

The Redesign of Trentoniana

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<https://github.com/TCNJ-degoodj/stage-2b-group-2>

### **Project Proposal Pitch and Specifications**

**Problem Statement:** There are a lot of different recordings on the site; however, there aren't many categories for the user to filter these recordings. Also, there is very limited metadata on each recording. The topics category is vague and unhelpful. Additionally, these recordings are inaccessible to the hard of hearing, as there are no written transcripts available.

**Objective of the Module:** Our objective is to make it easier for the user to navigate through this website and find the recordings that they want to listen to. We will do this by including categories that the user can filter by. We will also include the written transcripts. The categories created will be based off of both the transcripts and the metadata. They both will include information that we can use to make the data for our categories, and these categories will be helpful to the user while searching and navigating through the site.

**Description of the desired end product, and the part you will develop for this class:** Our desired end product is a web based user interface that organizes a collection of recordings and transcripts. We will redesign the search process by adding categories to filter by, include written transcripts of the recordings in the website, and redesign the UI to look more user friendly and approachable.

**Description of the importance and need for the module, and how it addresses the problem:** The interface is currently not very user friendly, so the addition of more categories to filter by can make it easier to navigate and find specific recordings and transcripts. The way a website looks can affect how the user perceives it and right now, the website looks dated. To address this issue, we will redesign the UI to look more user friendly and approachable. Currently, there are no written transcripts so the hard of hearing cannot access these recordings; we will include written transcripts in the website.

**Plan for how you will research the problem domain and obtain the data needed:** Analyze the current website, recordings, and written transcripts transcribed by the LNG class.

**Other similar systems / approaches that exist, and how your module is different or will add to the existing system:** Currently, the website has some categories that it can filter by, so it does have queries in place; however, these are not particularly effective. The redesigned search of our module will make navigation and search easier and quicker. A similar system is the [Schomburg Center](#), which has a digital platform with podcasts, live streams, online exhibitions, oral history projects, and more. However, their website seems very "crammed" and has an overwhelming amount of content put all in the same place; which makes it harder to navigate and can confuse users. Our site will be easier to navigate and we will make sure not to overwhelm users with content. We want to be clear and thorough but efficient. Their website

also does not include filters; however, our module will include filtering options so that users can find what they're looking for faster.

**Possible other applications of the system (how it could be modified and reused):** The general idea of our system can be applied to other archives in general. Any collection of media, recordings, or even text can be filtered based on relevant categories. Essentially, by changing the categories used, our system could be molded to fit another collection of digitized materials, where the user can filter based on those categories.

**Performance – specify how and to what extent you will address this:** The users of the website will be able to filter the recordings by different categories and will also have access to written transcripts of the recordings when they find what recording they want to access. Some examples of categories are speaker name, the decade that the recording is about, the speaker's country of origin, and the date of recording (which is already there, but we will include it for consistency). Some other examples are whether or not the recording refers to a family business, what the gender of the primary speaker is, the number of speakers, and whether or not the speaker is Jewish (which is already under the topics category on the website, but we will include it for consistency and make the UI for it more appealing).

**Security – specify how and to what extent you will provide security features:**

Different tiers of users (ex. head librarian who has access to the entire database and can make any modifications).

**Backup and recovery – specify how and to what extent you will implement this:** Every day at midnight, our project will create a backup copy of the database.

**Technologies and database concepts the team will need to learn, and a plan for learning these:** We need to gain experience with front end development, we need to learn how to create a database as well as how to query, we need to learn how to back up a database (as well as making it backup daily at a specific time), and we need to learn how to best maximize performance.

A diagrammatic representation of the system boundary that specifies what data you will model and which queries you will implement:

Selected Categories (Filters)  
Ex: Jewish is true, Date Recording  
is about = 1920, 2 speakers

↓  
Queries

## Database

Recording ID/Name	Speaker Name	Decade Recording is About	Speaker's Country of Origin	Date of Recording	Family Business?	Jewish?	Gender of Speaker	Number of Speakers
Recording 1								
Recording 2								
...								
...								
...								
...								
Recording 73								
Recording 74								

↓  
Filtered Result(s)

## 1-page quad chart:



# The Redesign of Trentoniana

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## Need

- A web based user interface that organizes a collection of recordings and transcripts.
- The interface is currently not very user friendly, so the addition of more categories to filter by can make it easier to navigate and find specific recordings and transcripts.
- Redesign the UI to look more user friendly and approachable. The way a website looks can affect how the user perceives it and right now, the website looks dated.
- There are no written transcripts so the hard of hearing cannot access these recordings. We will include written transcripts in the website.

## Approach

- Redesign the search process by adding categories to filter by.
- Make sure there are transcripts for all recordings.
- Redesign the user interface for a more appealing visual.

## Benefit

- Easier for the user to navigate and find what they're looking for.
- The hard of hearing, and anyone else who is interested, will have access to transcripts of all recordings.
- The more modern and appealing design will be more welcoming for users.

## Competition

- Redesigned search will make navigation and search easier and quicker.
- All recordings will have a transcript.
- Redesigned and updated user interface will be more welcoming for users (compared to current dated UI).
- The Schomburg Center site (which is a digital platform with podcasts, live streams, online exhibitions, oral history projects, and more) is very "crammed" and can be very overwhelming for the user. Our site will be easier to navigate.
- The Schomburg Center site did not include filtering options, whereas we will have filtering options.