



# Form Buster - Milestone 3

...

Daniel Acosta, Christopher Demuro, Alex Merino,  
Luka Miodrag Starčević

# Milestone 3 Overview

Task	Completion	Daniel	Chris	Alex	Luka	To-Do
Implement, Demo Form Tracker	70%	0%	0%	100%	0%	Tie Users to Forms using account logic
Implement, Test Active Forms	50%	0%	0%	100%	0%	Attaching users to new forms
Implement, Test, Undergraduate for Grad Class Form	100%	100%	0%	0%	0%	None
Implement, Test, Demo Form Editor	50%	20%	5%	5%	70%	Finalize stylistic choices and implementation of them
Setup AWS hosting	100%	33%	17%	33%	17%	None
Implement, Demo, Test Form Template Saving	100%	0%	50%	0%	50%	None
Implement, Demo, Test, Signatures	100%	0%	0%	100%	0%	None

# Active Forms, Form Tracker, Signatures

- When a user fills out a form and submits, it will be added to the database
- Using logic based on form type and user advisor(s):
  - A Signature object will be created, which is connected to the user
  - The Signature object will be added to the active form
  - The form ID is then added to each user
- The creator of the form will have their signature automatically signed
- The Form Tracker will update when another user signs the form

## Next Steps:

- Test tracker after a form has been updated
- Fix UI bugs (Display signature information correctly, date formatting, etc.)

# Form Tracker Demo

[Form Tracker Demo Video](#)

# Undergraduate → Grad Class Form

## Permission Undergrad To Take Graduate Course Form

### Student Information:

Last Name

First Name

Date

Student ID Number

Term

Cumulative GPA

Major

Graduating Term (Projected)

Florida Tech Email

### IMPORTANT

- Once a course is approved for use in a degree program and is recorded on the transcript, no reversal is permitted.
- Undergraduates accepted into an accelerated or fast track program may apply up to six 5000-level (graduate) credit hours to both the bachelor's and master's degrees.

### PROCEDURES

- Complete form.
- If cumulative GPA is 3.0 or higher, obtain signatures from course instructor and your advisor.

# Set Up AWS Hosting

- Current local version of site uploaded to AWS
- We can connect to the site and interact with the current features with minimal issues
- Waiting for further development of core features to create a proper demo of the AWS site

## Next Steps:

- Upload new build with core features at the end of milestone 4
- Demo AWS site with core features and test build stability/scalability

# Form Editor and Form Template Saving

- An admin can create a new form template and edit existing form templates in the form builder
- The form template can be saved to the database, and that template can then be loaded when starting a new form
- Text editor built using React Quill, similar functionality to typical text editors like word

## Next Steps:

- Add more functionality to make the editor more intuitive and interactive
- Improve the UI design

# Form Editor Demo

[Form Editor Demo Video](#)



# Milestone 4 Tasks

- **Implement, Test Form Tracking:**
  - Update UI
  - Create a page to full details of form
- **Implement, Test Active Forms:**
  - Attach correct users to the correct forms
  - Test reliability of backend database with form creation, updating, deletion, completion
- **Implement, Test, Demo Form Editor:**
  - Make creating, managing, and adding content to form templates user friendly
  - Test standardization and reliability of saving forms
  - Add form preview to editor so that changes to forms can be seen in real time as they are being made
- **Implement, Demo, Test Updating a Form:**
  - Implement the updating of an already existing template
- **Implement, Demo, Test Forms in the Inbox :**
  - Implement the dashboard retrieval of forms sent to the inbox after completion
  - Notification of new forms that need to be signed in faculty inboxe
  - Implement optional attached note explaining the form's outcome
  - Test user level security for viewing forms
- **Implement, Demo, Test Adding comments to Forms:**
  - Implement the ability for faculty to comment on submitted forms
  - Notify creator of forms with update

# Milestone 4 Task Matrix

Task	Daniel	Chris	Alex	Luka
Implement, Test Form Tracking	0%	0%	100%	0%
Implement, Test Active Forms	0%	50%	50%	0%
Implement, Test, Demo Form Editor	50%	0%	0%	50%
Implement, Demo, Test Updating a Form	0%	100%	0%	0%
Implement, Demo, Test Forms in the Inbox	100%	0%	0%	0%
Implement, Demo, Test Adding comments to Forms	0%	0%	0%	100%

# Any Questions?



...