References

Angeles, S. (2014). *Dropbox for Business vs. OneDrive for Business*. *Business News Daily*. Retrieved 13 November 2015, from http://www.businessnewsdaily.com/6067-dropbox-vs-onedrive.html

Ashley, D. (2009). *A Teaching with Technology White Paper: Collaboration Tools*. Retrieved 14 November 2015, from https://www.cmu.edu/teaching/technology/whitepapers/CollaborationTools_Jan09.pdf

Banga, S. (2013). *What are the pros and cons of Slack versus Hipchat?*. *Quora.com*. Retrieved 13 November 2015, from https://www.quora.com/What-are-the-pros-and-cons-of-Slack-versus-Hipchat

Bemopro.com,. (2015). *SharePoint plans and pricing*. Retrieved 13 November 2015, from http://www.bemopro.com/Pricing/SharePoint.aspx

Bloomberg Business,. (2015). *Dropbox CEO: We Have 400 Million Users and Growing*. Retrieved from http://www.bloomberg.com/news/videos/2015-06-24/dropbox-ceo-we-have-400-million-users-and-growing

Dugan, R., Glinert, E., & Rogers, E. (2003). CAMELOT: technology focused testing of CSCW applications. *36Th Annual Hawaii International Conference On System Sciences, 2003. Proceedings Of The*. http://dx.doi.org/10.1109/hicss.2003.1174900

GitHub for writers, the pros and cons. (2015). *Colably*. Retrieved from http://colably.com/en/Blog/Read/1000004/GitHub-for-writers-the-pros-and-cons

Hicks, R. (2014). Stata and Dropbox. *Stata Journal*, *14*(3), 693-696.

Microsoft Office,. (2015). *SharePoint – Team Collaboration Software Tools*. Retrieved 13 November 2015, from https://products.office.com/en-us/sharepoint/collaboration

Mombrea, M. (2015). *Slack: I've seen the future, and it reminds me of the past*. *ITworld*. Retrieved 13 November 2015, from

http://www.itworld.com/article/2833495/consumerization/slack--i-ve-seen-the-future--and-it-reminds-me-of-the-past.html

Niaulin, B. (2015). *OneDrive for Business vs Dropbox - Which is the best option?*. *Sharegate*. Retrieved 13 November 2015, from http://en.share-gate.com/blog/sharepoint-2013-skydrive-pro-vs-dropbox

Niles, T. (2013). Dropbox Brings Course Management Back to Teachers. *Tewt Journal*, *13*(1), 20-28.

Olsen, J., Olsen, G. (2014). How to make distance work work. *Interactions, 21*(2), 29-35. DOI: 10.1145/2567788

Parker, M. (2015). *What's the best cloud storage service to use?*. *TrustedReviews*. Retrieved 13 November 2015, from http://www.trustedreviews.com/opinions/google-drive-vs-icloud-drive-vs-dropbox-vs-onedrive

Parmaxi, A & Zaphiris, P (2015) Specifying the dynamics of social technologies as social technologies as social microworlds, Behavior & Information Technology, 34:4, 413-424, from http://dx.doi.org/10.1080/0144929X.2015.1004650

Qayyum, A. (2015). *Understand the pros and cons of using GitHub*. *Smashinghub.com*. Retrieved 9 November 2015, from http://smashinghub.com/understand-the-pros-and-cons-of-using-github.htm

Quora.com. (2015). *Are features missing from Dropbox? - Quora*. Retrieved 10 November 2015, from https://www.quora.com/Are-features-missing-from-Dropbox

Regan, H. (2015). *Box vs Dropbox - Pricing & Feature Comparison | Software Advice Labs*.*Softwareadvice.com*. Retrieved 13 November 2015, from http://www.softwareadvice.com/labs/box-vs-dropbox/

Sprehe, P. (2014). *OneDrive vs Dropbox - Files Sharing and Storage in the Cloud*. *Community IT Innovators*. Retrieved 13 November 2015, from http://www.communityit.com/blog/onedrive-vs-dropbox-part1/

Sprehe, P. (2015). *OneDrive vs Dropbox - Cloud Collaboration*. *Community IT Innovators*. Retrieved 13 November 2015, from http://www.communityit.com/blog/onedrive-vs-dropbox-part2/

Sullivan, D. (2015). *Dropbox vs Google Drive 2015: Deep Dive & Comparison*. *Cloudwards*. Retrieved 13 November 2015, from http://www.cloudwards.net/dropbox-vs-google-drive/#abouttheproviders

Woodzicka, J., Ford, T., Caudill, A., & Ohanmamooreni, A. (2015). A Successful Model of Collaborative Undergraduate Research: A Multi-Faculty, Multi-Project, Multi-Institution Team Approach. *Teaching Of Psychology*, *42*(1), 60-63. http://dx.doi.org/10.1177/0098628314549711

Rowe, M., Bozalek, V., & Frantz, J. (2013). Using Google Drive to facilitate a blended approach to authentic learning. Br J Educ Technol, 44(4), 594-606. http://dx.doi.org/10.1111/bjet.12063

Appendices

Appendix A. Individual Contributions Summary

Adnan

User Survey

- Brainstormed for user survey questionnaire and (data mining approach) of the project.
- Prepared survey questionnaire with Jason.
- Worked on survey results and brainstormed ideas for the project in general.

- Presented the survey during the Progress Report.

Software Comparison

- Search comparison between Dropbox and Google Drive.
- Post the result in point form.

Literature Review

- Find academic paper on Google Drive.
- work on Literature review on Google drive.

Progress Report

- Worked on related Works, Software Comparison (Google Drive), survey result and citing references.
- Mock Up folder(list of changes to implement)
- Contributed some user testing questions
- Created Scenarios.

Prototype Mockup User Testing Results

- User testing of Dropbox 2.0 prototype
- table of contents
- Task scenarios

Final presentation and Final Report

- Gave final presentation with the group
- Worked on various sections of the final report

Brenda

Administrivia/Meeting Notes/Group Notes

- Created github account
- Created meeting notes after each meeting for Google Drive
- Created group notes to stay on track (in Google Drive)
- Created “Final Task” Checklist to ensure group stayed on tasks/completed all tasks

Initial/Extensive Literature Review

- Created “Literature” document(s)
- Found resources and articles for both reviews

User Survey

- Helped to edit/add suggestions to the “Software Collaboration Evaluation/Redesign Survey” document
- Completed the survey on my own and posted my results into Google Drive
- Sent the survey to 15 people via email

Ethics Application

- Partially edited ethics application

Proposal

- Created Proposal presentation slides
- Gave proposal presentation
- Created proposal

Software Comparison

- Created “Software Comparisons” folder
- Created documents for each of the 6 softwares for each member to complete
- Completed “Slack” software comparison document
- Contributed to and edited “Dropbox” software comparison document

Progress Report

- Created Progress report presentation slides (solo)
- Gave progress report presentation
- Created and worked on progress report

Dropbox Mockup And User Testing

- Created “List of changes to implement” document
- Created Final prototype Mockup with Emily
- Met with group and set up user testing tasks
- Monitored group members undertaking user tasks
- Created “User Testing” document
- Added questions to “User testing” document
- Added cognitive walkthrough questions for colleagues to answer

Final Presentation and Paper

- Edited final presentation slides
- Created Mock-up demo using Invision (with Emily)
- Gave final presentation
- Worked on final paper

Emily

Initial/Extensive Literature Review

- Found resources and articles for the Box comparison and for Related Works and Introduction sections

Ethics Application

- Completed Ethics application

User Survey

- Brainstormed survey ideas and purpose of survey with group

Software Comparison

- Completed the Dropbox and Box software comparison
- Found and suggested Olsen & Olsen framework to use as a basis for comparisons

Progress Report

- Completed Related Works section and contributed to the Introduction and Motivation sections

Proposal Report

- Helped format/edit proposal
- Contributed to related works section

Dropbox Mockup and User Testing

- Brain stormed the mock up flow and appearance
- Created final mock up with Brenda
- Created task scenarios for Cognitive Walkthrough of the mock up

Final Presentation and Paper

- Presented the slides about Olsen & Olsen
- Fielded questions in Q&A
- Editted and added to Related Works section
- Editted final paper

Frances

Software Comparison

- Searched online for papers of comparing Dropbox and six other collaboration tools and shared the links with Brenda
- Listed the comparison between Dropbox and GitHub in point form

User Survey

- Invited at least 30 students and some faculty members in the computer science department to fill in the survey
- Analysed the user survey results

Dropbox Mockup And User Testing

- Added questions to “User testing” document
- Created prototype using Photoshop
- Completed user testing

Final Presentation and Paper

- Worked on Analysis of Survey Results session of both final presentation slides and final paper
- Worked on Analysis of User Testing session of final presentation slides

Jason

User Survey

- Brainstormed survey ideas and purpose of survey with group
- Created preliminary survey questionnaire
- Reformatted and created final survey

- Analyzed the user survey results

Software Comparison

- Completed the Dropbox and SharePoint software comparison
- Reviewed and revised the team's software comparisons to make findings more complete
- Researched ways to quantify and summarize our software comparison findings
- Created a ratings matrix based on internal research, third party reviews and Gartner study

Progress Report

- Completed assigned software comparison section

Proposal Report

- Helped format/edit proposal
- Finished software comparison section
- Created survey results section
- Contributed to related works section

Dropbox Mockup and User Testing

- Contributed to features/functionalities of Dropbox 2.0 via brainstorming session
- Conducted user testing on prototype mockup completed by Brenda and Emily

Final Presentation

- Presented the advantages/disadvantages of Dropbox and software comparison sections
- Fielded questions in Q&A

Final Report

- Completed methodology framework of report
- Completed the software comparison section along with software ratings table
- Wrote the user survey, future works and limitations to methodology sections
- Contributed to overall editing and formatting of the final report

Meric

Beginning Stages

- Created CSC485A folder under Google Drive
- Met with group and came up with project ideas

Proposal

- Created Proposal presentation slides
- Created and wrote the research proposal (with Brenda)

User Survey

- Completed and posted my results into Google Drive
- Sent the survey to 15 people via email
- Began to analyze survey results

Software Comparison

- Completed the Dropbox and OneDrive software comparison
- Added the result in the progress report and comparison table.
- Search papers about using OneDrive in collaborative work

Initial/Extensive Literature Review

- Find journals, articles, reviewed them.

Dropbox Mockup And User Testing

- Created first (initial) prototype Mockup
- Conducted user testing on the final mockup with Adnan, Jason and Frances
- Answered cognitive walkthrough questions

Final Report

- Prepared most of the presentation slides
- Created ShareLatex file
- Formatted paper
- Worked on and edited paper

Appendix B. Team Roles

There are multiple aspects of this project that will need focus. Our project can be divided into four stages:

- Stage 1: Literature Review and Project Design
- Stage 2: Software Evaluation
    - Conduct Surveys: questions included a look at user demographics, collaboration tool preferences, and how users utilize these tools
    - Evaluate current features of dropbox
- Stage 3: Software Comparison
    - Compare and contrast Dropbox with Box, GitHub, Google Drive, Microsoft OneDrive, Microsoft SharePoint and Slack
    - Identify features of DropBox needing change/integration
- Stage 4: Software Re-design
    - Design Dropbox with new features
    - Create a mockup and prototype using Photoshop and Invision

Brenda and Emily focused on the preliminary and extensive literature review, the ethics application, and the software re-design. Brenda, Emily, Frances and Meric undertook the Dropbox redesign. Jason and Adnan focused on conducting user survey and analyzing survey results as well as conducting software comparisons. All members, except for Emily and Brenda,

will do a cognitive walkthrough of the redesign. Finally, each group member was responsible for taking care of their personal work logs, helping with each proposal, assisting with oral presentations, and creating the final report.

Appendix C. Milestones

Oct 14 - Oct 27: Preliminary lit review; Oral presentation and written proposal

Oct 21 - Nov 17: Preliminary Work - Literature review, requirements, evaluation, design

Nov 4 - Nov 10: Ethics Application; Present Progress Report

Nov 4 - Nov 17: Gather and Evaluate Student Survey Data

Nov 4 - Nov 24: Software design and prototype

Nov 18 - Dec 5: Prepare final report

Appendix D. Summary of Responses from Survey

Survey Questions:

1. What is your age?
    a. 12-17
    b. 18-25
    c. 26-35
    d. 36-65
    e. 65+
2. What is your gender?
    a. male
    b. female
    c. other
3. Do you use softwares as team collaboration tools?
    a. yes
    b. no
4. How often have you used these collaboration tools in the past month?
    a. never
    b. monthly
    c. weekly
    d. a few times a week
    e. daily
5. What are your main uses for software collaboration tools(Please check all that apply)?
    a. personal
    b. school
    c. project management

d. software development
e. other: _____

6. What software collaboration tools do you use? (Please check all that apply)

i. Dropbox
ii. Google Drive
iii. Slack
iv. GitHub
v. OneDrive
vi. Box
vii. Microsoft Sharepoint
viii. other: _____

b. How many people do you typically work with on a team project?
i. 0-2
ii. 3-5
iii. 6-10
iv. 11+

c. How much do you spend on team collaboration tools per month?
i. nothing
ii. other: _____

d. How do you decide which team collaboration tools to use? (Please check all that apply)
i. default project tool
ii. peer reviews
iii. online reviews/discussion
iv. natural extension of your software ecosystem

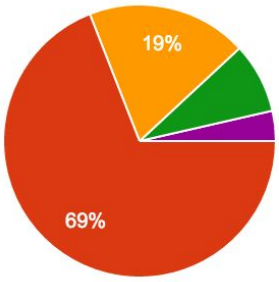
e. What features in a team collaboration tool are most important to you?
i. cost
ii. file sharing/cloud availability
iii. file storage
iv. file editing
v. security
vi. communication(i.e. video and audio calls)
vii. chat function
viii. other: _____

f. How would you rank the importance of the following factors? (1 being not important and 5 being very important)
i. cost
ii. file sharing/cloud availability
iii. file storage
iv. file editing
v. security

vi. user interface

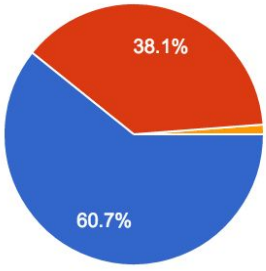
vii. communication(i.e. video and audio calls)
viii. chat function
ix. other

Figure 1. What is your age?



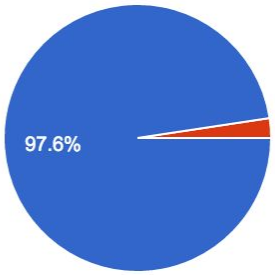
12-17	**0**	0%
18-25	**58**	69%
26-35	**16**	19%
36-65	**7**	8.3%
65+	**3**	3.6%

Figure 2. What is your gender?



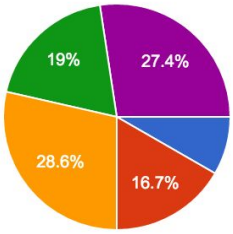
Male	**51**	60.7%
Female	**32**	38.1%
Other	**1**	1.2%

Figure 3. Do you use software as team collaboration tools?



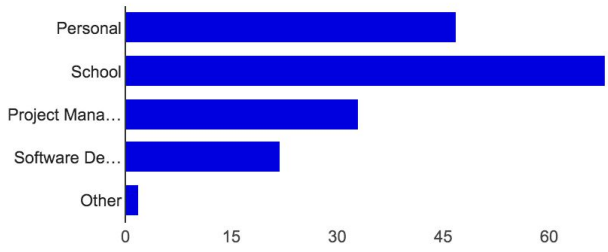
Yes	**82**	97.6%
No	**2**	2.4%

Figure 4. How often have you used these collaboration tools in the past month?



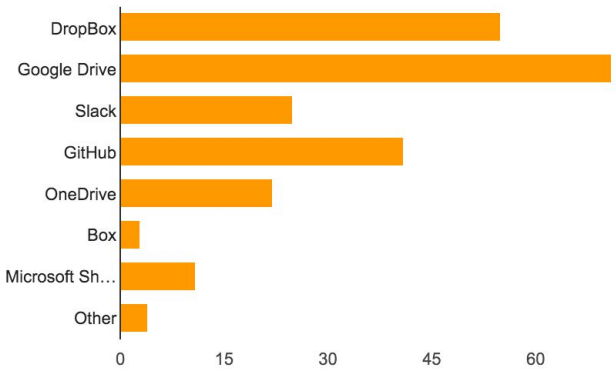
Never	**7**	8.3%
Monthly	**14**	16.7%
Weekly	**24**	28.6%
A few times a week	**16**	19%
Daily	**23**	27.4%

Figure 5. What are your main uses for software collaboration tools?



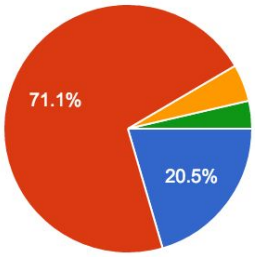
Personal	**47**	57.3%
School	**68**	82.9%
Project Management	**33**	40.2%
Software Development	**22**	26.8%
Other	**2**	2.4%

Figure 6. What software collaboration tools do you use?



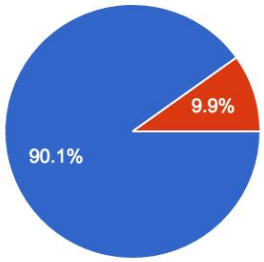
DropBox	**55**	65.5%
Google Drive	**71**	84.5%
Slack	**25**	29.8%
GitHub	**41**	48.8%
OneDrive	**22**	26.2%
Box	**3**	3.6%
Microsoft Sharepoint	**11**	13.1%
Other	**4**	4.8%

Figure 7. How many people do you typically work with on a team project?



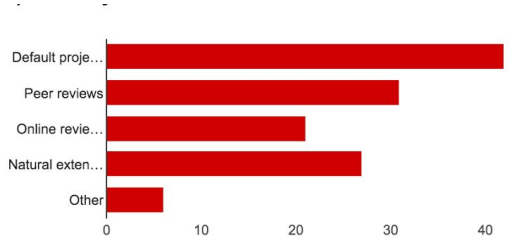
0 - 2	**17**	20.5%
3 - 5	**59**	71.1%
6 - 10	**4**	4.8%
11+	**3**	3.6%

Figure 8. How much do you spend on team collaboration tools per month



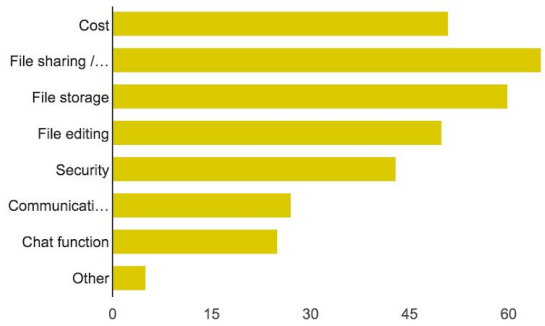
Nothing	**73**	90.1%
Other	**8**	9.9%

Figure 9. How do you decide which team collaboration tools to use?



Default project tool	42	51.2%
Peer reviews	31	37.8%
Online reviews/discussion	21	25.6%
Natural extension of your software ecosystem	27	32.9%
Other	6	7.3%

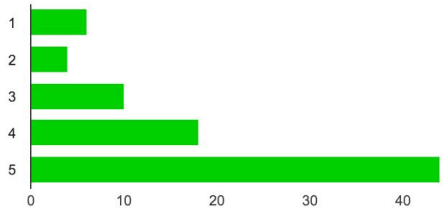
Figure 10. What features in a team collaboration tools are most important to you?



Cost	51	61.4%
File sharing / Cloud availability	65	78.3%
File storage	60	72.3%
File editing	50	60.2%
Security	43	51.8%
Communication (i.e. video and audio calls)	27	32.5%
Chat function	25	30.1%
Other	5	6%

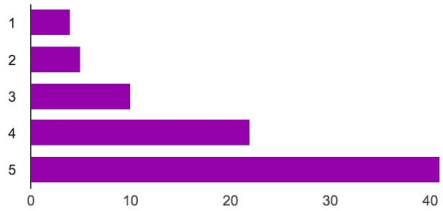
Figure 11. How would you rank the importance of the following factors?

Cost [11) How would you rank the importance of the above factors?]



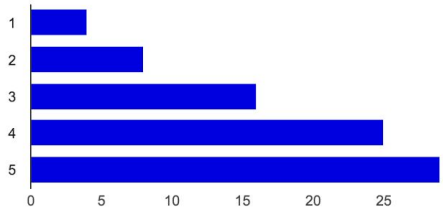
1	**6**	7.3%
2	**4**	4.9%
3	**10**	12.2%
4	**18**	22%
5	**44**	53.7%

File sharing / Cloud [11) How would you rank the importance of the above factors?]



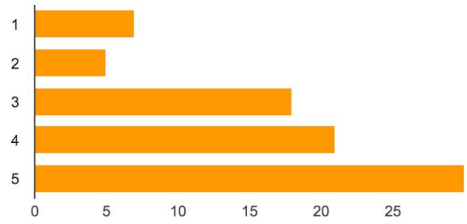
1	**4**	4.9%
2	**5**	6.1%
3	**10**	12.2%
4	**22**	26.8%
5	**41**	50%

File storage [11) How would you rank the importance of the above factors?]



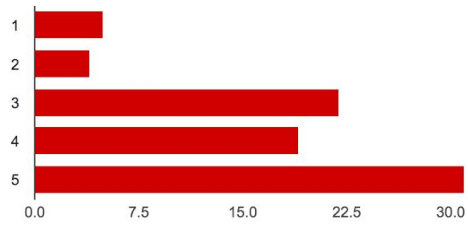
1	**4**	4.9%
2	**8**	9.8%
3	**16**	19.5%
4	**25**	30.5%
5	**29**	35.4%

File editing [11) How would you rank the importance of the above factors?]



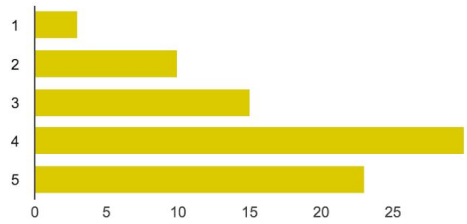
1	**7**	8.6%
2	**5**	6.2%
3	**18**	22.2%
4	**21**	25.9%
5	**30**	37%

Security [11) How would you rank the importance of the above factors?]



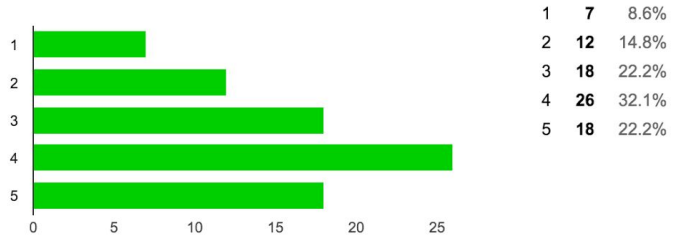
1	**5**	6.2%
2	**4**	4.9%
3	**22**	27.2%
4	**19**	23.5%
5	**31**	38.3%

User interface [11) How would you rank the importance of the above factors?]



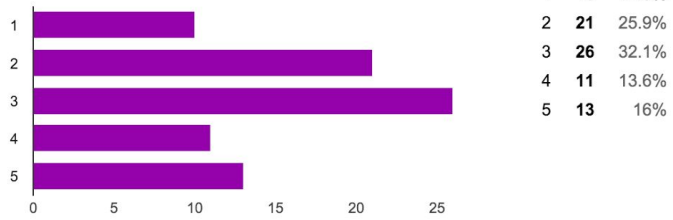
1	**3**	3.7%
2	**10**	12.3%
3	**15**	18.5%
4	**30**	37%
5	**23**	28.4%

Communication [11) How would you rank the importance of the above factors?]



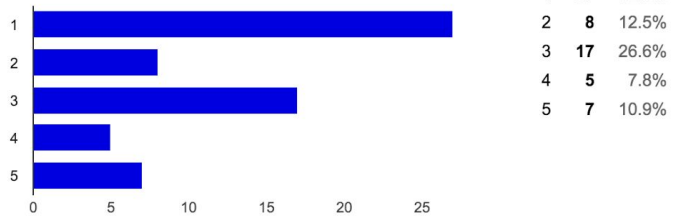
1	**7**	8.6%
2	**12**	14.8%
3	**18**	22.2%
4	**26**	32.1%
5	**18**	22.2%

Chat Function [11) How would you rank the importance of the above factors?]



1	**10**	12.3%
2	**21**	25.9%
3	**26**	32.1%
4	**11**	13.6%
5	**13**	16%

Other [11) How would you rank the importance of the above factors?]



1	**27**	42.2%
2	**8**	12.5%
3	**17**	26.6%
4	**5**	7.8%
5	**7**	10.9%

dices

Appendix A. Individual Contributions Summary

Adnan

User Survey

- Brainstormed for user survey questionnaire and (data mining approach) of the project.
- Prepared survey questionnaire with Jason.
- Worked on survey results and brainstormed ideas for the project in general.
- Presented the survey during the Progress Report.

Software Comparison

- Search comparison between Dropbox and Google Drive.
- Post the result in point form.

Literature Review

- Find academic paper on Google Drive.
- work on Literature review on Google drive.

Progress Report

- Worked on related Works, Software Comparison (Google Drive), survey result and citing references.
- Mock Up folder(list of changes to implement)
- Contributed some user testing questions
- Created Scenarios.

Prototype Mockup User Testing Results

- User testing of Dropbox 2.0 prototype
- table of contents
- Task scenarios

Final presentation and Final Report

- Gave final presentation with the group
- Worked on various sections of the final report

Brenda

Administrivia/Meeting Notes/Group Notes

- Created github account
- Created meeting notes after each meeting for Google Drive
- Created group notes to stay on track (in Google Drive)
- Created “Final Task” Checklist to ensure group stayed on tasks/completed all tasks

Initial/Extensive Literature Review

- Created “Literature” document(s)
- Found resources and articles for both reviews

User Survey

- Helped to edit/add suggestions to the “Software Collaboration Evaluation/Redesign Survey” document
- Completed the survey on my own and posted my results into Google Drive
- Sent the survey to 15 people via email

Ethics Application

- Partially edited ethics application

Proposal

- Created Proposal presentation slides

- Gave proposal presentation
- Created proposal

Software Comparison

- Created “Software Comparisons” folder
- Created documents for each of the 6 softwares for each member to complete
- Completed “Slack” software comparison document
- Contributed to and edited “Dropbox” software comparison document

Progress Report

- Created Progress report presentation slides (solo)
- Gave progress report presentation
- Created and worked on progress report

Dropbox Mockup And User Testing

- Created “List of changes to implement” document
- Created Final prototype Mockup with Emily
- Met with group and set up user testing tasks
- Monitored group members undertaking user tasks
- Created “User Testing” document
- Added questions to “User testing” document
- Added cognitive walkthrough questions for colleagues to answer

Final Presentation and Paper

- Edited final presentation slides
- Created Mock-up demo using Invision (with Emily)
- Gave final presentation
- Worked on final paper

Emily

Initial/Extensive Literature Review

- Found resources and articles for the Box comparison and for Related Works and Introduction sections

Ethics Application

- Completed Ethics application

User Survey

- Brainstormed survey ideas and purpose of survey with group

Software Comparison

- Completed the Dropbox and Box software comparison
- Found and suggested Olsen & Olsen framework to use as a basis for comparisons

Progress Report

- Completed Related Works section and contributed to the Introduction and Motivation sections

Proposal Report

- Helped format/edit proposal
- Contributed to related works section

Dropbox Mockup and User Testing

- Brain stormed the mock up flow and appearance
- Created final mock up with Brenda
- Created task scenarios for Cognitive Walkthrough of the mock up

Final Presentation and Paper

- Presented the slides about Olsen & Olsen
- Fielded questions in Q&A
- Editted and added to Related Works section
- Editted final paper

Frances

Software Comparison

- Searched online for papers of comparing Dropbox and six other collaboration tools and shared the links with Brenda
- Listed the comparison between Dropbox and GitHub in point form

User Survey

- Invited at least 30 students and some faculty members in the computer science department to fill in the survey
- Analysed the user survey results

Dropbox Mockup And User Testing

- Added questions to “User testing” document
- Created prototype using Photoshop
- Completed user testing

Final Presentation and Paper

- Worked on Analysis of Survey Results session of both final presentation slides and final paper
- Worked on Analysis of User Testing session of final presentation slides

Jason

User Survey

- Brainstormed survey ideas and purpose of survey with group
- Created preliminary survey questionnaire
- Reformatted and created final survey
- Analyzed the user survey results

Software Comparison

- Completed the Dropbox and SharePoint software comparison
- Reviewed and revised the team's software comparisons to make findings more complete
- Researched ways to quantify and summarize our software comparison findings
- Created a ratings matrix based on internal research, third party reviews and Gartner study

Progress Report

- Completed assigned software comparison section

Proposal Report

- Helped format/edit proposal
- Finished software comparison section
- Created survey results section
- Contributed to related works section

Dropbox Mockup and User Testing

- Contributed to features/functionalities of Dropbox 2.0 via brainstorming session
- Conducted user testing on prototype mockup completed by Brenda and Emily

Final Presentation

- Presented the advantages/disadvantages of Dropbox and software comparison sections
- Fielded questions in Q&A

Final Report

- Completed methodology framework of report
- Completed the software comparison section along with software ratings table
- Wrote the user survey, future works and limitations to methodology sections
- Contributed to overall editing and formatting of the final report

Meric

Beginning Stages

- Created CSC485A folder under Google Drive
- Met with group and came up with project ideas

Proposal

- Created Proposal presentation slides
- Created and wrote the research proposal (with Brenda)

User Survey

- Completed and posted my results into Google Drive
- Sent the survey to 15 people via email
- Began to analyze survey results

Software Comparison

- Completed the Dropbox and OneDrive software comparison
- Added the result in the progress report and comparison table.

- Search papers about using OneDrive in collaborative work

Initial/Extensive Literature Review

- Find journals, articles, reviewed them.

Dropbox Mockup And User Testing

- Created first (initial) prototype Mockup
- Conducted user testing on the final mockup with Adnan, Jason and Frances
- Answered cognitive walkthrough questions

Final Report

- Prepared most of the presentation slides
- Created ShareLatex file
- Formatted paper
- Worked on and edited paper

Appendix B. Team Roles

There are multiple aspects of this project that will need focus. Our project can be divided into four stages:

- Stage 1: Literature Review and Project Design
- Stage 2: Software Evaluation
    - Conduct Surveys: questions included a look at user demographics, collaboration tool preferences, and how users utilize these tools
    - Evaluate current features of dropbox
- Stage 3: Software Comparison
    - Compare and contrast Dropbox with Box, GitHub, Google Drive, Microsoft OneDrive, Microsoft SharePoint and Slack
    - Identify features of DropBox needing change/integration
- Stage 4: Software Re-design
    - Design Dropbox with new features
    - Create a mockup and prototype using Photoshop and Invision

Brenda and Emily focused on the preliminary and extensive literature review, the ethics application, and the software re-design. Brenda, Emily, Frances and Meric undertook the Dropbox redesign. Jason and Adnan focused on conducting user survey and analyzing survey results as well as conducting software comparisons. All members, except for Emily and Brenda, will do a cognitive walkthrough of the redesign. Finally, each group member was responsible for

taking care of their personal work logs, helping with each proposal, assisting with oral presentations, and creating the final report.

Appendix C. Milestones

Oct 14 - Oct 27: Preliminary lit review; Oral presentation and written proposal

Oct 21 - Nov 17: Preliminary Work - Literature review, requirements, evaluation, design

Nov 4 - Nov 10: Ethics Application; Present Progress Report

Nov 4 - Nov 17: Gather and Evaluate Student Survey Data

Nov 4 - Nov 24: Software design and prototype

Nov 18 - Dec 5: Prepare final report

Appendix D. Summary of Responses from Survey

Survey Questions:

1. What is your age?
    a. 12-17
    b. 18-25
    c. 26-35
    d. 36-65
    e. 65+
2. What is your gender?
    a. male
    b. female
    c. other
3. Do you use softwares as team collaboration tools?
    a. yes
    b. no

4. How often have you used these collaboration tools in the past month?
    a. never
    b. monthly
    c. weekly
    d. a few times a week
    e. daily
5. What are your main uses for software collaboration tools(Please check all that apply)?
    a. personal
    b. school
    c. project management
    d. software development

e. other: _____

6. What software collaboration tools do you use? (Please check all that apply)

   i. Dropbox
   ii. Google Drive
   iii. Slack
   iv. GitHub
   v. OneDrive
   vi. Box
   vii. Microsoft Sharepoint
   viii. other: _____

b. How many people do you typically work with on a team project?
   i. 0-2
   ii. 3-5
   iii. 6-10
   iv. 11+

c. How much do you spend on team collaboration tools per month?
   i. nothing
   ii. other: _____

d. How do you decide which team collaboration tools to use? (Please check all that apply)
   i. default project tool
   ii. peer reviews
   iii. online reviews/discussion
   iv. natural extension of your software ecosystem

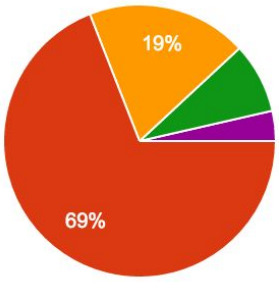
e. What features in a team collaboration tool are most important to you?
   i. cost
   ii. file sharing/cloud availability
   iii. file storage
   iv. file editing
   v. security
   vi. communication(i.e. video and audio calls)
   vii. chat function
   viii. other: _____

f. How would you rank the importance of the following factors? (1 being not important and 5 being very important)
   i. cost
   ii. file sharing/cloud availability
   iii. file storage
   iv. file editing
   v. security

   vi. user interface
   vii. communication(i.e. video and audio calls)

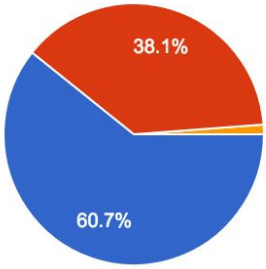
viii. chat function
ix. other

Figure 1. What is your age?



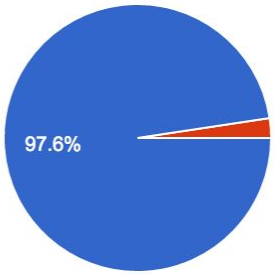
12-17	**0**	0%
18-25	**58**	69%
26-35	**16**	19%
36-65	**7**	8.3%
65+	**3**	3.6%

Figure 2. What is your gender?



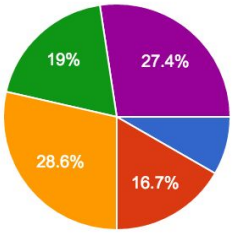
Male	**51**	60.7%
Female	**32**	38.1%
Other	**1**	1.2%

Figure 3. Do you use software as team collaboration tools?



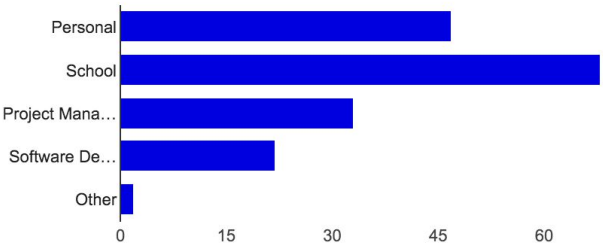
Yes	**82**	97.6%
No	**2**	2.4%

Figure 4. How often have you used these collaboration tools in the past month?



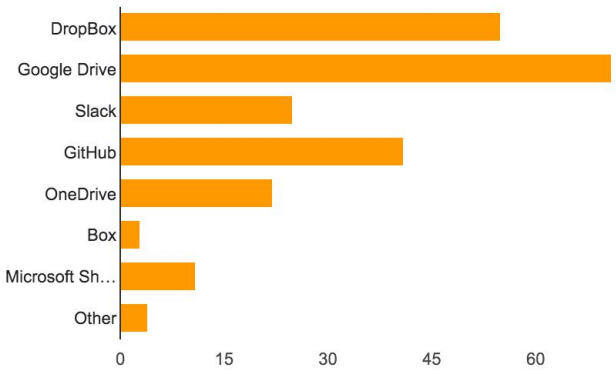
Never	**7**	8.3%
Monthly	**14**	16.7%
Weekly	**24**	28.6%
A few times a week	**16**	19%
Daily	**23**	27.4%

Figure 5. What are your main uses for software collaboration tools?



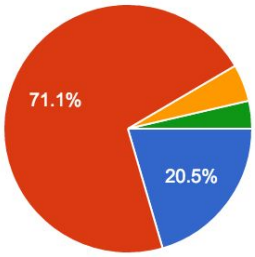
Personal	**47**	57.3%
School	**68**	82.9%
Project Management	**33**	40.2%
Software Development	**22**	26.8%
Other	**2**	2.4%

Figure 6. What software collaboration tools do you use?



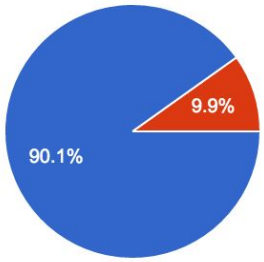
DropBox	**55**	65.5%
Google Drive	**71**	84.5%
Slack	**25**	29.8%
GitHub	**41**	48.8%
OneDrive	**22**	26.2%
Box	**3**	3.6%
Microsoft Sharepoint	**11**	13.1%
Other	**4**	4.8%

Figure 7. How many people do you typically work with on a team project?



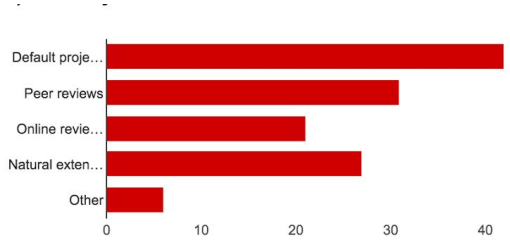
0 - 2	**17**	20.5%
3 - 5	**59**	71.1%
6 - 10	**4**	4.8%
11+	**3**	3.6%

Figure 8. How much do you spend on team collaboration tools per month



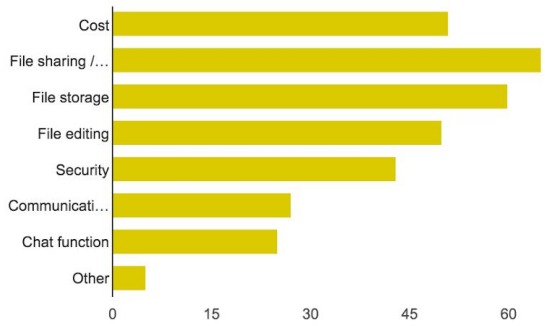
Nothing	**73**	90.1%
Other	**8**	9.9%

Figure 9. How do you decide which team collaboration tools to use?



Default project tool	42	51.2%
Peer reviews	31	37.8%
Online reviews/discussion	21	25.6%
Natural extension of your software ecosystem	27	32.9%
Other	6	7.3%

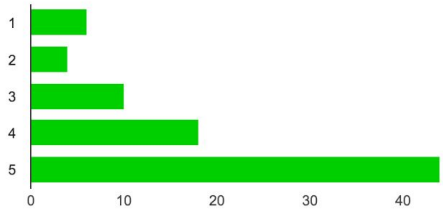
Figure 10. What features in a team collaboration tools are most important to you?



Cost	51	61.4%
File sharing / Cloud availability	65	78.3%
File storage	60	72.3%
File editing	50	60.2%
Security	43	51.8%
Communication (i.e. video and audio calls)	27	32.5%
Chat function	25	30.1%
Other	5	6%

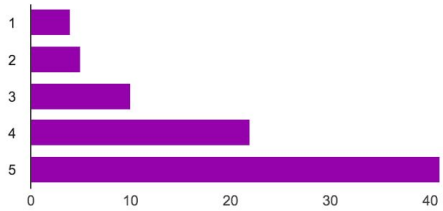
Figure 11. How would you rank the importance of the following factors?

Cost [11) How would you rank the importance of the above factors?]



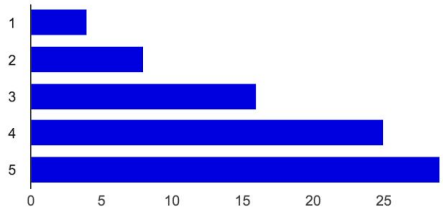
1	**6**	7.3%
2	**4**	4.9%
3	**10**	12.2%
4	**18**	22%
5	**44**	53.7%

File sharing / Cloud [11) How would you rank the importance of the above factors?]



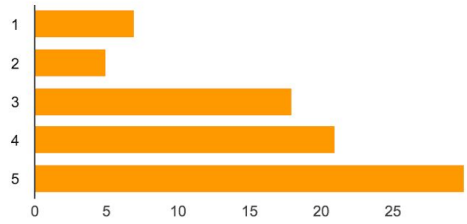
1	**4**	4.9%
2	**5**	6.1%
3	**10**	12.2%
4	**22**	26.8%
5	**41**	50%

File storage [11) How would you rank the importance of the above factors?]



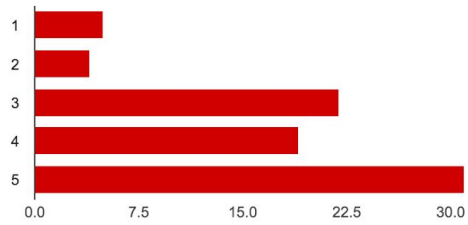
1	**4**	4.9%
2	**8**	9.8%
3	**16**	19.5%
4	**25**	30.5%
5	**29**	35.4%

File editing [11) How would you rank the importance of the above factors?]



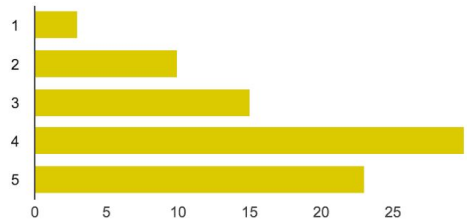
1	**7**	8.6%
2	**5**	6.2%
3	**18**	22.2%
4	**21**	25.9%
5	**30**	37%

Security [11) How would you rank the importance of the above factors?]



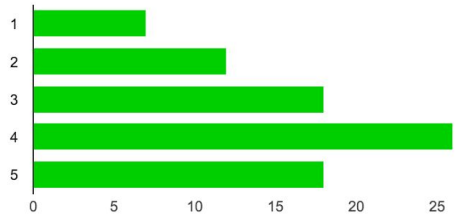
1	**5**	6.2%
2	**4**	4.9%
3	**22**	27.2%
4	**19**	23.5%
5	**31**	38.3%

User interface [11) How would you rank the importance of the above factors?]



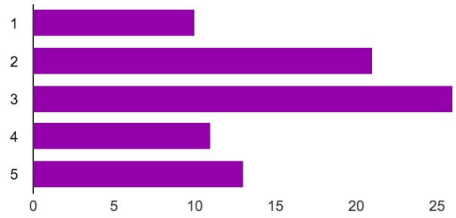
1	**3**	3.7%
2	**10**	12.3%
3	**15**	18.5%
4	**30**	37%
5	**23**	28.4%

Communication [11) How would you rank the importance of the above factors?]



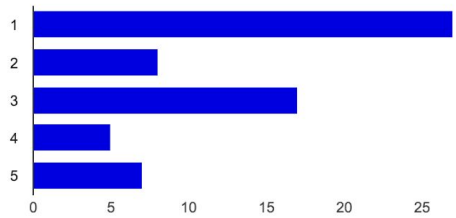
1	**7**	8.6%
2	**12**	14.8%
3	**18**	22.2%
4	**26**	32.1%
5	**18**	22.2%

Chat Function [11) How would you rank the importance of the above factors?]



1	**10**	12.3%
2	**21**	25.9%
3	**26**	32.1%
4	**11**	13.6%
5	**13**	16%

Other [11) How would you rank the importance of the above factors?]



1	**27**	42.2%
2	**8**	12.5%
3	**17**	26.6%
4	**5**	7.8%
5	**7**	10.9%