

CMSC451 - CS-24-333

Developing a Central Hub for Gender Outcome Programs in STEMM Project Proposal

Problem Statement

1. Women are very underrepresented in the STEMM field and our main goal is to create a main database to provide information on how to promote gender equality in higher education!

Business and Functional Requirements

Must Have:

1. Building a database that serves as a central hub for university administrators to access.
 - a. Easy to navigate
 - b. Be able to filter information (via fillable forms or search bar)
 - c. Dynamic website/easy to manage and update
2. Quality information.
 - a. Efficiently find papers that meet criteria.
 - i. Check “could have’s”
 - b. Manually sort through papers that are automatically found.
3. Publications linked on website

Could have:

1. Social network
 - a. Ability to comment and communicate with other users
2. Automatically gathered information
 - a. Using chat gpt to find relevant papers

- b. Using chat gpt to tag papers with keywords

Won't have:

1. Back end database
2. Papers readable on website
3. Exhaustive search of papers
 - a. Will be able to add more later on

Stakeholders

1. Susan Kornstein
2. Molly Hyer
3. Amy Olex