

# Trentaudio

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# Need + Approach

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## Need:

- A user-interface that's easy to navigate, easy to search in the database, and quick to retrieve search results
- To search by keywords that describe the content
- To see what each file is about without having to read/listen to the entire file
- Security so files can't be changed without permission

## Approach

- Rely on user comments to classify metadata about the files
- Rely on users to report errors in the transcripts (that admin reviews)
- List metadata for file in the search results
- Show transcript together with audio file
- Grant administrator access to all database features
- Only allow admin to add/change/edit files

# Benefits + Cost

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## Benefits

- Easier-to-navigate database will be more likely to be used by people doing research and will receive more internet traffic from it
- The librarian will not have as large a workload with reading/listening to files in order to find errors and meta-data
- Simpler, more efficient database will be easier for them to manage

## Cost

- Our user reporting error and metadata submission system is unique to our project and helps relieve workload on admin- not present in other systems
- Improves upon pre-existing Trentonian Library by being less confusing to use and having a better search function
- Attempt to improve upon efficiency of other databases