



Form Buster - Milestone 1

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Starčević

Milestone 1 Overview

Task	Completion	Daniel	Chris	Alex	Luka	To do
Website frontend	20%	0%	0%	100%	0%	Inbox, Dashboard, Registration, Sign In
Database/ hosting server	100%	0%	50%	50%	0%	None
Develop Data Structures	25%	0%	50%	0%	50%	Implementation
Requirement Document	100%	5%	15%	75%	5%	None
Design Document	100%	25%	0%	50%	25%	None
Test Plan	100%	5%	95%	0%	0%	None

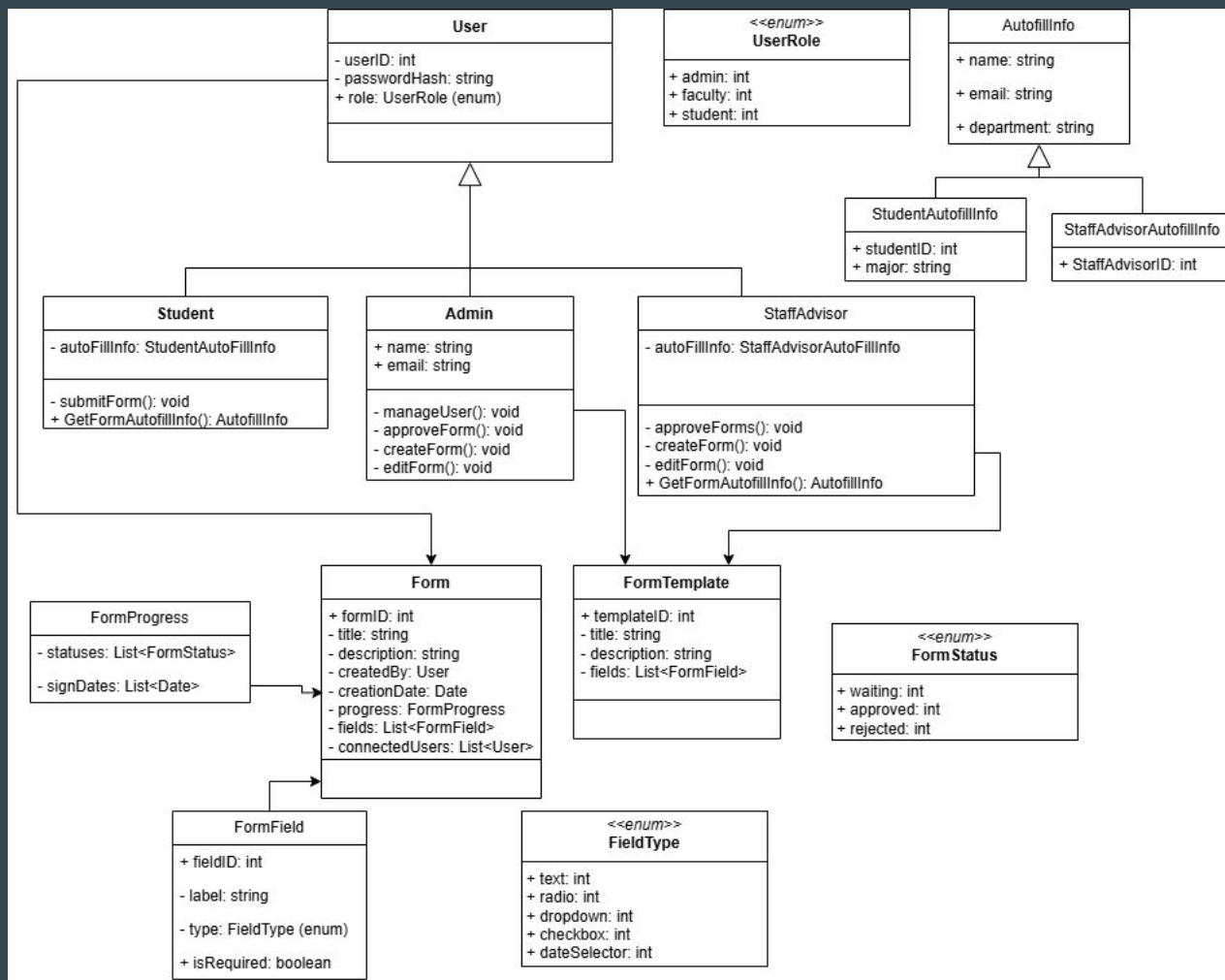
Technical Tools / Resolutions

- After deliberation as a team the best choice for hosting will be EC2 through AWS
 - Cheap
 - Some prior experience
 - Straightforward to use
- Terminology changes
 - Faculty will now be called Staff Advisors

Requirements

- **Form Completion** : The system shall allow all user types to begin and fill out a form
- **Form Tracking** : The system shall allow all users to track a form that requires their input
- **Form Layout Editor** : The system shall allow Administrators to create, modify, (un)publish and delete forms
- **User Registration and Login** : The system shall allow users register/sign in to an account
- **Email Notification System** : The system shall send email notifications to users when a form has been updated.
- **Dashboard** : The system shall display a dashboard with summarized information of their active forms.
- **Inbox** : The system shall list all user notifications in the inbox module

UML Diagram



[illegible]

Dashboard

Form 1

[More Details](#)

Form 2

[More Details](#)

Inbox Digest

3 New Notifications

Form 1

- A, B, D accepted form

- Awaiting 5 signatures

Form 2

- A, B, C accepted form

- D rejected form

Form 1

Class Registration form

Signatures Required:

User A

User B

User C

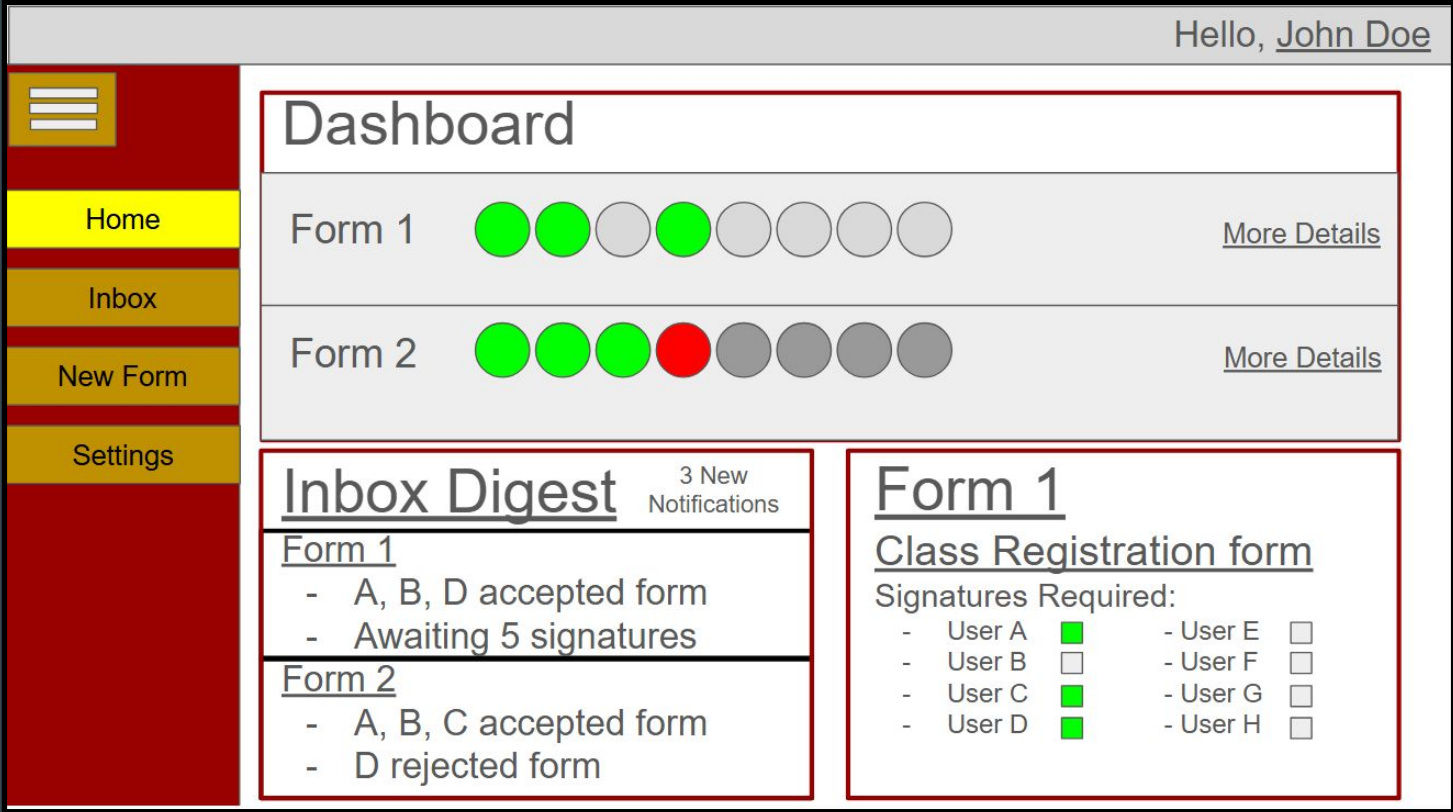
User D

User E

User F

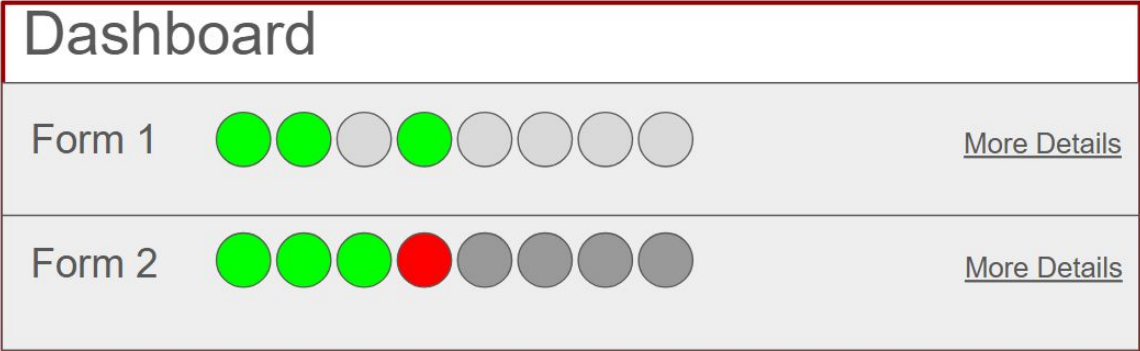
User G

User H

[illegible][illegible][illegible][illegible]

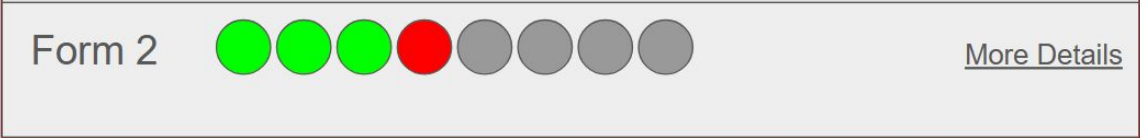
Dashboard									
Form 1	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	More Details
Form 2	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	More Details

Dashboard									
Form 1	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	<div></div>	More Details
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Form 2 [More Details](#)



Form 2 [More Details](#)

Inbox Digest	3 New Notifications
<u>Form 1</u> <ul style="list-style-type: none"> - A, B, D accepted form - Awaiting 5 signatures 	
<u>Form 2</u> <ul style="list-style-type: none"> - A, B, C accepted form - D rejected form 	

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Form 1

Class Registration form

Signatures Required:

- User A	<input checked="" type="checkbox"/>	- User E	<input type="checkbox"/>
- User B	<input type="checkbox"/>	- User F	<input type="checkbox"/>
- User C	<input checked="" type="checkbox"/>	- User G	<input type="checkbox"/>
- User D	<input checked="" type="checkbox"/>	- User H	<input type="checkbox"/>

Form 1

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- # Form 1
- ## Class Registration form
- Signatures Required:
- | | | | |
|----------|-------------------------------------|----------|--------------------------|
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GUI Mockups - Student Registration for App

REGISTER

First Name:

Last Name:

Student ID:

Major:

Advisor:


FIT Email:

Password:

Confirm Password:

GUI Mockups - Form Layout Editor

Hello, ADMIN




- Home
- Inbox
- New Form
- Edit Forms**
- Settings

Class Registration Form

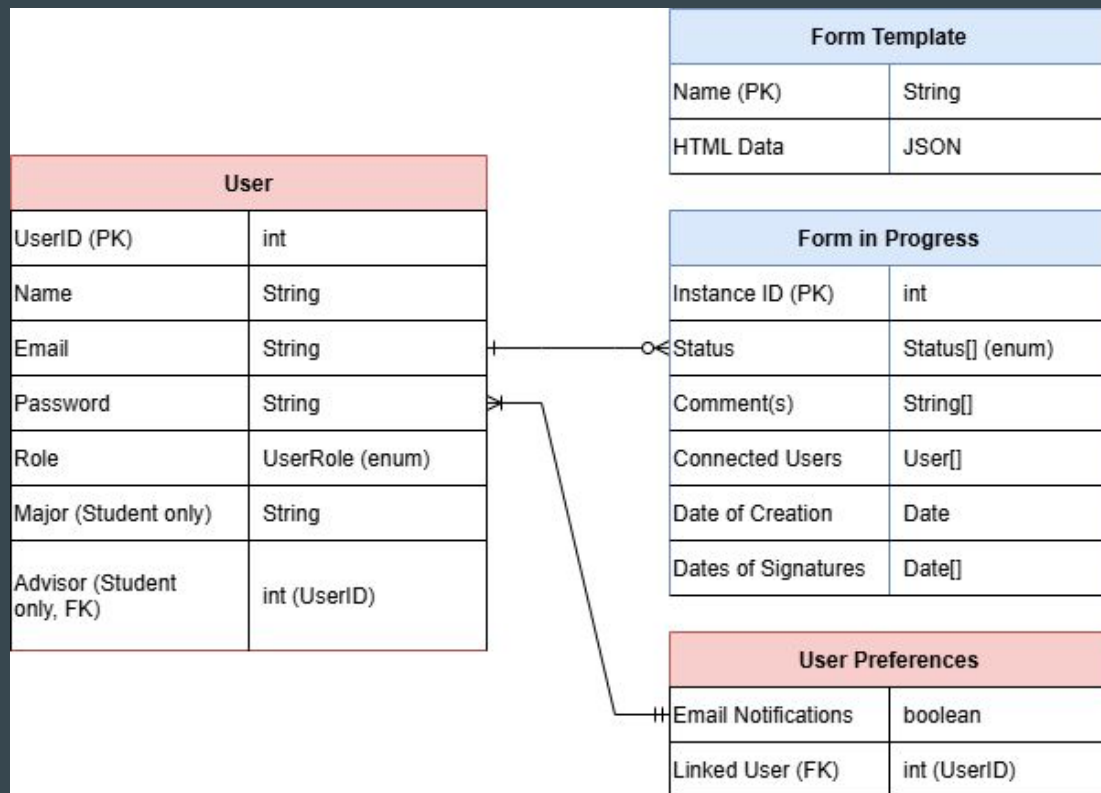
First Name:	<input type="text"/>	<input type="button" value="Remove"/>	<input type="button" value="Modify"/>
Last Name:	<input type="text"/>	<input type="button" value="Remove"/>	<input type="button" value="Modify"/>
Email:	<input type="text"/>	<input type="button" value="Remove"/>	<input type="button" value="Modify"/>
Student ID:	<input type="text"/>	<input type="button" value="Remove"/>	<input type="button" value="Modify"/>
Major Code:	<input type="text"/>	<input type="button" value="Remove"/>	<input type="button" value="Modify"/>
Advisor:	<input type="text"/>	<input type="button" value="Remove"/>	<input type="button" value="Modify"/>

Add Classes:

Course Registration Number (CRN):

 Add another class

Database Design



Demo - Landing Page

[Sign in](#)[Register](#)

FORM BUSTER: Web Registration and Track

Welcome to Form Buster, the web application solution to pdf forms at Florida Tech. The goal of our project is to remove any and all .pdf files from registrar forms. Forms such as Class Registration, FERPA, Program Plans for graduates and masters students will be available to be completed.

To fill a form out:

1. Register/Sign in
2. Pick the form you would like to fill out
3. Track the status of your form

After you complete your form, it will automatically be sent to the faculty and admins necessary to approve and complete the form.

Form Tracking

A novel feature of this web application is the option to view and track a form and its status. For each form a user completes, they will be able to view to whom the form was sent and whether or not they have completed their part. Users will also receive email notifications when their form is updated or its status is changed.

Demo - Landing Page (Mobile View)

[Sign in](#)[Register](#)

FORM BUSTER: Web Registration and Track

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Demo - Sign in

< > ↻ VPN localhost:5173/sign-in

Log In

Email:

Password:

If you don't have an account you can [create one here.](#)

Demo - Sign in (Mobile View)

Log In

Email:

Password:

If you don't have an account you can
[create one here.](#)

Testing

- Levels
 - UI/UX
 - Database
 - Interaction
- Test Items
 - User Authentication
 - Profile creation
 - Form Storage
 - Email Notifications
 - Form Template Creation/Modification

Milestone 2

Task	Daniel	Chris	Alex	Luka
Implement Frontend	33%	17%	33%	17%
Implement Routing	0%	100%	0%	0%
Implement Form Editor	25%	25%	25%	25%
Implement User Views	0%	0%	100%	0%
Implement Database	0%	0%	0%	100%
Implement simple form	100%	0%	0%	0%

Any Questions?



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