Kailey Epp
Jessica Sanborn
CSCI 3002

Design Research

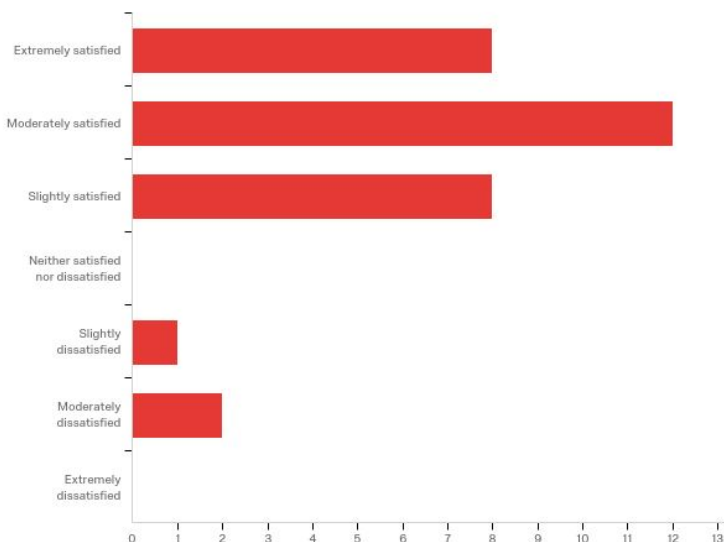**Part 1:** **Design Research Summary**

Type of Research Conducted: Survey
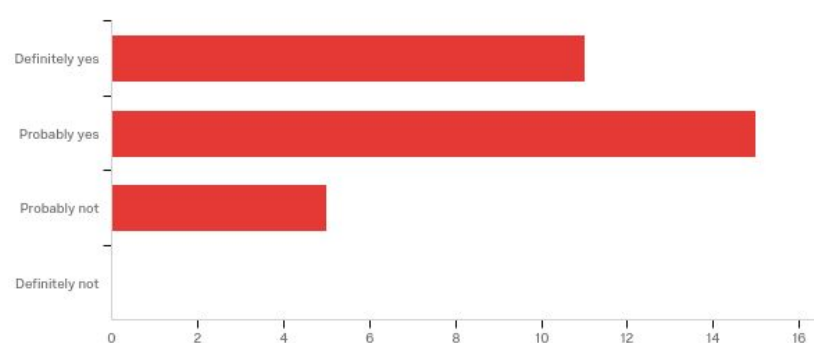
Researched by: Kailey Epp

Who I conducted my research with: For the survey I was able to share a qualtrics link and send it to several different facebook pages, where student around CU and some of my friends going to colleges out of state were able to take the survey. The main demographic I reached was 4th year college students.

Data collected: In my research I found that most students were pretty satisfied with their grades but also agreed that their study methods could use some improvement. Most students also agreed that they are forgetting material from classes sometimes. The thing that I found to be most interesting was that the majority of students were satisfied with their grades but also responded that their study methods could use improvement. This is either the case that people accept their grades even if they did poorly or students are always looking for ways to improve.

Are you satisfied with your grades?

Do you think your methods could use improvement?

<u>Type of Research Conducted:</u> Interview

<u>Researched by</u>: Jessica Sanborn

<u>Who I conducted my research with</u>: I interviewed many CU students and while most of them were 2nd years, I was able to reach a variety or majors.

<u>Data collected</u>: In my research I found that most students thought that they could improve the way they study whether it be to procrastinate less, or to talk to their professors more often. I also learned that the most common test format is multiple choice and whenever professors provide study guides, students usually use them and find them very helpful. This information will be very useful for our project as we want to create an application to help students study for exams by using information collected from students to create quizzes and flashcards. We also plan on combating procrastination by setting reminders to complete these quizzes and when asked if students find phone reminders annoying or useful, most said that they find them useful but would like the ability to alter the frequency of the alerts.

Part 2: Group Reflection

Meeting Time: Sunday 10/28/2018 at 4:00pm in the Engineering Center

People at meeting: Kailey and Jessica

Notes:
- Our findings were pretty similar, in the fact that most students thought that their study techniques could use some improvement, overall students were looking for better ways to study and remember the material. Also we found that most students are not all too keen to phone notifications, and that they are less likely to use our reminder system.
- With this data we can assume that there is some sort of market for our app. We do need to address the fact that most students do not listen to phone notifications and are less likely to use the reminder function to review material.
- Both data collection processes were pretty useful. While the survey was able to get us more responses and confirm the demographic, the interviews were able to get us more in depth answers and help us gauge actual human emotion/response to the questions.
- If we were to collect more data we would want to know more about freshman students. The kids on their 3rd and 4th years are pretty tuned into the system and what works well for them so our app might be more of a valuable resource for Freshman and Sophomore kids.

Part 3: Appendices

Survey Report: [Link to PDF](#)

[Link to Survey](#)

Interview Questions:
1. What is your major?
2. How satisfied are you with your most recent test scores?
3. What is the most common format of your exams?
4. How many days do you usually start studying before a test?
5. What ways to do find yourself studying most often?
6. What do you wish you did more of to help prepare for an exam?
7. Do you think you could improve the way to study?
8. Do any of your professors provide study guides or practice tests, and if they do, do you use them?
9. How often do you find yourself doing something other than taking notes and listening during lectures?
10. How do you take notes in lectures?
11. Do you find phone reminders useful or annoying?