

Collaborative Note Sharing

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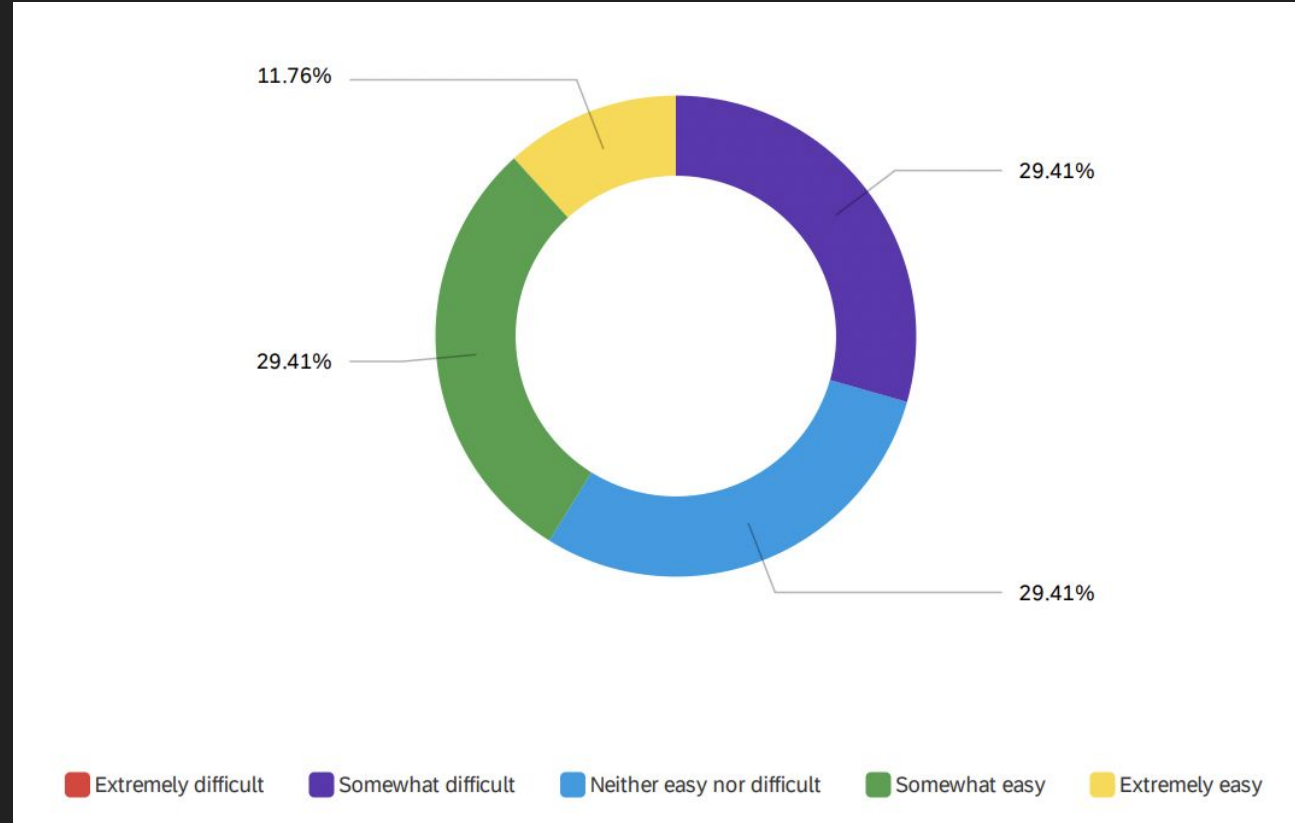
The Problem

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- Lack of student-to-student sharing
- Access to course materials
 - Can we still further improve access to and breadth of materials?
- Students would like access to previous semester notes, tests, and grades
- No current way to easily share your notes and resources with future students

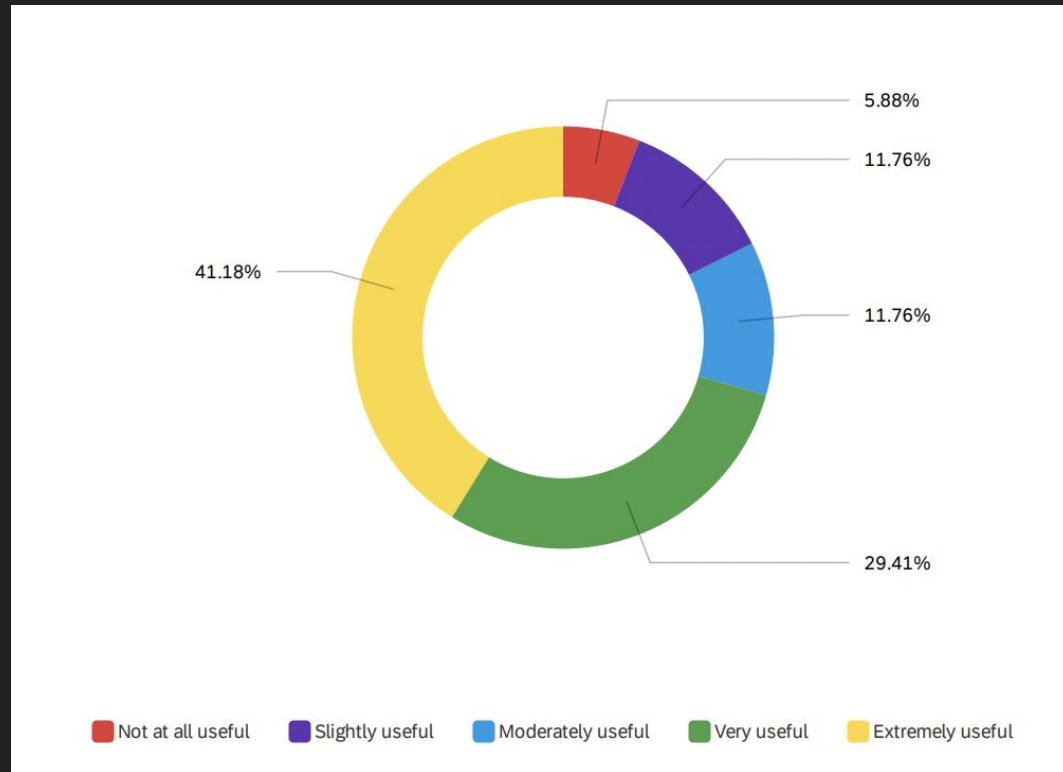
How difficult is it currently for you to access study materials for your classes?

- Most do not find accessing class resources is difficult



Would you find sharing information (like notes, perspectives, and preparation material) in a permanent way between semesters for a class useful?

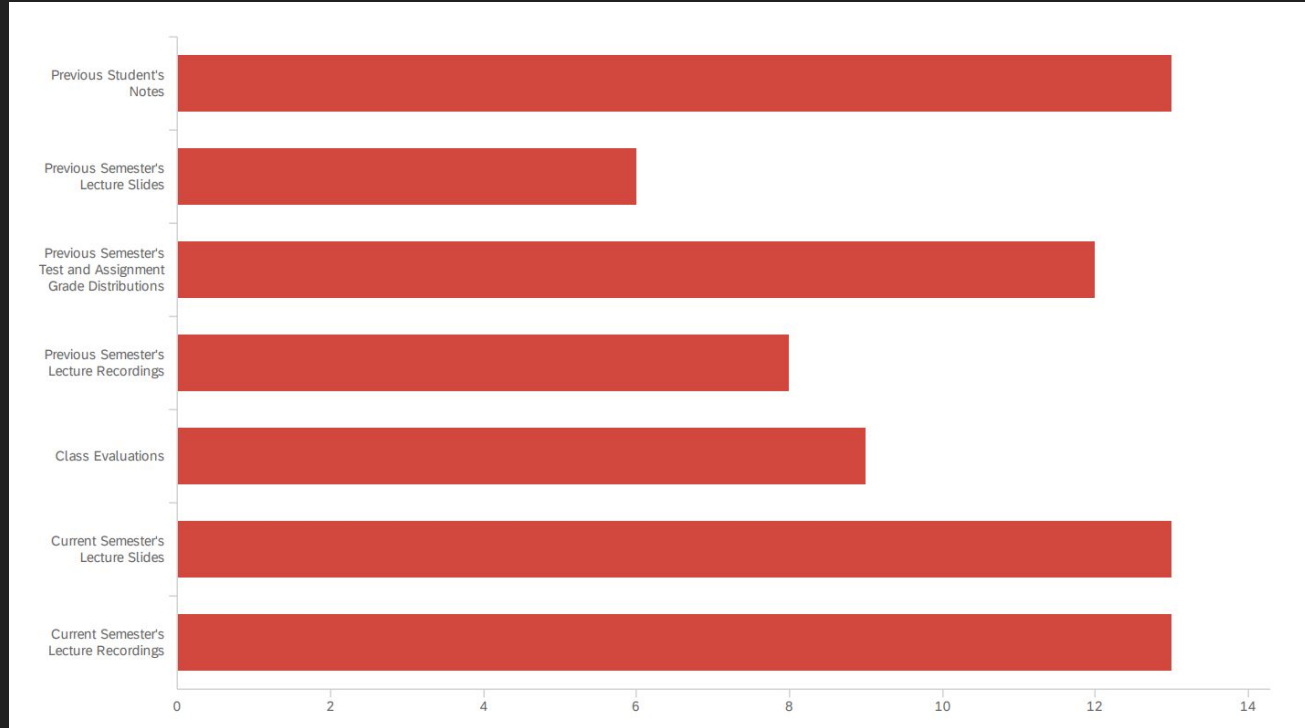
- Significant amount agree that sharing information between semesters would be very useful



What kind of shared materials do you think would best help you learn?

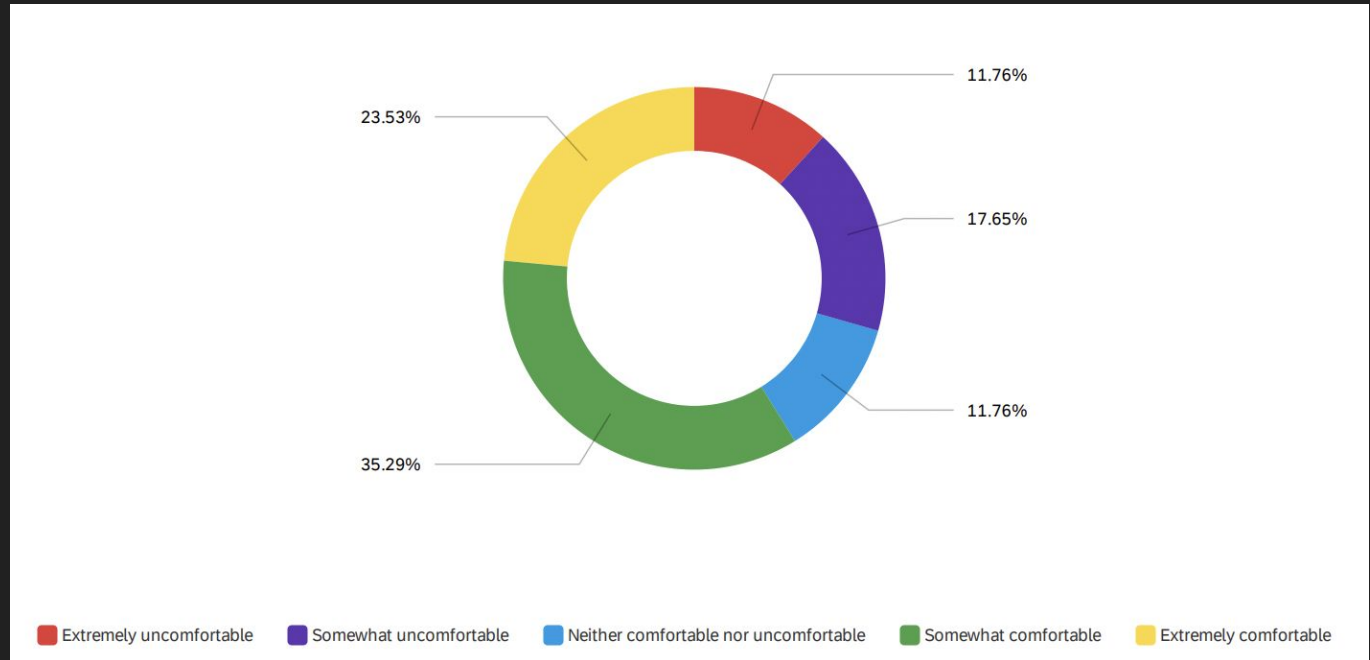
In particular:

- Previous semester student notes
- Previous semester test and grade distributions
- Not as interested in previous semester lectures



Would you be comfortable sharing your notes (in a secured way) for a class after the end of the semester?

- Most students are willing to share their notes



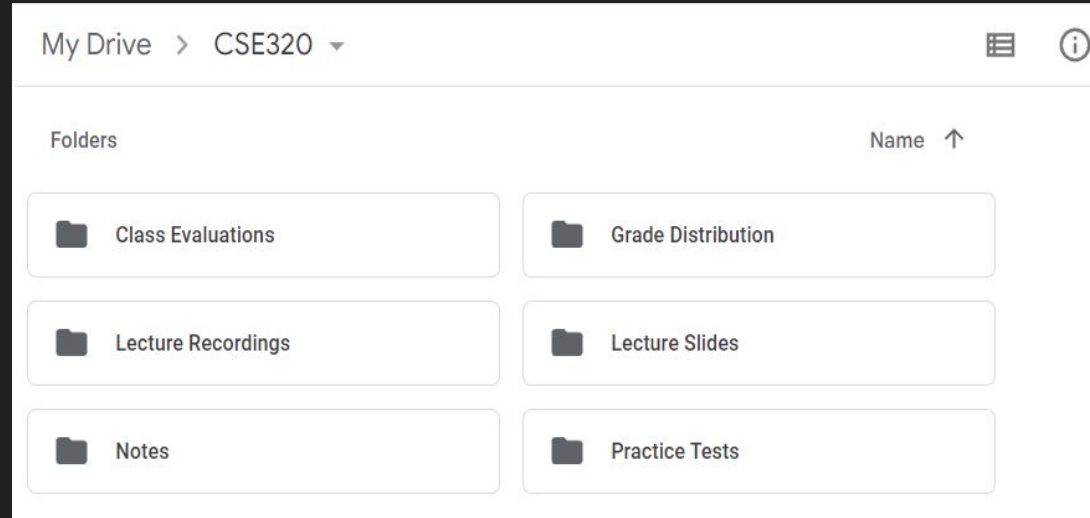
What does exist?

- GroupMe/Discord
 - Chatting, direct communication
 - Information is easily lost, unorganized
- Classie Evals
 - Student reviews of professors and classes
- Piazza
 - Per semester only, Q&A forum, student questions unorganized

Solution

Solution

- Permanent note sharing platform for each class to host files
- Each class will have a corresponding Google Drive folder with different subfolders



Access

- Links will be posted on SBU's undergraduate bulletin under courses
- All students can access the files for any class as long as they use their SBU email

CSE 320: Systems Fundamentals II

This course introduces C programming and essential concepts of operating systems, compilers, concurrent analysis, focused around several cross-cutting examples, such as memory management, error handling programming. In this course, operating systems concepts are considered from the point of view of the user and the focus is on APIs for interacting with an operating system. A companion course, CSE 306, considers the same concepts from the point of view of the OS kernel implementer.

Resources for all students:

<https://drive.google.com/drive/u/1/folders/1e9yhAp7P88BB7Fte6Uo2Vuqw6q5SWVa>

Form to submit your files:

<https://forms.gle/iDLL3VNFaqEZ3gyS7>

Prerequisite: C or higher: CSE 220 and CSE major.

3 credits

Regulation

- All files submitted by students will be reviewed by faculty members and TA's first
- Approved documents will be added to the respective Google Drive folders

Submission Request: CSE320

This is the form to submit a file for the corresponding class listed in the title. Note that all files will be inspected before being added to the shared Google Drive. Files against our guidelines or unrelated files will be disregarded. Please consult with your professor first on what's appropriate to upload.

Full Name (first, last) *

Your answer

What type of file are you uploading? *

- ☐ Class Evaluation
- ☐ Grade Distribution
- ☐ Lecture Recordings
- ☐ Lecture Slides
- ☐ Notes
- ☐ Practice Tests

Upload your files here *

 Add file

Submit

Clear form

Change Agents

Who, How, and Why

Who the change agents are and how the Change Agents will help achieve this goal:

- Professors: Professors will have to either delegate or manage the boards themselves.
- TA's: TA's will likely be the ones who manage the guides.
- Faculty: Set up the access links through the Stony Brook website.
- Submitters: Students already share notes between each other, and would simply submit them to the platform instead.

Why is it worth it?

Faculty regulation of this platform will lead to better materials for the students to study and learn from. This will lead to having more informed students, which will be better for everyone and not just the students.



Benefits to Non-students

- Less or Near Equivalent Work.
- Better Grades.
- Potentially less Academic Dishonesty.

Comparison/Improvements

A Comparison

- McGill University's OSD has implemented a note-sharing peer system in which students that may have disabilities that prevent them from taking notes can request for someone else in the class to volunteer to share their notes with them.
- Although slightly different, our solution similarly allows for students to volunteer to share their notes with their peers.



A Comparison

Collaborative Note Sharing:

- Students volunteer to share their notes with all of their peers and future students.
- Shared material will be verified and checked by a Professor/TA.
- No current incentivization for students to volunteer sharing their material.

McGill Note Sharing:

- Students volunteer to share their notes with a single peer with disability accommodation.
- Only a random selection of notes are checked but notes for all courses are not verified in terms of quality or accuracy.
- Incentivizes students by providing 10 hours of volunteer service per course and entered into a raffle for \$50 gift cards.

Drawbacks/Improvements

- Our system does not provide students with any form of compensation for sharing their notes.
 - We could provide volunteering hours or have students be incentivized with gift cards similar to McGill.
 - Another option would be giving out awards/recognizing students who have contributed the most to sharing their notes.
- Logistics wise, our idea would need the cooperation of professors/TAs in all departments on campus.
 - A start would be to get the Undergraduate Office for each department to agree to utilize our solution.
 - They would help in promoting this system and budgeting in terms of incentivizing.

Results

Expected Results

- Students will be better prepared for the incoming semester for their classes and there will be more communication between peers between years.
- With the use of previous semester notes, students can study with more information and therefore perform better in the class.
- Decrease stress and increase learning potential for the students due to access to more vetted educational material.
- Professors/TAs will receive less questions as students have more information to refer to.

Review

- From our survey, we can see there is a desire for a collaborative note sharing platform here at Stony Brook.
- This can be accomplished using Professors, TAs, and students as change agents to help push the idea forward.
- Implementation of this idea will help students be better prepared for new classes and have more information and statistics to guide them through the semester.



Questions?