Form Buster - Milestone 2

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Milestone 2 Overview

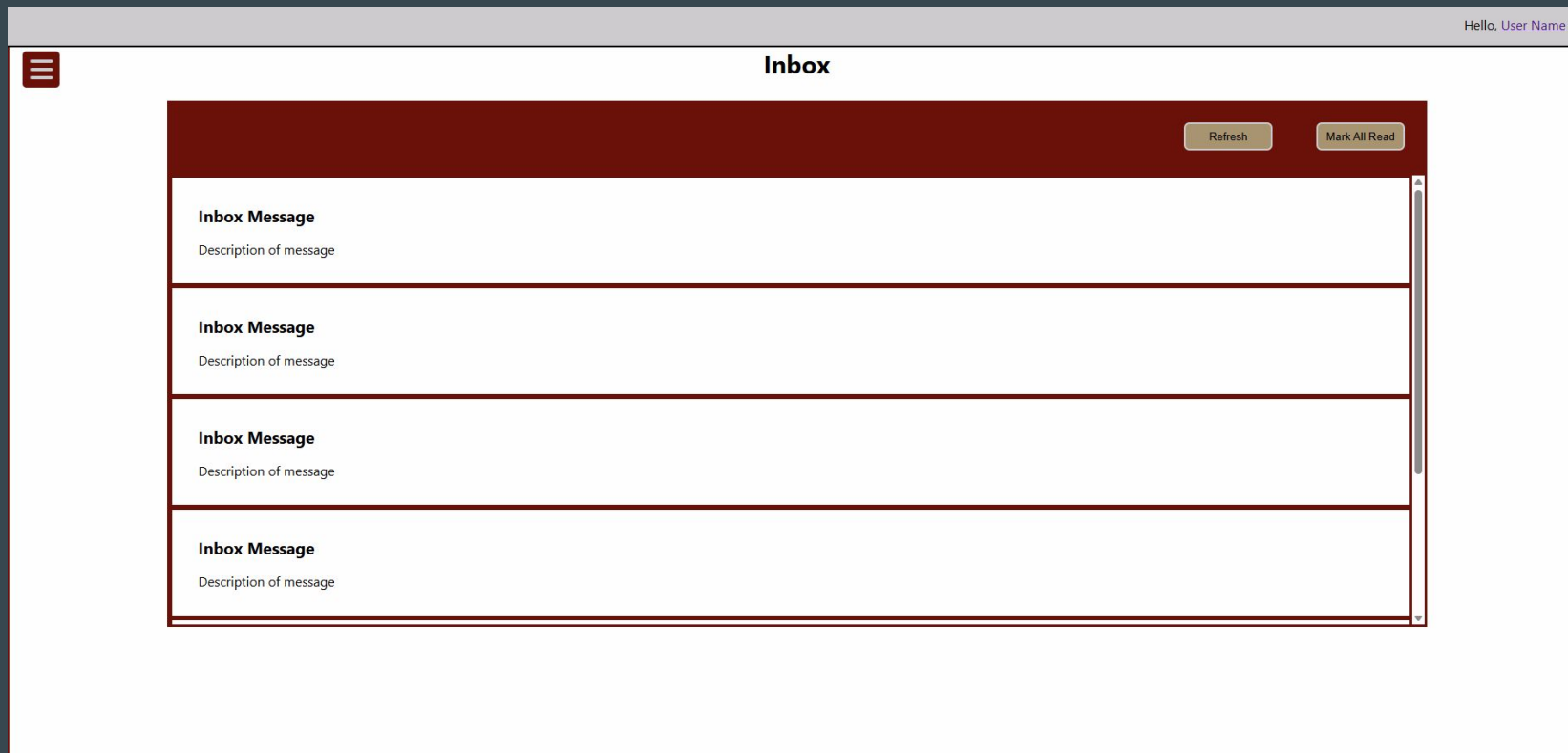| Task	Completion	Daniel	Chris	Alex	Luka	To do
Implement, Demo, Test Frontend	70%	50%	0%	50%	0%	Home page, standardize styling
Implement, Demo, Test Routing	50%	0%	100%	0%	0%	Add more api routes and refactor middlewares
Implement Form Editor	30%	0%	20%	0%	80%	Form modification, and publishing
Implement User Views	60%	0%	0%	100%	0%	Debug once database is functional
Implement Database	70%	0%	0%	20%	80%	Test and demo current implementation
Implement simple form	70%	70%	0%	0%	30%	Test and demo current implementation

Implement, Test, Demo Frontend

Pages added:

- Inbox: Simple first implementation with no functionality
- Settings/Account: Implemented with necessary components
- Form List: Implemented to show only the forms that are public in the backend
- Navigation: A sidebar menu which helps users navigate the app, full functionality

Functionality added:

- User Views: Allows for frontend components to pass user information to each other
- Form submission: Removed default functionalities and created custom fetch requests

Demo - Inbox

Inbox

Refresh   Mark All Read

Inbox Message

Description of message

Inbox Message

Description of message

Inbox Message

Description of message

Inbox Message

Description of message

Demo - Account Info

- Account
- Settings

Account Information

Email: jdoe2025@my.fit.edu

First Name: John

Last Name: Doe

Student ID: 900000000

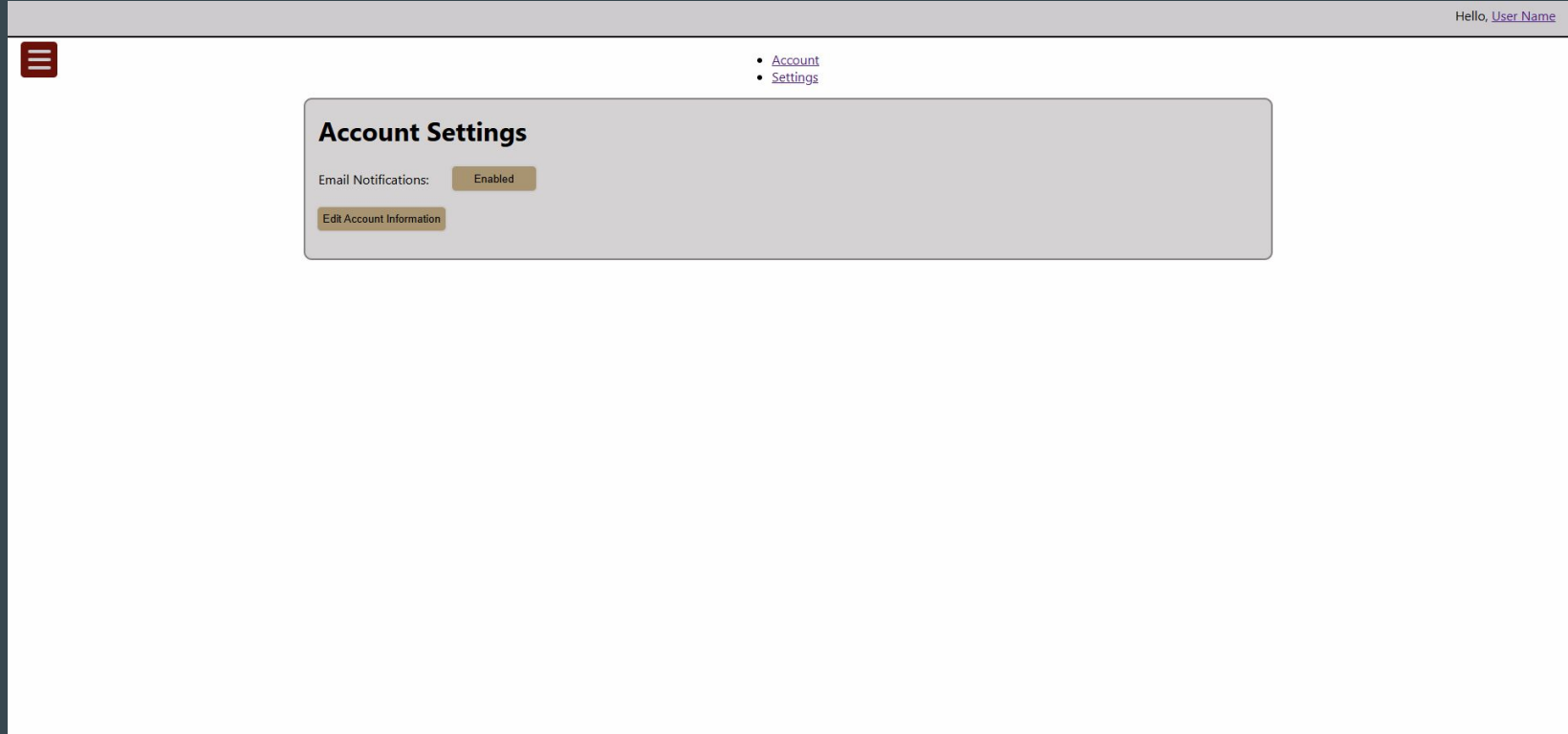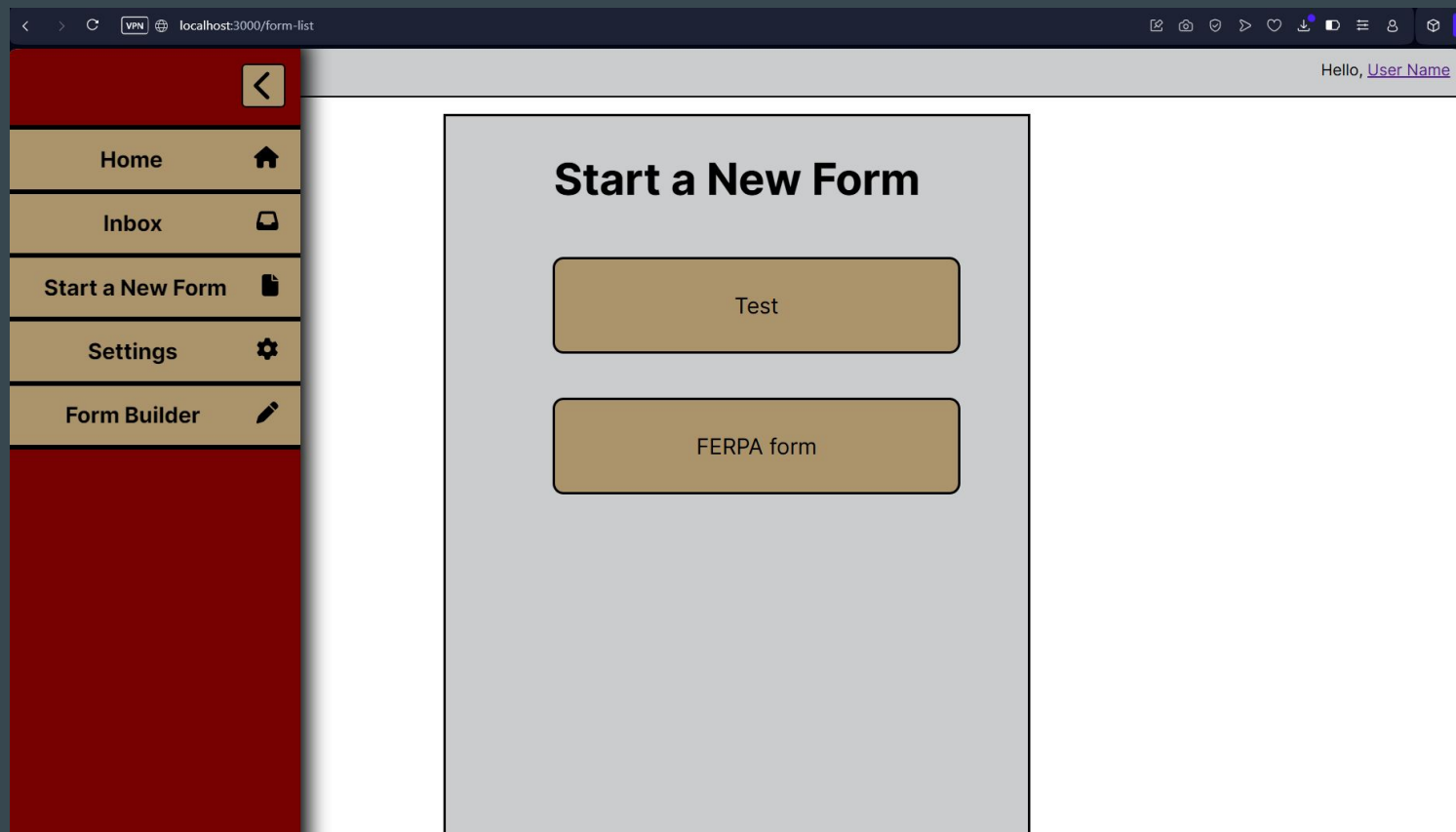Password: ********* [Show Password]

Change Password

Major: Computer Science

Advisor: Dr. Chan

Demo - Account Settings

- Account
- Settings

Account Settings

Email Notifications: Enabled

Edit Account Information

Demo - Form List + Sidebar Menu

Implement Simple Form

- Implemented a FERPA form layout
- Contains the same information as the current FERPA form accessible from the registrar

Next Steps:

- Ensuring consistent styling for all forms
- Create "active form" object in backend when a user chooses to start a form

Demo - Sample FERPA Form

FERPA Form

Student consent is required for the release of **personally identifiable information** such as semester grades, academic record, class schedule, current academic standing, student ID and/or Social Security number.

Students may consent to the release of **personally identifiable information** to others by completing this form. The Family Educational Rights and Privacy Act of 1974 (FERPA) allows disclosure of personally identifiable information without student consent to:

- certain government agencies/officials,
- sponsoring agencies,
- outside contractors performing a service for the institution that the institution would otherwise perform for itself,
- National Science Foundation surveys as authorized by Congress,
- subpoenas/court orders, select law enforcement agencies, and
- selected school officials on a need to know basis who have defined legitimate educational interest in such records.

This request will remain in effect indefinitely, until the student named below notifies the Office of the Registrar otherwise in writing.

I give permission for the individual(s) named below to request in writing copies of my academic grades and transcript (fee required for official transcript), financial status, payment information and other personally identifiable information contained in my university records. University policy requires a written request to obtain these documents.

Student Information:

Last Name [Last Name]

First Name [First Name]

Middle Initial [Middle Initial]

Student ID Number [9XXXXXXXX]

☐ **Yes, I authorize the release of information to the parties listed below:**

Third party name [   ] Relationship [   ]

Third party name [   ] Relationship [   ]

Third party name [   ] Relationship [   ]

Student Signature [   ] Date [mm/dd/yyyy]

[Submit]

Implement, Test, Demo Database Interactions

- User registration and sign-in is implemented and user information is saved to the database
- Form templates are implemented and can be accessed from the form-list and form builder pages

Registration Demo Video

Sample Form Demo Video

Milestone 3 Tasks

- Implement, demo, test frontend
  - Continue implementing user-level views (i.e. admin vs. advisor vs. student level views)
  - Continue working on user registration/authentication, and begin working on form tracking UI
- Implement, test, demo form editor
  - Begin designing/implementing form modification UI
  - Add options to add form elements such as text, formatting, input fields, etc.
  - Setup saving/retrieval of form templates for modification and use
- Setup AWS Hosting
  - Begin migrating test environment over to an AWS server
- Implement, demo, test database
  - Improve storage/retrieval of user information
  - Begin implementing storage/retrieval of in-progress form lists, form templates, and form field data derived from user inputs on form submissions

Milestone 3 Task Matrix

Milestone 3 Task Matrix:

Task	Daniel	Chris	Alex	Luka
Implement, Demo, Test Frontend	33%	17%	33%	17%
Implement, Test, Demo Form Editor	33%	17%	33%	17%
Setup AWS hosting	33%	17%	33%	17%
Implement, Demo, Test Database	0%	50%	0%	50%

Any Questions?

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