

Form Buster - Milestone 6

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Milestone 6 Overview

Task	Completion	Daniel	Chris	Alex	Luka	To-Do
Implement, test, and demo Signature Graph	100%	0%	0%	100%	0%	N/A
Implement, test and demo 'paused' forms	100%	0%	0%	100%	0%	N/A
Implement, test, and demo Inbox Notifications	100%	100%	0%	0%	0%	N/A
Implement, test, and demo GUI fixes	100%	0%	100%	0%	0%	N/A
Implement, test, demo Saving Forms in Editor	100%	0%	0%	0%	100%	N/A
Test/demo of entire system	100%	25%	25%	25%	25%	N/A
Conduct evaluation and analyze results	100%	25%	25%	25%	25%	N/A
Create user/developer manual	100%	25%	25%	25%	25%	N/A
Create demo video	100%	25%	25%	25%	25%	N/A

Signature Graph

- Final refactor completed with new legend explaining visual indicators
- Logical details behind how graph is created fixed slightly
 - Due to the actual form destinations not fitting within our scope, we did not get it to be 100% accurate.

Paused Forms

- Backend updated to support paused forms (Admin only)
- Updated UI to distinguish active vs inactive forms
- Improved the Form Tracker layout and reduced visual clutter
- [Paused Form demo](#)

Inbox Notifications

- Notifications now open detailed pop-up windows when clicked
- Reject notifications show reviewer comments
- Pop-ups automatically mark messages as read
- Page layout updated for improved readability/clarity

Inbox / Notifications Popup Visual

The screenshot shows a software interface with a dark grey background. At the top right, there is a greeting "Hello, John Doe". On the left, there is a vertical menu icon consisting of three horizontal bars. The main area is titled "Inbox" in a bold, white font. Below the title, there are three buttons: "Refresh", "Mark All Read", and "Delete All Read". A red rectangular callout box is overlaid on the screen, containing the following information:

Notification Details

Form ID: O9dCtMehkrx2
Status: Rejected
Reason: There is no academic unit offering this course in the spring.

Form Comments

- There is no academic unit offering this course in the spring.

A "Close" button is located at the bottom of the callout box. In the background, to the right of the callout, there is a blurred message with the word "REJECTED" visible.

General GUI Fixes

- Backlog of GUI bugs resolved across the application
- General design and UX improvements applied to make site more visually appealing and user friendly

Saving Forms in Editor

- Fixed issue where updating a form created a duplicate
- Existing forms now save updates correctly to the backend

Test/Demo of Entire System

- Unit and integration testing throughout development
- Final system tests performed, including acceptance and stress tests
- System passed testing with no major issues found
- Full walkthrough demo

Evaluation Results

- Testing conducted with new and returning evaluators
- Returning users found system intuitive and visually improved
- New testers praised usability and autofill efficiency

User/Developer Manual

- User manual created with page-by-page instructions and role-specific capabilities
 - Developer manual split into frontend and backend sections
- Key files documented with functionality and system context

Lessons Learned

- Involvement of Full Stack Web Applications
 - Most of the team had never built one before
 - Tedious to set up and implement
 - Learning how to combine the frontend and backend in an optimal way
- Task distribution based on strengths
 - More productive when working on tasks a team member is good at
 - Pros and Cons to having only one expert in an area
- Importance of Documentation
 - Keeping track of work done and To-dos
 - Testing plans to ensure app handles all outcomes correctly
 - Modeling database beforehand makes coding it easier

Any Questions?



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