MICHIGAN STATE UNIVERSITY

Alpha Presentation Electronic Laboratory User's Guide 2.0

The Capstone Experience

Team Henry Ford Innovations

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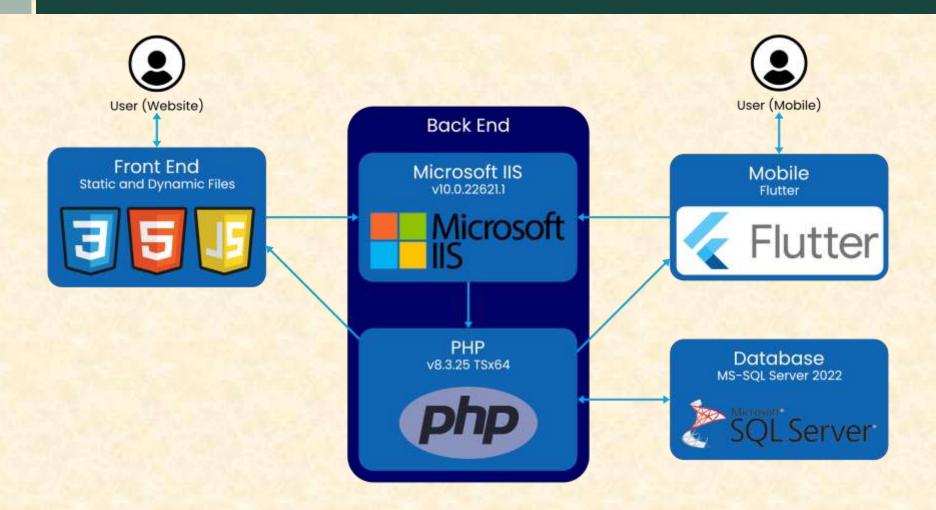
Department of Computer Science and Engineering
Michigan State University



Project Overview

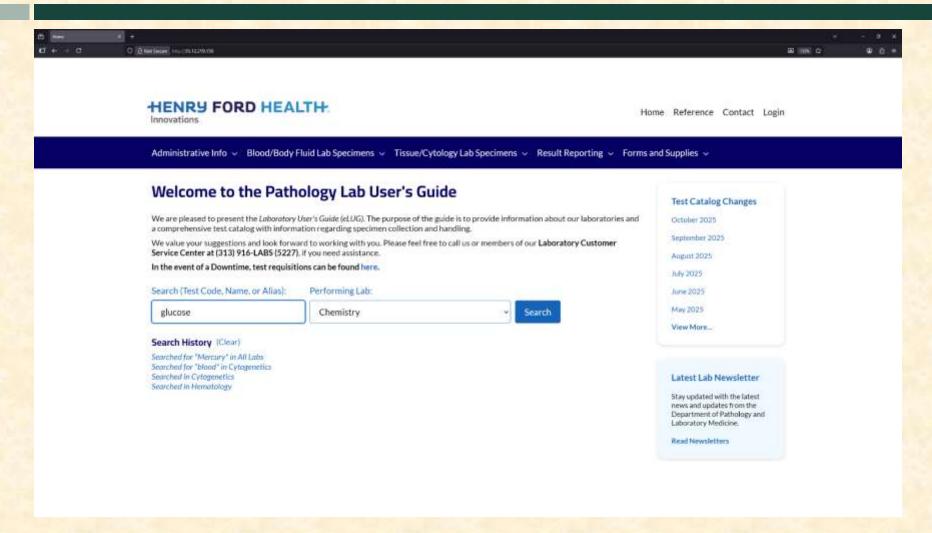
- Catalog of laboratory test data
- Modernized
- Cross-platform mobile application
- Compatible with existing systems
- Easily maintainable

System Architecture



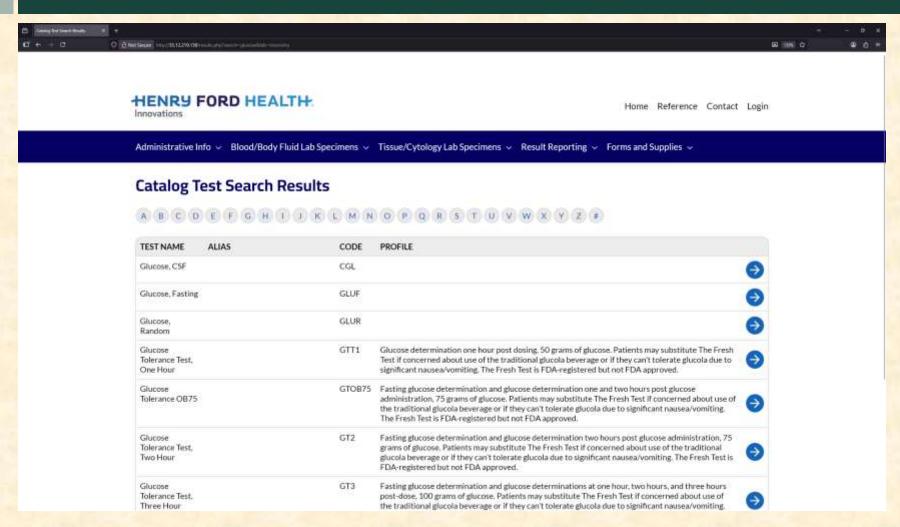


Home/Search Page

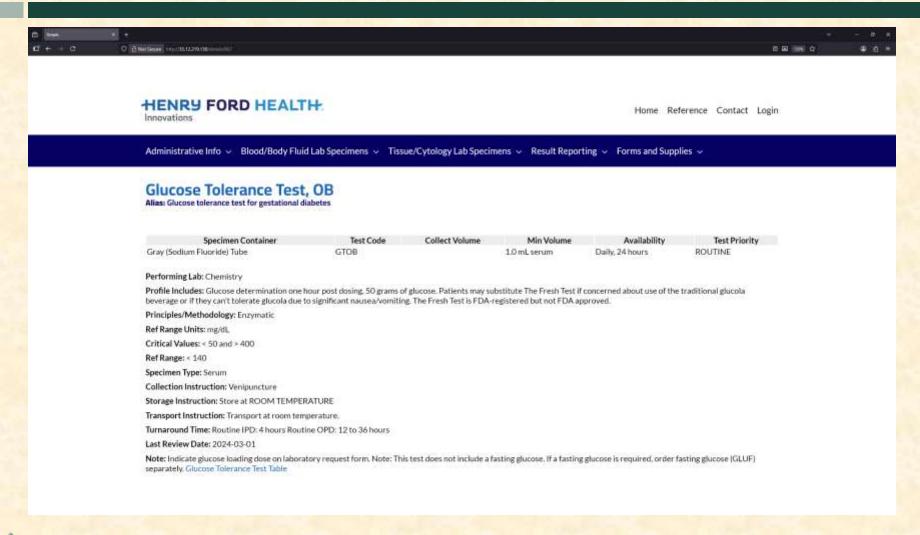




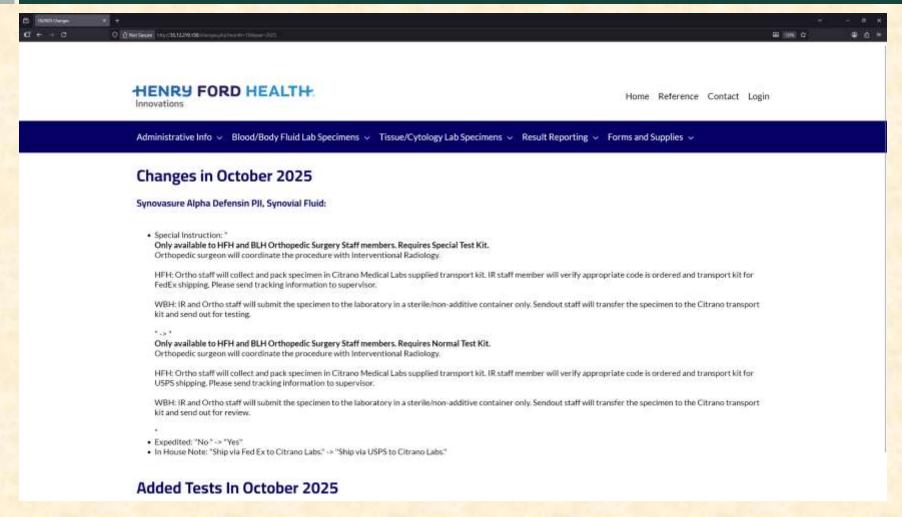
Search Results Page



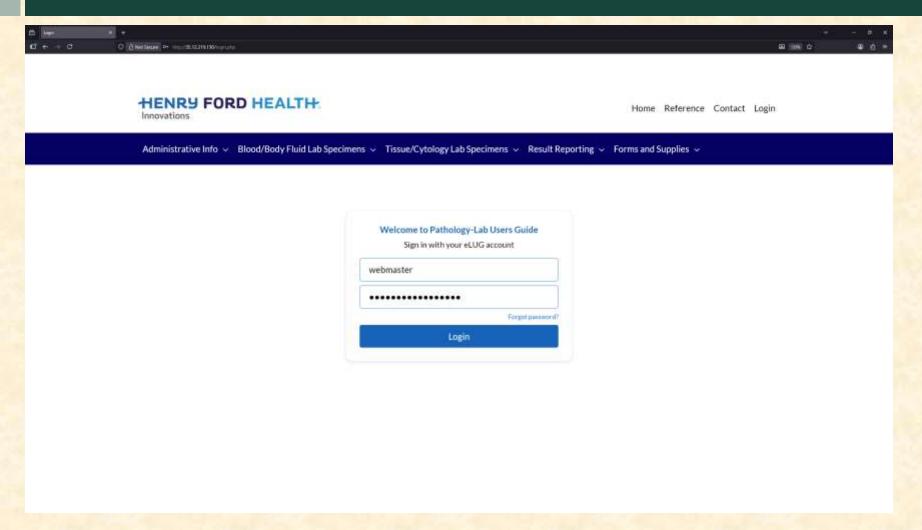
Lab Test Details Page



Monthly Changes Page

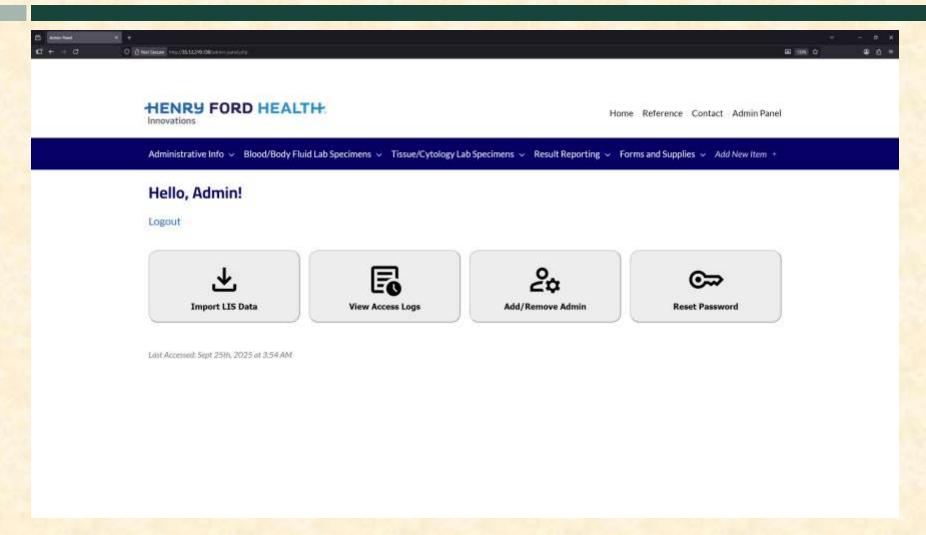


Login Page

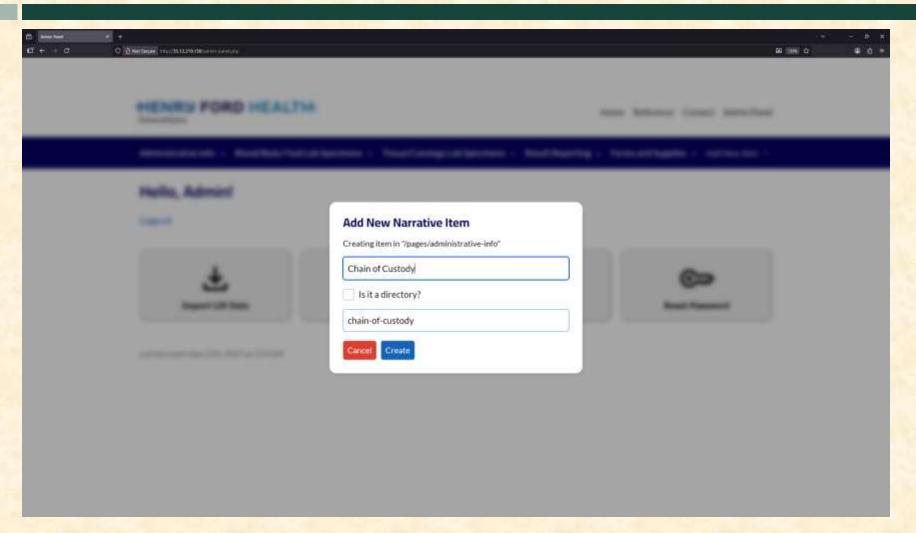




Admin Panel Page

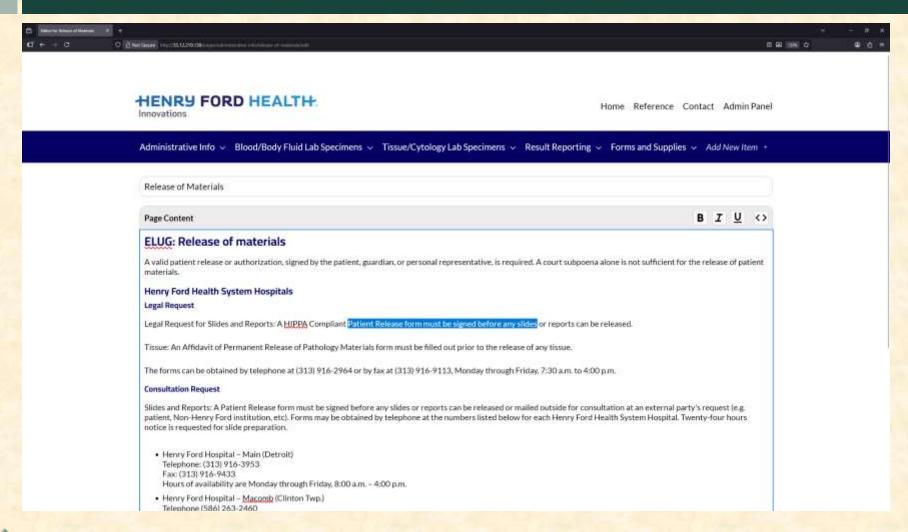


CMS Dialog Box



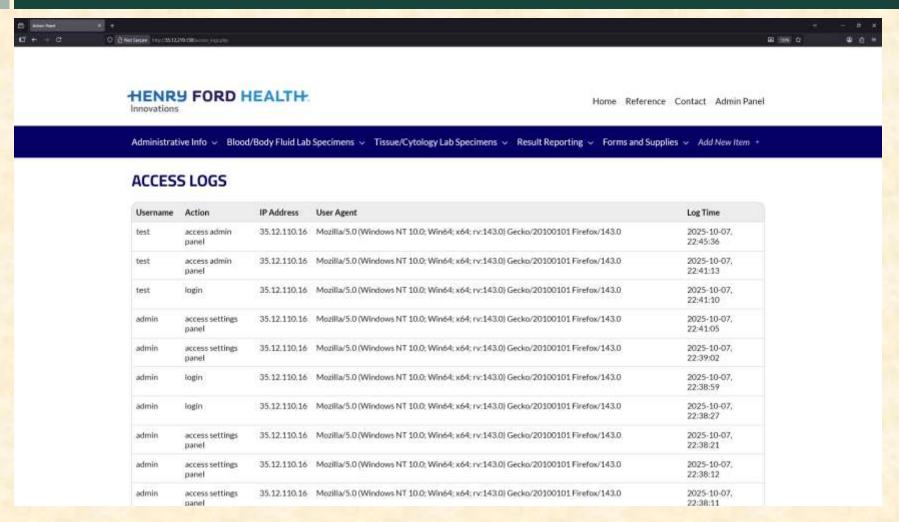


Narrative Page Editor



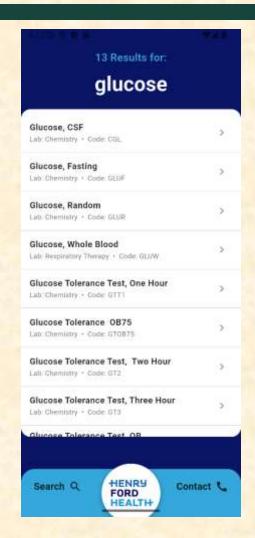


Access Logs Page



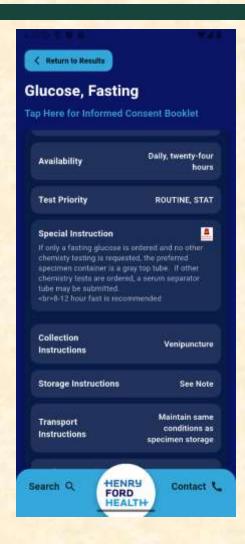


Mobile Search Results





Mobile Lab Test Details



What's left to do?

- Test design alterations with users
- Add user management functionality
- System for synchronizing database changes between development and production
- Lab test version history UI
- Functionality for managing labs

Questions?

