



UI Navigation Improvements

Project: ASLsteamHub

Team: Group 18

Author: Kenneth Tran - Markus Lum-De Guzman

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Purpose of This Document

This document outlines all significant changes related to UI **navigation**, **layout**, and **usability** made by Team 18 after taking over the ASLsteamHub project. The goal was to improve the clarity, accessibility, and flow of the user interface — especially for interpreters and users managing personalized ASL sign libraries.

Please refer to “**UI Research.docx**” for any UI/UX research that our team made for this project.

These enhancements not only polished the frontend experience but also made future development easier by organizing shared elements and removing redundancy.

Summary of UI-Related Changes

Category	Details
New Files	3 new files added to modularize layout and archive legacy views
Modified	26 .ejs template files + style.css updated for layout and UX
Removed	2 outdated views relocated to views/old/ for clarity and cleanup

New Additions

views/partials/header.ejs

- A **shared partial** was introduced for the navigation bar.

- Enables consistent nav UI across pages like signin, signup, dashboard, and admin views.
- Reduces duplication and simplifies updates to navigation in the future.

Archived Admin Views

- admin-dashboard-old.ejs and manage-user-old.ejs were moved to views/old/.
 - These outdated files were retained for reference but removed from active rendering.
 - Purpose: prevent confusion, highlight new layout usage, and clean up the codebase.
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Detailed Modifications

1. Authentication & User Access Pages

File	Enhancements
signin.ejs	<ul style="list-style-type: none"> - Form layout rebuilt with Bootstrap 5 - Added email/password validation - New header using shared partial - Link to signup page added
signup.ejs	<ul style="list-style-type: none"> - Full name and username fields - Added Terms & Conditions checkbox - Password confirmation field - Improved mobile responsiveness
verification-page.ejs, recovery-password.ejs, reset-password.ejs	<ul style="list-style-type: none"> - Clearer labels and input fields - Buttons and form elements styled consistently - Better alignment of forms for user trust

2. User-Focused Pages

File	Enhancements
user-dashboard.ejs	<ul style="list-style-type: none"> - Introduced card-based layout (.dashboard-cards) for primary user actions (view lists, add words) - Added role-aware nav bar with Admin access if applicable

user-list.ejs	<ul style="list-style-type: none"> - Buttons for editing and deleting lists - Conditional display of settings/help/admin links - Integrated UI with consistent spacing
word-list.ejs	<ul style="list-style-type: none"> - Added search bar to filter words dynamically - Implemented modal-based editing for sign entries - Buttons for deleting and updating items, including fields like scientific def, pronunciation, image/embedded link
user-settings.ejs	<ul style="list-style-type: none"> - Editable fields: username, name, password - Read-only email field for security - Submit button added and clearly styled - Responsive layout for tablet/mobile

3. Admin Tools and Management Views

File	Enhancements
admin-dashboard.ejs	<ul style="list-style-type: none"> - Top nav improved - Better button grouping for admin actions
admin-user-library.ejs	<ul style="list-style-type: none"> - User library management with quick actions - More readable UI structure
admin-wordlists.ejs	<ul style="list-style-type: none"> - Word list admin tools integrated into central layout
manage-user.ejs	<ul style="list-style-type: none"> - Active management UI with access to edit/delete forms - Improved form alignment
edit-user.ejs	<ul style="list-style-type: none"> - Bootstrap input fields and layout - Clear call-to-action for saving user updates

4. Contact & Communication Pages

File	Enhancements
send-email.ejs	<ul style="list-style-type: none"> - Simplified form with subject/message - Submit and "Back" buttons styled consistently
contact-us.ejs	<ul style="list-style-type: none"> - Unified layout and better form spacing

style.css Improvements

Several updates were made to support the visual consistency of all UI pages:

- **Navbar Improvements**
 - .navbar cleaned up and unified across views
 - Removed excessive bold font from .nav-link.active
 - **Layout Enhancements**
 - .dashboard-cards styled for card-like components
 - .dropdown-menu now transitions more smoothly
 - Aligned and spaced .form-group, input elements, and submit buttons
 - **Buttons**
 - Consistent btn-primary, btn-secondary, btn-danger classes
 - Added spacing utilities (mr-2, ml-2, etc.) for cleaner layout
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Deprecated Views

File	New Status	Reason
admin-dashboard-old.ejs	Moved to views/old/	Fully replaced with redesigned layout
manage-user-old.ejs	Moved to views/old/	Merged functionality into manage-user.ejs

These files are no longer rendered or linked but preserved for historical reference.

Why These Changes Matter

Goal	Result
Improve usability	Easier navigation, clearer CTAs, mobile-friendly forms

Standardize design	Consistent navbars, forms, and modals
Make future development easier	Partial views, better file organization
Reduce user errors	Form validations and layout alignment
Clean codebase	Archived unused views, centralized styling

Suggested Follow-ups

- Convert remaining hardcoded navbars to use header.ejs
- Migrate footer to a shared footer.ejs if not already done
- Document reusable components (navbars, buttons, forms)
- Implement breadcrumb navigation for deeper user flows