Requirements Report

Functional Requirements

- **Database Backend Connection**
  - The backend of the database needs to be deployed and connected to the web app. This way we can save the form data submitted by students and/or faculty for the STEC coordinator to view on their admin dashboard.
- **Create Admin Dashboard**
  - The dashboard will be visible only when the STEC coordinator logs in. The dashboard will give the ability of the admin to view all the forms that have been submitted and to approve any that meets their requirements.
- **GGC Email & Password to Sign-in/Register**
  - There must be a function that only allows students and faculty to sign-in/register using their GGC email and password. Any attempt to register with a non-ggc email will be invalid and must fit those criteria for security purposes.
- **Add STEC Form 4200**
  - An additional sign-up form must be added. It must be integrated to the existing site with the other STEC forms. The form will be created from scratch.
- **Form Signatures (Electronic signatures)**
  - Written signatures will no longer be accepted, and all signatures will be signed electronically after completing the form.
- **Time-Out Functionality**
  - Since there will be many students and faculty that will log-in to the page using a school computer, a timeout functionality should be implemented. Within 30 minutes of no activity on the page, the current user will automatically be logged out from their account.

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Non-functional Requirements

- **Navigation bar on the side of page**
  - A navigation bar will be on the side of the page. There will be buttons that lead their specific said forms. This will help filter all the submitted forms to prevent all forms being together.
- **Filter Search Bar (semester, course number, faculty mentor)**
  - On the admin page near the header, a search bar will be placed to help filter search through all the forms in the database. Using special tags of semester year, course numbers, or a faculty mentors last name, the admin will be able to specify their search to specific related forms.
- **Save Form Data**
  - For the students/faculty side, a feature to save incomplete forms to complete later will be added. This will prevent the need to redo the entire form if not finished in one sitting.
- **Submitted Forms and Approve Filters**
  - For the admin side, two buttons near the header will filter all forms in the database between forms submitted and awaiting approval, and forms that have already been approved by the admin. This will help the admin filter through the necessary forms in a timely manner.
- **Notification of New Submissions**
  - When the admin logs in and gets taking to the main dashboard, the main page will show the recent submissions with the most recent starting on the top. This will help to getting the forms worked on from the time they came in (first in, first out).
- **Change Design in Login/Registration Pages**
  - Design changes to be made mainly in the Login and Registration pages for a sleeker look. Pictures will be sent from the STEC coordinator to be used in the background. Also the pages will be screen friendly to adjust whether on desktop or mobile.