Project Proposal:
Honors Carolina Database For Resumes & Beyond

Conceptual pictures are just for explanation.
Final product can look very different - We're flexible.

The problem we see

- Honors Carolina: ***2000 students across all majors, colleges, and interests***
  - Resume templates are of limited use when there's so much variety

- Students benefit from seeing real sample materials - such as resumes and cover letters - that other students have created, but ***it's difficult for students to find strong, relevant samples for their needs***:
  - "How do I explain that project I completed for class?"
  - "How should I describe my study abroad experience?"
  - "How do I describe my restaurant job in a useful way?"

The solution we're hoping for

- **Database where Honors Carolina students can easily filter vetted resumes from other students to find relevant matches**

- Browser-based tool
- Does not store the files; instead is a tagging/filtering interface for existing databases
    - Files could be stored anywhere where a hyperlink grants access (Dropbox, Google Drive, Microsoft Shared Folders, AWS, etc.)
- Staff add tags for each file
- Students search for documents by tag
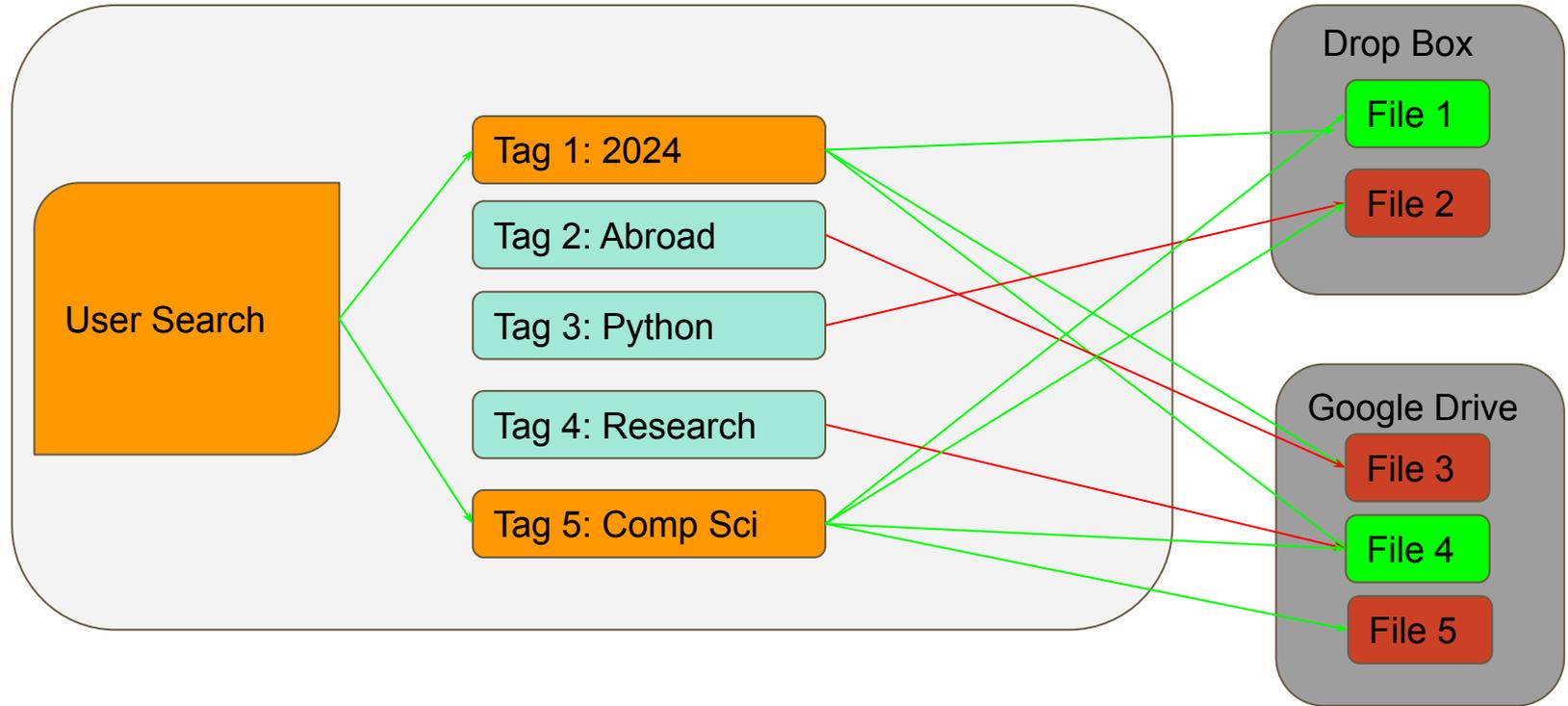- Adaptable beyond resumes

Tagging example

In this example, resumes are tagged based on:
- Document type (resume)
- Class year
- Experience discussed in the resume (Python, Java, etc.)

Search relationship diagram

User searching for Class of 2024 Computer Science resumes will get back Files 1 and 4
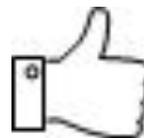
Workflow

Student drops resume into accepted location

Admin review of resume is triggered. Admin edits resume as needed (removes personal info, fixes typos, etc.) and adds tags

Admin grants permission for resume to be searchable within the interface

Users can find resume in search results, by filtering based on tags

Other features

- **3 role levels:** Admin, Super User, Student
- **Capacity:** Handle thousands of files, hundreds of tags, 3000 users, 200 concurrent users, each file can support up to 25 tags
- **Text search capability**
- **UI for**
  - Adding/removing/maintaining tag list
  - Adding/removing/maintaining user roles and active/inactive
  - Adding/removing/maintaining files (including tagging and marking files as personal info removed and consent received)
  - Users to search/access files based on tags
    - Tags are controlled list
    - Tool shows list of files that have those tags
      - The files may have more tags then the ones the user selects
      - The files may not have less tags then the ones listed (or best match ordering)

"Nice to Have" features

- Administrator Maintenance/Trending Reports
  - Ability to see tags with no files and files with no tags
  - Search History/Metrics: by Tag, by File, by User
  - File history change log (who added file, who added tag, etc.)
  - File access history (Most opened file, least opened file, etc.)

Honors Carolina thanks you for considering this project!