating experience of elements moving around as the page loads.

Best Practices Score

The site scored **5/7 on Best Practices**, which is relatively good. The audit identified two issues:

1. Browser errors were logged to the console
2. Issues were logged in the Issues panel in Chrome DevTools

Diagnostics Section

The screenshots show that the audit found errors in two specific areas:

- **"Efficiently encode images"** - This suggests images aren't optimally compressed or formatted
- **"Serve images in next-gen formats"** - The site isn't using modern image formats like WebP or AVIF, which provide better compression

Additional Observations

The site appears to be for an events business (visible text: "Beautiful Event Experiences - Guided by elegance and perfection"), with navigation including HOME, EVENTS, REGISTRATION, CONTACT, BUDGET, and ABOUT sections. The audit was run on a local development server (127.0.0.1:5500).