



Information Technology Generalist

CORAH Web App – Mini-Project 1 (Week 3)

Assignment Details

Assignment: CORAH Website Evaluation & Requirements Mini-Project **Assignment Type:** Formative / Project-Based Learning **Estimated Time:** ≈ 4–5 hours (lab + independent work) **Pre-Requisites:**

- Understanding of usability heuristics
- Introduction to accessibility standards
- Basic familiarity with web interfaces

Outcomes:

- Apply design principles to web design fundamentals in terms of content presentation
 - Design mock-ups of user interfaces based on requirements and specifications **Assignment Points:** 10%
- Evaluation Weight:** Formative **Due Date:** [Insert Date] **Objectives:**
- Evaluate an existing web interface for usability and accessibility
 - Create a sitemap and content inventory for CORAH's web app
 - Produce a one-page recommendation report for redesign requirements
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Document Control

Course: Web Design Fundamentals **Instructor:** [Instructor Name] **Term:** [Term/Year] **Version:** 1.0 **Last Updated By:** [Name]

Instructions

Use Case

CORAH requires a modern, accessible web application for seniors, focusing on event management, user registration, and admin functions. The system should also generate printable posters/flyers from event data. Students act as web designers, tasked with evaluating usability and accessibility, and documenting requirements.

Tasks

- **Explore the CORAH Concept:** Review the project brief, including events, registration, admin, and print features; identify potential user challenges for seniors and staff.

- **Usability Evaluation:** Apply usability heuristics (e.g., Nielsen's principles) and identify at least five usability issues or opportunities.
- **Accessibility Assessment:** Consider color contrast, font size, readability, and navigation simplicity; suggest improvements for senior-friendly access.
- **Content Inventory & Sitemap:** Create a sitemap showing main sections (Home, Events, Register, Admin) and list required content for each page (text, images, forms, buttons).
- **Recommendations:** Summarize usability and accessibility findings, outline functional requirements for the web app, and include notes on print/flyer generation feature ideas.

Reflection

- What were the most critical usability issues you identified?
- How did accessibility considerations influence your sitemap or content choices?
- What features would most improve CORAH staff efficiency?
- How did you balance user needs (seniors) with administrative functionality?

Deliverables

- **Website Critique Report:** One-page summary (PDF or Word) of usability and accessibility evaluation with key findings and recommendations.
 - **Sitemap Diagram:** Digital or hand-drawn representation of site structure.
 - **Content Inventory Table:** Page-wise list of required content/components.
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Evaluation Support

Equipment and Resources Required:

- Computer/laptop with browser
- Web design tools (Figma or paper sketches)
- Accessibility evaluation tools (contrast checker, screen reader demo)

Instructor Support:

- Weekly lab guidance and Q&A
- Feedback on draft evaluations

Submission Guidelines:

- Submit all files to LMS in a single folder (Report + Sitemap + Content Inventory)

Evaluation Criteria Summary:

- Usability & accessibility analysis → 40%
- Completeness of sitemap & content inventory → 35%
- Clarity & professionalism of report → 25%

Evaluation Criteria Rubric:

- Excellent: Clear, actionable, complete, well-presented
- Satisfactory: Mostly complete, minor missing details

- Needs Improvement: Incomplete, unclear, or missing key requirements
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Footer

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