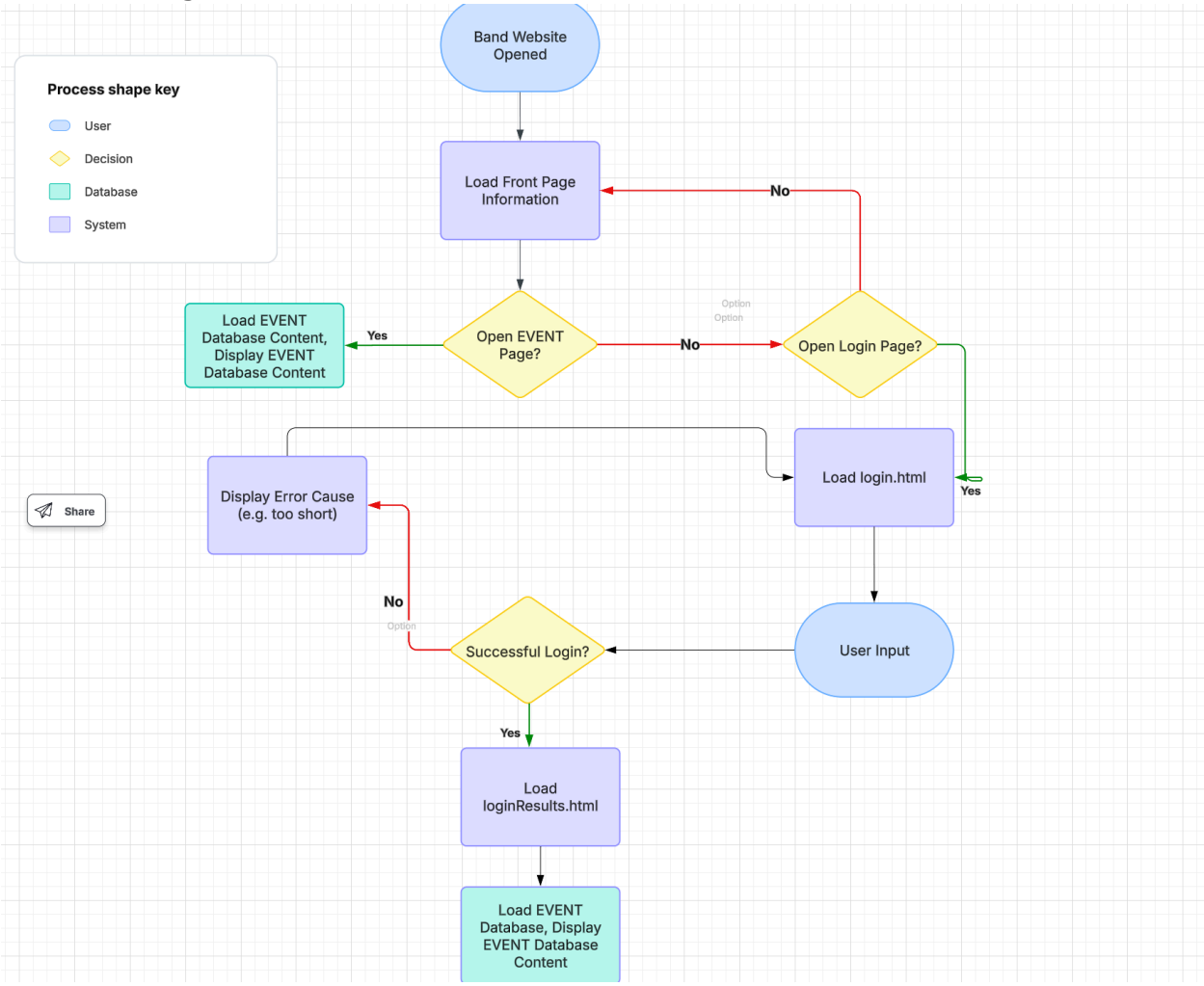
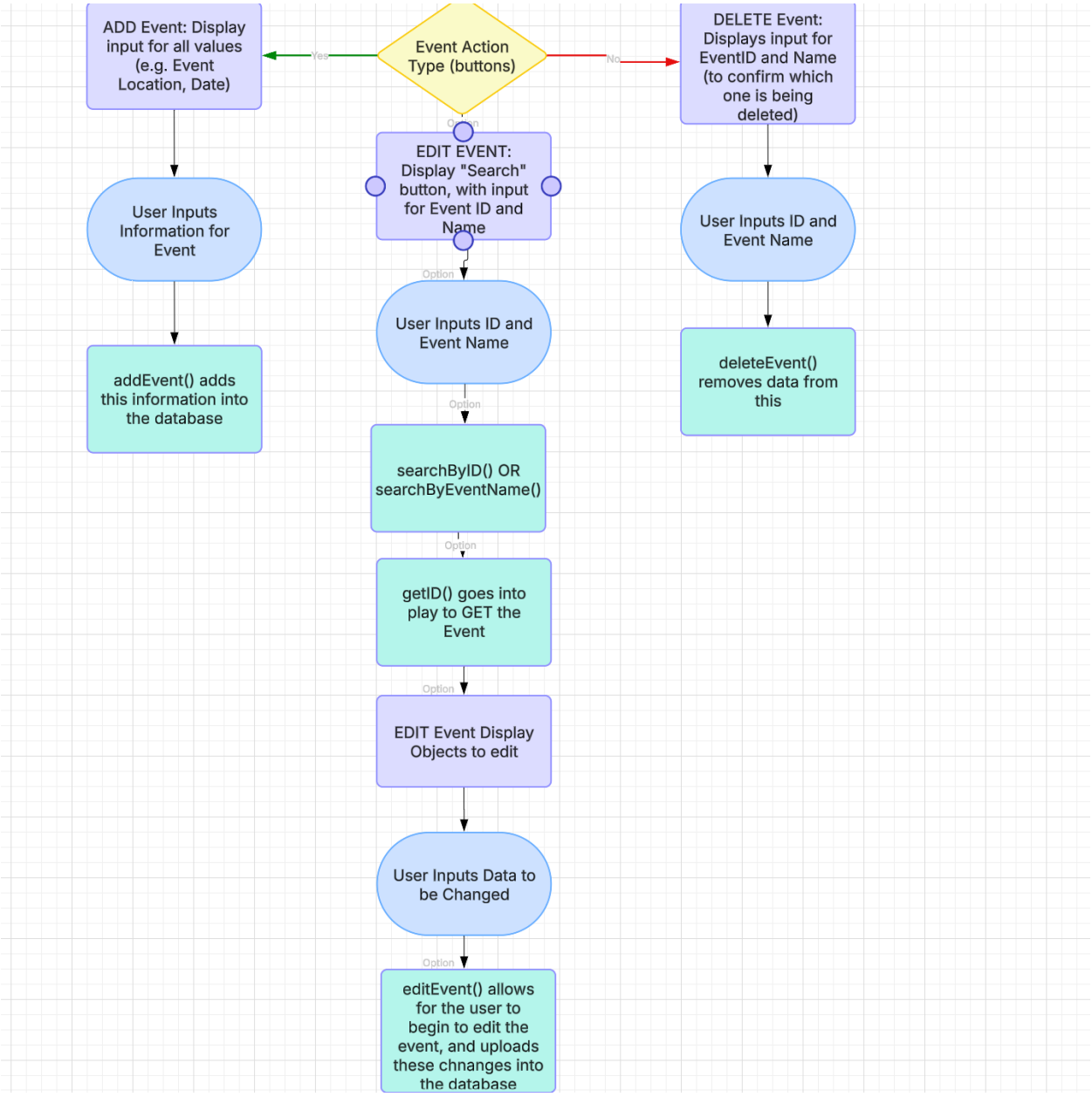
Criterion B: Design

Designs of Applications:

Data Flow Diagram

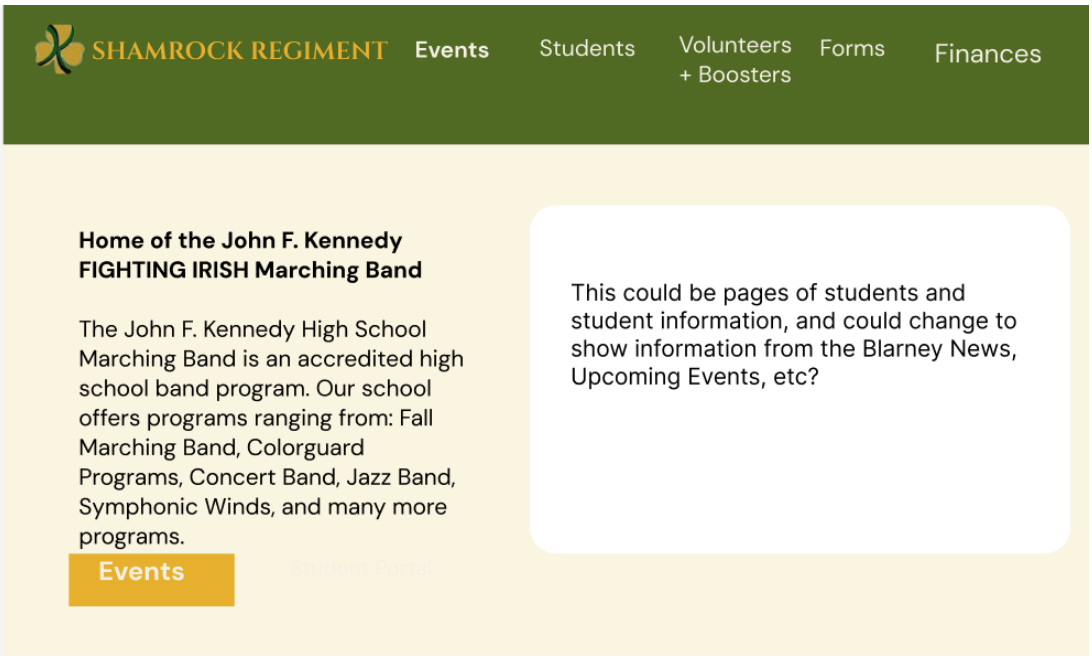




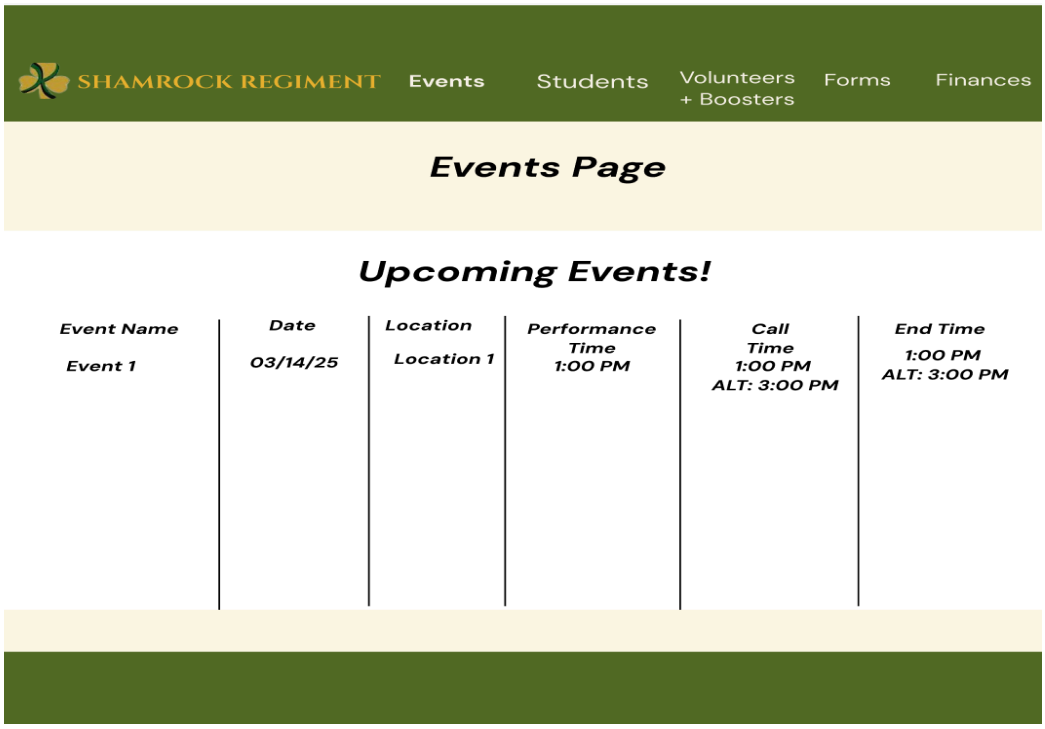
All UML diagrams made through LucidChart

Sample Designs

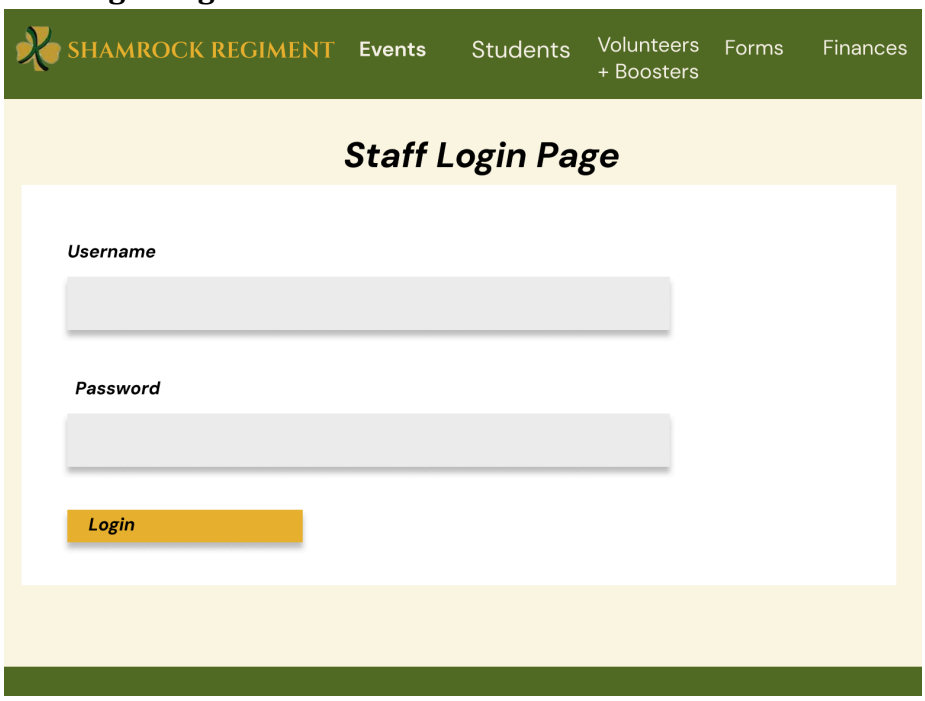
Front Page



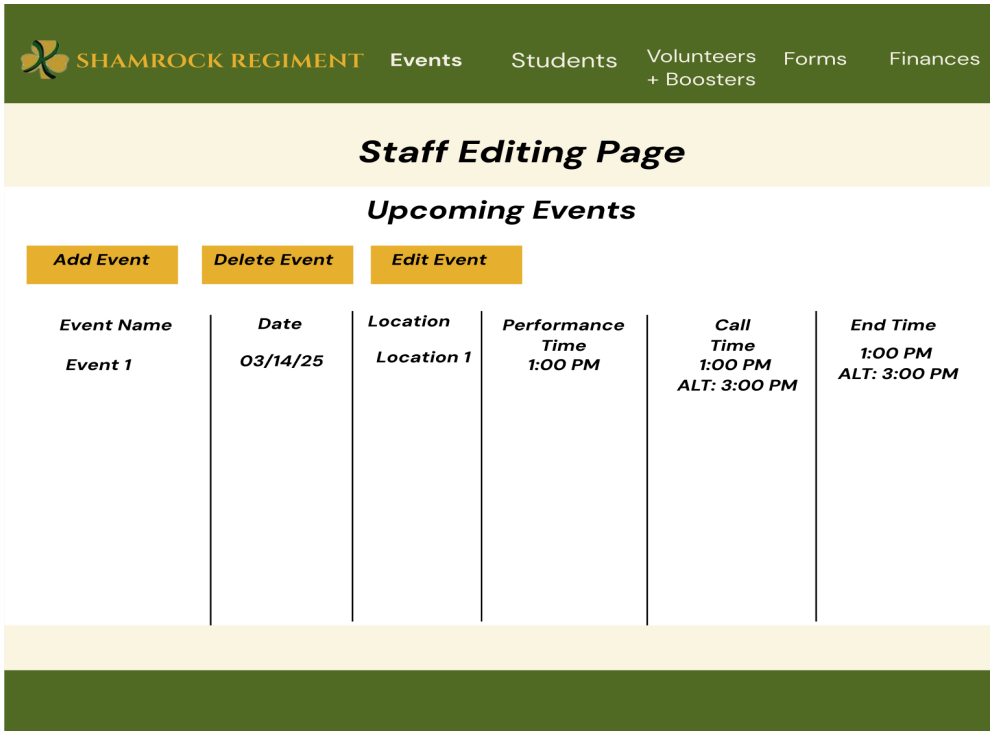
Sample Events Page



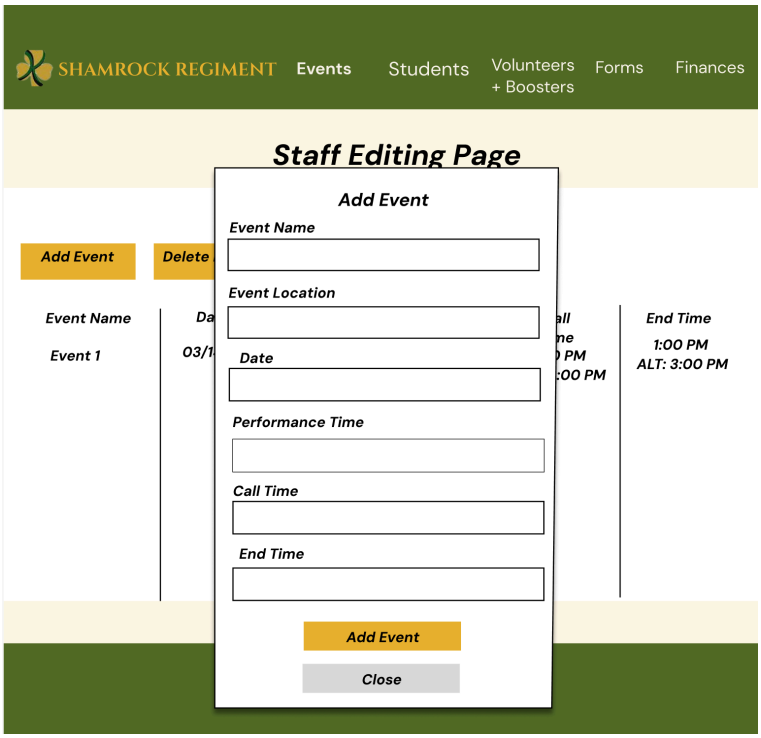
Staff Login Page



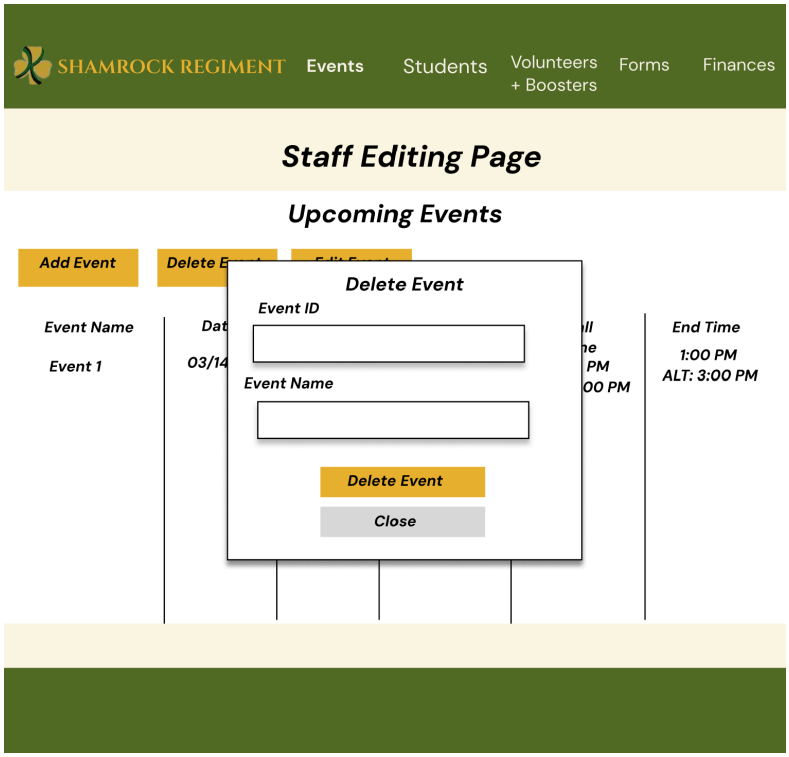
Staff Editing Page



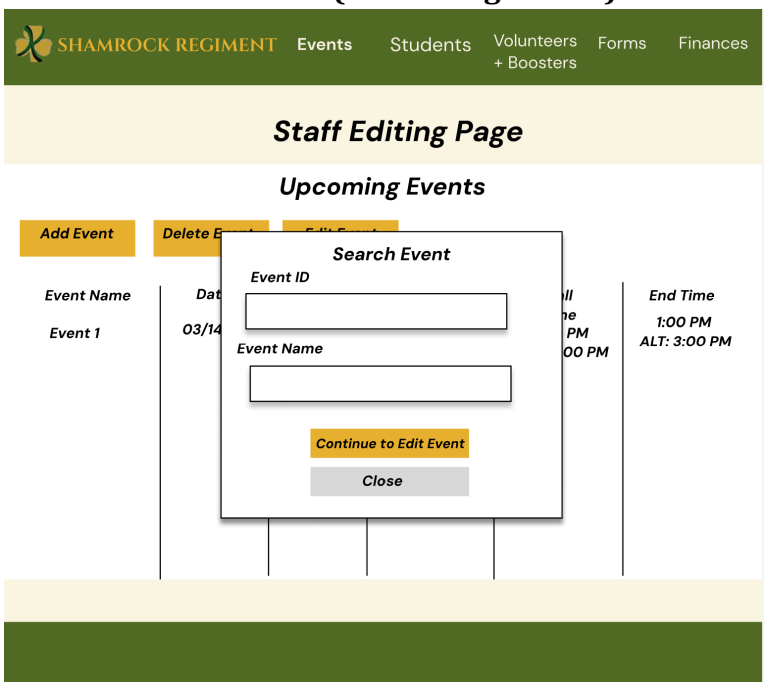
Add Event Function



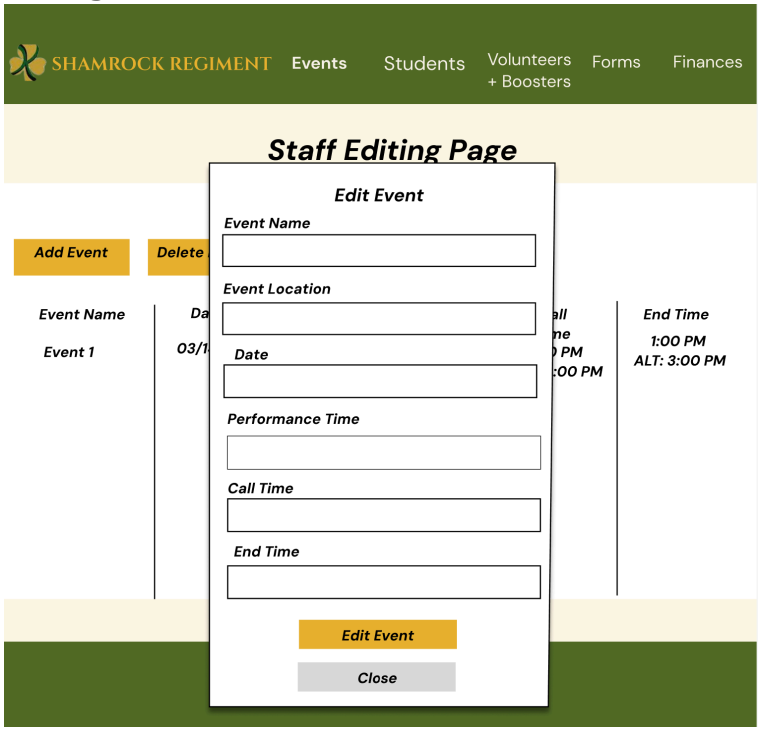
Delete EventFunction



Search Event Function (for Editing Events)



Editing Events



Test Plan

Test Type	Nature of Test	Example
Upon starting the EVENTS page, the page should display a list of events.	This shows if the database is connected to the website at all, and tests if these are able to display properly.	When opening the page, all the current events should display immediately.
Users should be able to search for an event by event name, causing the EVENT datatable to alter temporarily.	This shows if the database is able to be displayed in a dynamic way. This shows if the “GET” and “LIKE” function is working in the database.	When searching for a specific event, the database should only display events that match the searched title.
In the STAFF Login page, the page should only allow specific inputs.	This shows if the LOGIN function is working, and is able to accept only specific inputs. This allows for security in the website system.	When logging in, the login page should not take you to another screen if you fail to input the coded username and password.
In the Staff Event Page, the user should be able to use CRUD functionality using the buttons present.	This shows if the database is able to accept input from the forms created in CSS, and also if it is able to accept input from the database. This tests the CRUD functionality overall, in its ability to add, edit, and delete events.	When using the “ADD” function, the new event should be displayed immediately after the event modal is closed. For the “EDIT” and “DELETE” buttons, the event information should be displayed before, to ensure that users are editing and deleting the correct event.