Capital University of Science and Technology

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Audit Report

1. Overview

The Capital University of Science and Technology (CUST) website is a critical digital platform representing the university's academic excellence, administrative operations, and stakeholder engagement. This audit has been conducted with a dual objective:

1. **To review the current health and effectiveness of the website**
2. **To identify strategic opportunities for elevating the website in terms of performance and future readiness**

This report highlights not only corrective actions taken but also outlines a **forward-looking roadmap** for continuous digital enhancement aligned with modern higher-education web standards.

2. Audit Scope & Methodology

The audit was carried out under the supervision of the MIS Department (CUST) using a structured and collaborative approach.

2.1 Review Areas

- Content relevance and accuracy
- Technical performance and reliability
- User experience and accessibility

2.2 Audit Process

- **Content Review & Validation:**

  Conducted by the MIS team (CUST) in coordination with the Director IT (Dr. Masroor Ahmed) and Manager IT (Mr. Qamar Zaman).

- **Link Integrity & Content Verification:**

  Broken links, redundant pages, outdated content, and missing information were identified and addressed.

- **Technical & Infrastructure Review:**

  Performance, security, and accessibility checks were conducted in collaboration with Head Office (Tower Tech).

- **Audit Frequency:**

  Continuous monitoring with periodic reviews and issue-based assessments.

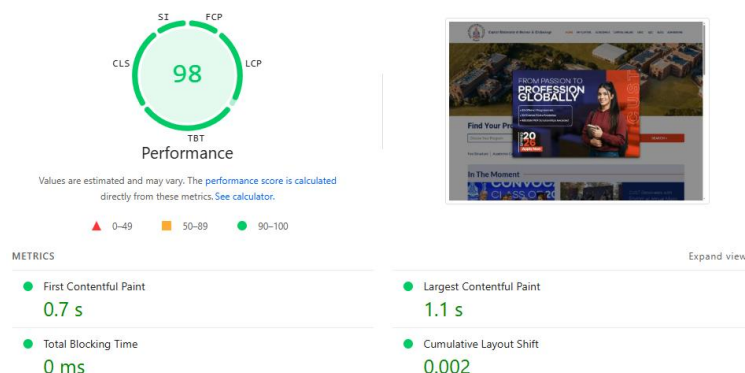## 3. Performance & Technical Elevation

3.1 Page Performance Insights

Performance analysis was conducted for the official website homepage.

Tools Used:

- Google PageSpeed Insights

3.1.1 Performance

- Performance Score: **98**

3.2 Technical Health Summary

- Asset optimization opportunities identified
- Script and style management reviewed
- Hosting and caching considerations evaluated

4. User Experience & Accessibility Enhancement

The audit reviewed the website from a **student, faculty, and public user perspective**.

Observations:

- Navigation clarity across devices
- Mobile responsiveness
- Content readability and structure

5. Elevation Roadmap

This roadmap demonstrates **progressive improvement**, not just maintenance.

Phase 1 – Stabilization

- Content cleanup and validation
- Security updates and access control review

Phase 2 – Enhancement

- Performance optimization
- Improved navigation and usability

6. Conclusion

The audit confirms that the CUST website is actively managed and continuously improving. Beyond routine maintenance, the findings of this audit provide a **strategic foundation for elevating the website** into a more secure, efficient, and future-ready digital platform.

Ongoing collaboration between the MIS Department (CUST) and Head Office (Tower Tech) ensures that the website not only meets current operational needs but also supports the university's long-term digital vision.