

Team	Recruitment/Participants	Interview/Survey Questions	Summary of Results	Overall Quality
FYSK	15	13	25	28
FYSK	15	10	25	30
FYSK	12	12	20	22
FYSK	15	15	20	20
Peer Average	14.25	12.50	22.50	25.00
Professor's Ratings	13	13	23	24
Average	13.63	12.75	22.75	24.50
Total	73.63			
Final Grade	81.81%			

HCID 520 Peer Review #1: Formative Evaluation

Group Number: FYSK

1. High-Level Feedback

Recruitment & User Study Participants: The report by FYSK made it clear on who the main target users were as well as how they were recruited. The group conducted a multitude of interviews which provided feedback for their report. The group conducted over 10 interviews.

Semi-Structured Interview or Survey Questions: There were 17 interview questions as stated in the report. The reasoning behind the questions were stated as well. The group's main focus centered around finding out the effects of ADHD in children and adolescents.

Summary of Results: The group presented their data from the interviews. Direct quotes were used in some of the results that were presented but not all of the results. The reasoning behind this could be that the some of the answers from the interviews did not provide direct quotes that would be useful in the raw data.

Lessons Learned: My group and I could explore ways to obtain interviews fast and quick. This group had issues collecting people who were willing to be interviewed, just like my group. Unfortunately, due to time constraints, my group was not able to obtain face-to-face interviews and had to settle with using a survey and contacting people from various social media outlets. My group could use this team's method of presenting raw data as it is easy to read and analyze.

2. Critique & Rubric

Category	Possible	Points	Areas for Improvement
Group Collaboration	10	10	In order to improve on group collaboration, each member has to understand the material and conduct their own fair share of interviews and interview analysis/data compiling.
Recruitment & User Study Participants	15	15	In order to improve on recruitment and User Study Participants, the team should make sure that all members obtain at least two people to interview. The team could also state whether or not an individual prefers to have their contact information revealed.
Semi-Structured Interview or Survey Questions	15	13	The team could diversify their questions as many of them feel like the same question but asked using different phrases.
Summary of Results	30	25	The analysis/summary portion of the report could have been improved a bit by additional observations based on the answers and raw data.
Overall Quality	30	28	The overall quality of the report can be improved by expanded questions as well as more

observation notes for the summary of results.		
Total	100	91

HCID 520 Peer Review #1: Formative Evaluation

Group Number: *FYSK*

1. High-Level Feedback

Recruitment & User Study Participants: *It was great to see the structure and thought process your team laid out for how you settled on interviews and your recruitment strategy. It would help to have some sort of visual denotation (either bold text or even a separate section) with just a one line description of the target audience for people that are scanning the report and don't read every line. (This is a bit nitpicky though, I thought the document was very clear.)*

Semi-Structured Interview or Survey Questions: *I thought the use of the Likert scale was a great choice, especially for your questions. The questions however felt better suited to a survey as opposed to in person interviews, especially as you were trying to establish percentages of population to identify possible solution spaces. There was possibly a missed opportunity to drive deeper into some of the reasons/thoughts/feelings of the people you interviewed.*

Summary of Results: *You had some very interesting results. It would have helped me personally to see them spelled out in terms of either a list of priorities or even a quick write up. It was a little hard to glean straight from the Excel sheets because I was doing a lot of guesswork around what some of the cells and what they meant.*

Lessons Learned: The documentation around why and how certain discussions were made, especially around the choice of survey vs interview and recruitment strategies was very interesting. It's something our group did not document at all and I wish we had. It adds a lot of clarity to the document in terms of the thought process behind the study.

2. Critique & Rubric

Category	Possible	Points	Areas for Improvement
Group Collaboration	10	10	<i>The breakdown of work seemed fair. Your team did an especially good job with the early documentation.</i>
Recruitment & User Study Participants	15	15	The recruitment and User Study participants you managed to find was especially impressive, considering the target population. Only area for improvement I can see is demarking that some of your participants were parents of children living with ADHD, some were professionals, and some were children. I imagine the results you got from each of these groups would inform different parts of your design.
Semi-Structured Interview or Survey Questions	15	10	The questions I felt were a little weak, especially with your stellar recruitment. I felt while you did a good job establishing the scope of the problem, some of the questions could have been aimed at getting other kinds of information (biographical, the “Why” questions. With qualitative interviews, you had the potential to have research with a lot more depth.
Summary of Results	30	25	The summary of results felt a little inconclusive. It looked like there

was some really good analysis there but it was really hard to understand. A paragraph, or two explain the result would go a long way here.

Overall Quality	30	30	Great job overall! Really like the topic area and general focus of the study. The document looked well thought out and well structured.
Total	100	90	

HCID 520 Peer Review #1: Formative Evaluation

Group Number: *FYSK*

Fuad Zain Aloor, Kenneth R. Poole, Sanay Vinay Devi, Yifei Tian

1. High-Level Feedback

Recruitment & User Study Participants: Yes, the target users were clear in the document and also the recruitment process. The group conducted 10 Interview questions.

Semi-Structured Interview or Survey Questions: Yes, the group provided 17 questions with a rationale for each. They did follow the guidelines provided in class.

Summary of Results: The participants responses were summarized with an excel sheet which included comments from the participants.

Lessons Learned: *Based on the assignment the group covered majority of the areas.*

2. Critique & Rubric

Category	Possible	Points	Areas for Improvement
Group Collaboration	10	7	Based on the statement of work the group contributed to the project equally but i felt the group could put an extra effort in formatting the document better.
Recruitment & User Study Participants	15	12	The group could have reached out to their specific target audience rather than getting the survey filled from friends/family to get a deeper understanding for of the project.
Semi-Structured Interview or Survey Questions	15	12	The group could have reached out to their specific target audience rather than getting the survey filled from friends/family to get a deeper understanding for of the project.
Summary of Results	30	20	The group did not include a summary of results which i felt was very important.
Overall Quality	30	22	The overall quality of the could be improved by better formatting. adding a summary of results, it felt like few areas were drafted last minute.
Total	100	73	← Include the total score here.

HCID 520 Peer Review #1: Formative Evaluation

Group Number: *Group FYSK*

Instructions: *Fill in and delete all of the instructions written in blue as you complete this assignment. Each student should perform a critique of another groups' project documentation. If Canvas somehow assigns you your own group (e.g., bad design), let me know.*

Things to consider when writing your critiques:

- 1. Did the group follow the directions as they were provided?*
- 2. Was each section well thought out and constructed or did it seem as if it were drafted last minute?*
- 3. Did the group work as a team to compose the document or did it seem disjointed?*
- 4. Were the roles of each group member properly carried out?*
- 5. Did the group justify their design decisions using evidence directly from their user study?*
- 6. Is the proposed app useful, novel, and feasible?*
- 7. Were there prominent grammar and punctuation errors throughout the document, or did the group take enough time to edit and eliminate as many errors as possible?*
- 8. Did the group go above and beyond expectations?*
- 9. How could the group improve their deliverable and benefit from your critique?*

1. High-Level Feedback

Recruitment & User Study Participants: *Was it clear in the document who the target users are and how participants were recruited? Did the group conduct 10 surveys/interviews?*

The target audience is clearly stated and have 10 interviews. Interviews participants included parents that deal with ADHD child. There are 3 of them involved during the interviewing and recruitment.

Semi-Structured Interview or Survey Questions: *Were at least 15 questions provided? Did they follow the guidelines provided in class?*

They have 17 questions which is above 15 requirement and guidelines is followed. Each question has detailed explanation why to ask that way. Some question can be refined to more semi-structured, such as question 17, instead of asking "has...ADHD?", might change to "how...ADHD?". "How often" questions help to collect more general and board data, it might need to involve with some specific question like "the reason why...?"

Summary of Results: *Were all participant responses summarized across with direct quotes? Did the summary go beyond the raw data?*

They are combining the interview and survey together and included one direct quote from the 17 questions. I am not sure how they are collecting the results but looks more data analysis instead of including direct quotes from participants. For example, the question 17 "has the design of technologies helped your ability to manage your ADHD?" It might be better to collect some quotes from "how technology helped?"

Lessons Learned: *Based on this group's deliverable, what was something that they did well that your group could learn from to improve your own project documentation?*

I think the recruitment and user participant is doing well. I think they did research on social media platform and reaching out to specific participants.

2. Critique & Rubric

Category	Possible	Points	Areas for Improvement
Group Collaboration	10	10	<i>Team members are working consistent and duty is assigned clearly.</i>
Recruitment & User Study Participants	15	15	Recruitment on children's parents is reasonable and strategy is efficient to follow during ADHD case.
Semi-Structured Interview or Survey Questions	15	15	They have 17 questions which is above 15 requirement and guidelines is followed. Each question has detailed explanation why to ask that way.
Summary of Results	30	20	The summary of results with diagram clearly stated raw data. But analysis needs to include more direct quotes from interview. In addition, Tier 2 design consideration shows up a lot in analysis, it is better to specified what is the tie 2 design consideration in your case. Some parts of the results look too general to meet the requirement.
Overall Quality	30	20	The overall quality meets minimum requirement, and the analysis of results needs to show either more data support or more direct quotes from interviewing.

Total	100	80	← <i>Include the total score here.</i>

Formative Evaluation

Group: FYSK

Team Member:

Fuad Zain Aloor

Kenneth R. Poole

Sanay Vinay Devi

Yifei Tian

Subject:

Attention-Deficit/Hyperactivity Disorder (ADHD)Evaluation

Introduction:

ADHD is a disorder that makes it difficult for a person to pay attention and control impulsive behaviors. He or she may also be restless and almost constantly active. ((NIH), 2021)

ADHD is not just a childhood disorder. Although the symptoms of ADHD begin in childhood, ADHD can continue through adolescence and adulthood. Even though hyperactivity tends to improve as a child becomes a teen, problems with inattention,

disorganization, and poor impulse control often continue through the teen years and into adulthood.

Facts about ADHD:

Millions of US children have been diagnosed with ADHD and is going in the population. The estimated number of children ever diagnosed with ADHD, according to a national 2016 parent survey,¹ is 6.1 million (9.4%).

This number includes:

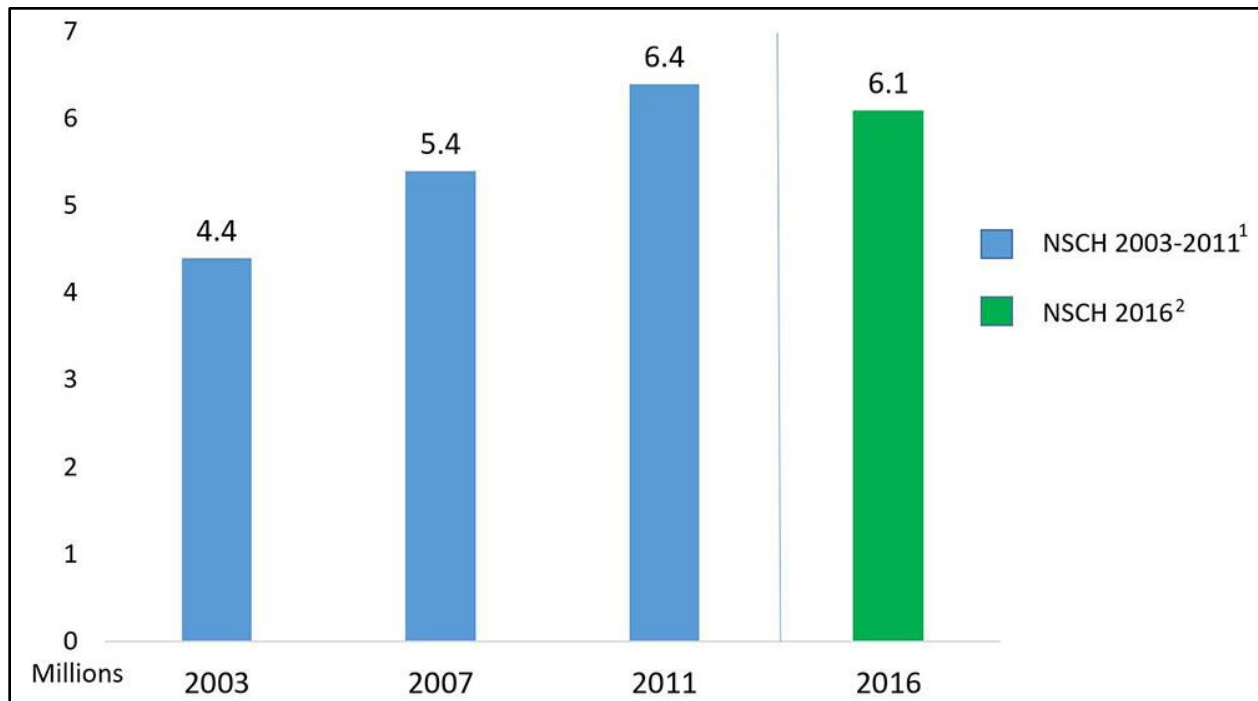
388,000 children aged 2–5 years

2.4 million children aged 6–11 years

3.3 million children aged 12–17 years

Boys are more likely to be diagnosed with ADHD than girls (12.9% compared to 5.6%).

The number of US children ever diagnosed with ADHD has changed over time. The following is an estimated number of US children who ever had a diagnosis of ADHD.



Always add figure captions and make sure to cross reference your figures in text. Also add citation to give credit.

Recruitment & User Study:

The first decision was what type of gathering methodologies are we going to conduct between surveys and interviews. Each team member voted for their preference and put forth a strong point in their favors. The outcome for this activity was that we decided to conduct interviews and if time permits, we will also do surveys in the end.

The decision of what research method to use always depends on what type of data you want to gather and what the research question is.

Typically interviews are narrow and deep. Surveys broad and shallow.

The second decision we made was what would be the age group for the pool of participants. Initially everyone was reluctant to conduct interviews with young ADHD children due to regulatory and privacy concerns. Based on our preliminary research, we garnered that the greatest impact of ADHD is on children, so we decided to include interviews of the children via their parents and their parents' point of view of having to deal with an ADHD child.

Parents as proxies is one way to go around it, good.

The third decision we made was around the question “how are we going to find individuals with ADHD ? ” . So, we initially decided to have a mixed age group pool of participants ranging from fourteen to sixty-one years of age. We first thought about using social media platforms like Facebook, Instagram and other apps to find adults with ADHD. We reached out to them but didn’t get a response we expected, so we turned to our family and friend circle for help.

I thought you were interviewing parents?

I'm not really clear on who your user is?

The fourth decision we made was on what method of interview would we conduct. We decided to hold in person interview, online video and audio calls to ask the survey questions and get the response from the interviewee.

S/N	Name	Role	Contact Information	Interviewer	Relationship
1	Bryan Dilts	Self	717-732-1413	Ken Poole	Church
2	Jack Jenzten	Self	717-745-7492	Ken Poole	Church
3	Jeannine Smith	Mother	717-576-8610	Ken Poole	Seminary Class
4	Jill Taggart	Mother	717-766-8018	Ken Poole	Co-worker
5	Suzanne Taylor	Mother	N/A	Ken Poole	Co-worker
6	Akshita Agarwal	Self	connect.akshita@gmail.com	Sanay Vinay Devi	Friend
7	Amy Pastorak	Assistant Director to the Bureau of Special Education for the State of PA	N/A	Ken Poole	Friend
8	Fannan	Grade 2- Primary School	N/A	Fuad Aloor	Relative
9	Shalik	College Student	N/A	Fuad Aloor	Relative
10	Safeer	Software Engineer	N/A	Fuad Aloor	Friend

Make sure whenever your report on your survey methods, you include the type of question it was (open/closed-ended, multiple choice, checkbox, scale, etc.) and the answer choices if it is a closed-ended question. That way people know how you are measuring and collecting the data.

Interview Questions

S/N	Questions
1	<p>How often do you have trouble wrapping up the final details of a project, once the challenging parts have been done?</p> <p>Reason: We would like to know how many percent of our users find it difficult to end a project, by this we can implement an engaging activity to keep alive the attention span during the last stages of project building.</p>
2	<p>How often do you have difficulty getting things in order when you have to do a task that requires organization?</p> <p>Reason: We would like to know how many percent of our users find it difficult to get things in order so that we can implement a functionality which helps our user to organize things.</p>
3	<p>How often do you have problems remembering appointments or obligations?</p> <p>Reason: We would like to know how many percent of our users find it difficult in remembering tasks so that we can implement a functionality which sets reminder for our user.</p>
4	<p>When you have a task that requires a lot of thought, how often do you avoid or delay getting started?</p> <p>Reason: We would like to know how many percent of our users find it difficult to start a thoughtful task so that we can implement a functionality which boosts our users to get started with an activity.</p>

What type of project?

Instead of just focusing on problems, you should also ask questions about what goes well or what are positive strategies that help them.

5	<p>How often do you fidget or squirm with your hands or feet when you have to sit down for a long time?</p> <p>Reason: We would like to know how many percent of our users are fidgety so that we can implement a functionality which calms our users down during stressful situation.</p>
6	<p>How often do you feel overly active and compelled to do things, like you were driven by a motor?</p> <p>Reason: We would like to know how many percent of our users are overly active so that we can implement a functionality which calms our users down.</p>
7	<p>How often do you make careless mistakes when you have to work on a boring or difficult project?</p> <p>Reason: We would like to know how many percent of our users make careless mistakes so that we can implement a functionality which helps increase their attention span and thus reduce the mistakes.</p>
8	<p>How often do you have difficulty keeping your attention when you are doing boring or repetitive work?</p> <p>Reason: We would like to know how many percent of our users find it difficult to maintain attention so that we can implement a functionality which helps increase their attention span and thus reduce the mistakes.</p>
9	<p>How often do you have difficulty concentrating on what people say to you, even when they are speaking to you directly?</p>

You're questions are still leading you to make assumptions about your users. You are assuming that they need a feature that helps them calm their fidgets. But you aren't really asking if fidgeting gets in the way of their task. You are assuming it does, but it might not actually.

	Reason: We would like to know how many percent of our users find it difficult to concentrate so that we can implement a functionality which helps increase their attention span and improve concentration.
10	How often do you misplace or have difficulty finding things at home or at work? Reason: We would like to know how many percent of our users find it difficult find things so that we can implement a functionality which helps
11	How often are you distracted by activity or noise around you? Reason: We would like to know how many percent of our users are distracted by activity or noise so that we can implement a functionality which helps cancel out the noise.
12	How often do you leave your seat in meetings or other situations in which you are expected to remain seated? Reason: We would like to know how many percent of our users find it difficult to remain seated so that we can implement a functionality which helps increase social behavior.
13	How often do you have difficulty unwinding and relaxing when you have time to yourself? Reason: We would like to know how many percent of our users find it difficult to relax so that we can implement a functionality which helps increase their melatonin level and get more sleep and rest.

14	How often do you find yourself talking too much when you are in social situations? Reason: We would like to know how many percent of our users talk too much in social situations, if they don't, then we would implement a functionality to help them be more social and confident.
15	How often do you have difficulty waiting your turn in situations when turn taking is required? Reason: We would like to know how many percent of our users find it difficult wait their turn so that we can implement a functionality which calms the user down in situations like these.
16	How often do you interrupt others when they are busy? Reason: We would like to know how many percent of our users interrupt others so that we can implement a functionality which calms the user down in situations like these.
17	Has the design of technologies helped or hindered your ability to manage your ADHD? Reason: We would like to know how many percent of our users feel like technology has hindered or helped ADHD, if it hinders their ADHD then we would figure out a way to make it simpler.

Too general.
What
technologies
are you talking
about?

Various kinds of rating scales have been developed to measure attitudes directly (i.e. the person knows their attitude is being studied). The most widely used is the Likert scale (1932).

All of your questions measure "how often" your user does something, but the lack of diversity in your question types don't allow you to have a holistic perspective of your users. Including both closed-ended and open-ended questions would be helpful, also asking questions to get opinions and perspectives (e.g., asking about satisfaction, agree/disagree, etc.)

Summary of Results:

This spreadsheet is just the raw data. Instead of providing raw data, graphs/charts or other visuals can help display the summary of your participants. It is best to add a narrative that explains your data too.

Below is an analysis of each question and its response by the participants. We have included technology design recommendations and comments from the participants.

S/ N	Questions	C1 BD	C2 JJ	C3 JS	C4 JT	C5 ST	C6 AA	C7 AP	C8 VF	C9 SH	C10* SR	Analysis	
1	How often do you have trouble wrapping up the final details of a project, once the challenging parts have been done?											4/10	
	Never												
	Rarely	X									X		
	Sometimes						X			X			
	Often							X	X				
	Very Often		X	X	X	X							
2	How often do you have difficulty getting things in order when you have to do a task that requires organization?											4/10	Several respondents said depends on what the task is. ST said," If he enjoys the taks it will be an issue. But if it is a school work, it becomes an issue. "
	Never												
	Rarely				X	X							
	Sometimes		X								X		
	Often	X							X	X			
	Very Often			X		X*	X	X					
3	How often do you have problems remembering appointments or obligations?											3/3/3/10	Base on the responses we will not need this statement as an indicator
	Never						X	X			X		
	Rarely	X	X			X							
	Sometimes									X			
	Often			X	X				X				
	Very Often					X*							

S/ N	Questions	C1 BD	C2 JJ	C3 JS	C4 JT	C5 ST	C6 AA	C7 AP	C8 VF	C9 SH	C10* SR	Analysis	
4	When you have a task that requires a lot of thought, how often do you avoid or delay getting started?										4/10	5/10	Consideration for design technology due to this score
	Never												
	Rarely												
	Sometimes	X						X		X	X		
	Often								X				
	Very Often		X	X	X	X	X						
5	How often do you fidget or squirm with your hands or feet when you have to sit down for a long time?											6/10	Consideration for design, technology can help channel the high energy into more productive outlet & behavioral concentration.
	Never										X		
	Rarely						X						
	Sometimes					X			X				
	Often												
	Very Often	X	X	X	X			X		X			
6	How often do you feel overly active and compelled to do things, like you were driven by a motor?											5/10	Consideration for design, technology can help channel the high energy into more productive outlet & behavioral concentration. BD said, " I have to find something to do or take part in something in order to control my anxiety. "
	Never										X		
	Rarely												
	Sometimes						X		X				
	Often			X						X			
	Very Often	X	X		X	X		X					

Team FYSK Team Member: •Fuad Zain Aloor •Kenneth R. Poole •Sanay Vinay Devi •Yifei Tian

S/ N	Questions	C1 BD	C2 JJ	C3 JS	C4 JT	C5 ST	C6 AA	C7 AP	C8 VF	C9 SH	C10* SR	Analysis	
7	How often do you make careless mistakes when you have to work on a boring or difficult project?											5/10	Design recommendation: a technology that can help with review tasks.
	Never												
	Rarely							X			X		
	Sometimes		X										
	Often								X				
8	Very Often	X		X	X	X	X					4/10	Design recommendation: a technology to help and build reinforce attention deficits.
	How often do you have difficulty keeping your attention when you are doing boring or repetitive work?												
	Never												
	Rarely												
	Sometimes	X								X	X		
	Often			X		X		X	X				
9	Very Often		X		X		X					4/10	Tier2 Design Consideration
	How often do you have difficulty concentrating on what people say to you, even when they are speaking to you directly?												
	Never					X							
	Rarely									X	X		
	Sometimes	X	X	X	X								
	Often								X				
	Very Often						X	X					

[illegible]

HCID 520: Users and Populations Assignments 1. Formative Evaluation

Team FYSK Team Member: •Fuad Zain Aloor •Kenneth R. Poole •Sanay Vinay Devi •Yifei Tian

S/ N	Questions	C1 BD	C2 JJ	C3 JS	C4 JT	C5 ST	C6 AA	C7 AP	C8 VF	C9 SH	C10* SR	Analysis
14	How often do you find yourself talking too much when you are in social situations?										5/10	Tier2 Design Consideration
	Never											
	Rarely				X						X	
	Sometimes	X	X	X		X				X		
	Often							X	X			
	Very Often						X					
15	How often do you have difficulty waiting your turn in situations when turn taking is required?										3/3/10	Control study for design.
	Never					X						
	Rarely										X	
	Sometimes				X					X		
	Often			X			X		X			
	Very Often	X	X					X				
16	How often do you interrupt others when they are busy?										5/10	Consideration for design, technology can help channel the high energy into more productive outlet & behavioral concentration.
	Never											
	Rarely	X		X						X	X	
	Sometimes							X	X			
	Often		X									
	Very Often				X	X	X					
17	Has the design of technologies <u>helped</u> your ability to manage your ADHD?										8/10	This question supports that technical design intervention could be of value to those who have ADHD.
	Never											
	Rarely											
	Sometimes											
	Often						X		X			
	Very Often	X	X	X	X	X		X		X	X	

Appendix

Group Collaboration

Group Member	Role	Level of Contribution	Statement of Work
Fuad Zain Aloor	Interview + Content	3	Did the interviews, researched on ADHD, helped creating the analysis and document.
Kenneth R. Poole	Interview + Analysis + Content	3	I contributed to this assignment by completing the initial reseach on the current information on ADHD. I conducted six interview of individuals from my circle who i knew were impacted by ADHD personally or within their families. Finally, I worked with Yifei on the data analysis of the interviews.
Sanay Vinay Devi	Interview + Survey Questions Reasoning	3	Did the interviews, researched on ADHD, helped creating the analysis and document.
Yifei Tian	Formating + Analysis	3	We started a brainstorming session to discuss the assignment first, and then distribute the work to individual, before finalize the assignment we met few times to consolidate all the information and polish the content of the word document.

Based on this evaluation, sounds like Ken and Yifei carried the heavy load for the team. Please make sure everyone has strong contributions to work. Also, be more specific in how team members are contributing. For example: what parts of the document did Sanay and Fuad complete. How many interviews did they each complete? "Researched" isn't a contribution. Make sure you a synthesizing the information, not just providing it.