UACS — HW04 Website & Corporate Design

Project: **University Access Control System (UACS)** Team: *Konark, Sibel, Ashraya, Mubariz.*
Live URL: http://10.60.36.1/~kkonark
Repository: `konark2006/University-Access-Control-System`

Overview & Objectives

The UACS website communicates the purpose and scope of the University Access Control System: a platform to request, approve, and audit access to rooms and IT systems across campus. Homework 04 focuses on two deliverables:

- a coherent **Corporate Design (CD)** articulated as colors, typography, layout rules, and logo usage; and
- a small, hosted **website** implementing the CD and including a legally required **Imprint/Disclaimer**.

Later assignments will connect this user interface to our MariaDB schema so that requests, resources, and events are displayed dynamically.

Corporate Design (CD)

Identity and Tone. UACS adopts a calm, institutional tone aligned with higher-education brands: reliable, accessible, and task-oriented. The UI emphasizes clarity and high contrast to support fast comprehension.

Logo and Usage. The primary mark is a wordmark with a subtle security motif. The production asset is `img/UACS_logo.png`. It is placed at the top-left of the header, with minimum clear space equal to half the logo height. Typical display height is **44 px** on desktop and scales down on smaller screens. The logo should not be stretched, skewed, recolored outside the palette, or placed on visually noisy backgrounds.

Color Palette. Colors are chosen for clarity, contrast, and a modern academic feel.

Name	Hex	Usage
Primary Blue	#0B3D91	Brand accents, headlines, interactive states.
Accent Mint	#0FB5A7	Secondary accents, gradients, highlights.
Ink (text)	#111827	Primary body text for maximum readability.
Ink-2 (muted)	#374151	Secondary text and subdued elements.
Mist (band)	#F3F4F6	Section backgrounds and separators.
White	#FFFFFF	Page and component backgrounds.

Typography. To avoid external dependencies on the university server, we use a robust system-sans stack: `-apple-system, BlinkMacSystemFont, ‘‘Segoe UI’’, Roboto, ‘‘Helvetica Neue’’, Arial, ‘‘Noto Sans’’, ‘‘Liberation Sans’’, sans-serif`. This guarantees legibility across platforms while respecting performance and availability constraints.

Layout System. Content is constrained to a max width of approximately 1100 px for comfortable reading. Sections use generous vertical spacing (about 56–72 px) to create rhythm. Cards feature 12 px corner radii and soft shadows for gentle depth. Navigation is sticky and remains accessible on scroll. The grid collapses to a single column on smaller viewports.

Accessibility. The design favors high-contrast text and semantic HTML regions (`header`, `nav`, `main`, `footer`). Interactive controls are keyboard accessible and labeled with appropriate ARIA attributes; links maintain visible hover/focus states.

Information Architecture

The site is intentionally compact and goal-oriented:

- **Home (`index.html`)** presents the system value at a glance. A prominent hero introduces UACS, followed by three functional cards (Requests, Resources, Events) to orient users, a brief “How it works” flow (Submit → Approve → Track), and a small facts band to convey scope.

- **Imprint (`imprint.html`)** contains the legal disclosure and contact information and is reachable in one click from the header and the footer of every page. This satisfies the assignment's imprint requirement.

Hosting & Publication

The site is hosted on the university webserver that serves each user's `public_html` directory. The published version is accessible at http://10.60.36.1/~kkonark. A simple workflow is used:

- The website files are maintained in the course repository and reviewed locally.
- When ready, the current version of the `Homework_4` site is synchronized into `public_html` so the live URL reflects the latest content.
- If desired, a separate staging folder can be used for previewing changes prior to publication.

File Organization and Responsibilities

The solution consists of a minimal, well-structured set of assets:

- `index.html` (Homepage). Provides the overall narrative of UACS and entry points to key areas. It also contains a small, accessible toggle for the mobile navigation.
- `imprint.html` (Imprint/Disclaimer). Contains the legally required notice and contact details; linked from header and footer to ensure one-click reachability.
- `style.css` (Stylesheet). Encapsulates design tokens (colors, spacing, typography), layout utilities (container, grid), and component styles (header, hero, cards, steps, stats, footer) including responsive behavior.
- `img/UACS_logo.png` (Logo). The header logo asset used by both pages.

Imprint / Disclaimer (Required)

Contact
UACS Project Team
Constructor University, Bremen, Germany
Email: uacs-team at example dot edu

Disclaimer
This website is student lab work and does not necessarily reflect Constructor University opinions. Constructor University does not endorse this site, nor is it checked by Constructor University regularly, nor is it part of the official Constructor University web presence.

For each external link existing on this website, we initially have checked that the target page does not contain contents which is illegal wrt. German jurisdiction. However, as we have no influence on such contents, this may change without our notice. Therefore we deny any responsibility for the websites referenced through our external links from here.

No information conflicting with GDPR is stored in the server.

The imprint is reachable in one click from every page (header and footer links).

Testing & Quality Assurance

The interface is reviewed locally in a standard browser to confirm visual fidelity, responsiveness, keyboard navigation, and link integrity. The same checks are repeated on the hosted environment. Particular attention is paid to:

- readability (contrast, font sizing, spacing),
- navigation accessibility (focus order, mobile menu behavior),
- imprint visibility (immediate discoverability from the homepage), and
- consistency with the Corporate Design across pages and breakpoints.

Future Integration

Subsequent assignments will connect the homepage tiles and statistics to live data from the MariaDB database:

- a lightweight server-side API to retrieve counts and recent events,
- replacement of static sections with dynamic summaries, and
- administrative functions for approving or denying requests behind appropriate authentication.

Credits

Design and implementation: *Konark, Sibel, Ashraya, Mubariz.*