

CATEGORY 4 (RESOURCE DEVELOPMENT)

WRITTEN REPORT

Group 4-037

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Project Name: CCAid

ABSTRACT

CCAid is a project aimed at assisting Secondary 4 students (going to Junior College) in choosing a suitable Co-Curricular Activity (CCA). While some CCAs will be similar to the ones we have at Hwa Chong High School, there are also many other CCAs, such as Mind Sports or Ultimate Frisbee, that do not currently exist in the High School Section, and may be more unbeknownst to the high school students. These students may find it difficult to choose between these CCAs, simply because they are unclear of what each CCA entails. Not only that, they might not be confident about choosing a CCA that best suits them. Thus, we want to make this process of choosing the right choice of CCA a smoother and much more understandable process as well as allow for students to be confident in making a decision that will play a big role in their upcoming journey in Junior College.

1 INTRODUCTION

1.1 Rationale

Co-curricular Activities (CCAs) are a big part of every student's educational journey. According to MOE, "CCA are a key component of students' holistic education. Through CCA, students discover their interests and talents. It is of utmost importance to choose the right CCA for each individual, with a balance between passion and talent. One must have the right amounts of ability as well as motivation to properly immerse themselves in the CCA environment and experience.

1.2 Objectives

The objectives of Project CCAid were to

- Increase awareness of less known (new) CCAs in Junior College among secondary 4 students
- Allow for a more informed decision making process using our resources
- Encourage students to engage in deeper thought processes with the help of understanding options provided and to come up with a satisfactory choice that will reap benefits in the future

1.3 Target Audiences

We aim to assist **Secondary 4 students rising to Junior College** next year.

1.4.1 Website

We have utilised Google Sites to create a website, which makes the information about new CCAs more accessible, while keeping it short, so as to allow students to understand it easier.

Link: <https://sites.google.com/student.hci.edu.sg/ccaid>

1.4.2 Posters

Posters can be put up around campus to showcase new CCAs that may not be known to a large audience in High School. Such posters are often effective in raising awareness when put up in school.

<Posters Listed Below>

ATTENTION SECONDARY 4 STUDENTS

We at the
Astronomy
Club
welcomes you!

Our CCA houses a group of
students who are passionate
in Astronomy and would like
to learn more about
Astronomy and spread the
joy of it!

From your backyard
stargazing friends

HCJC STUDENT NATIONAL EDUCATIONAL COUNCIL (SNEC)

**STEP OUT OF YOUR COMFORT ZONE AND
DEVELOP YOURSELF AS A LEADER TODAY!**



**WE PROMISE THAT YOUR JOURNEY WILL BE A FUN-FILLED
AND ENRICHING ONE!**

**WE PLAN RACIAL HARMONY DAY, NATIONAL DAY ,
TOTAL DEFENCE DAY AND INTERNATIONAL FRIENDSHIP
MONTH CELEBRATIONS**

NEW CCA !!!!!

JC SOCCER

HAVE YOU HEARD THERE IS A NEW SPORTS CCA
IN JUNIOR COLLEGE?

LOOKING FOR A CCA
THAT KEEPS YOU FIT?

A CCA THAT WILL FORGE
LIFE LONG BONDS WITH
TEAMMATES?

NO PRIOR BACKGROUND KNOWLEDGE NEEDED

**TRAINING AT HWACHONG JC
ASTROTURE**

ONLY @ HWA CHONG JC

2 REVIEW

2.1 Literature review

Current resources like the JC CCA website created by the CCA council in JC are not specifically targeted to secondary 4 students in the high school section, instead to the general masses. Furthermore, the JC CCA website contains long paragraphs which may overload these new students with information. We believe that we can improve the website, by making the information we provide more bite-sized, so that our users can easily understand it.

2.2 Past Projects

Currently, there have not been past projects that provide students with information on CCAs in JC. When information is unavailable, students need to spend time to visit different websites to search for information on the different places of interest, which may cause students to be upset due to them needing to go through lots of trouble to do so. We aim to consolidate all this information into bite-sized pieces so that students can understand it more effectively.

3 METHODOLOGY

3.1 Needs Analysis

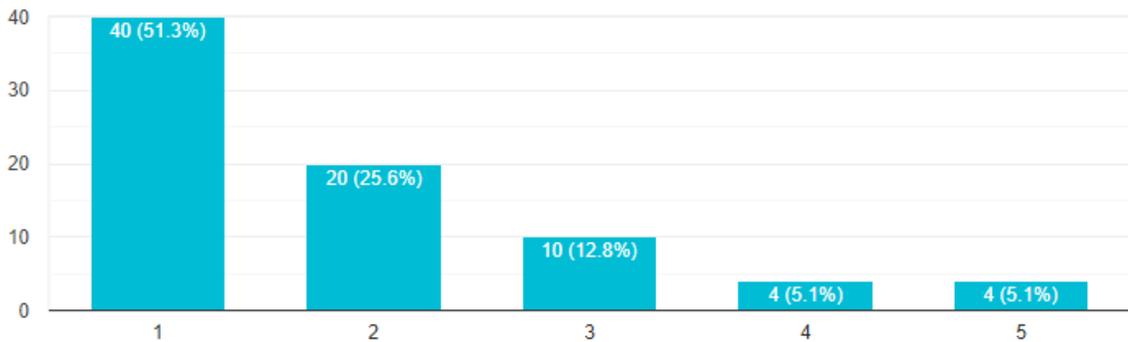
We conducted a needs analysis on Secondary 4 students (heading to JC next year).

Of 78 responses, we have concluded that:

- More than $\frac{3}{4}$ of the respondents (76.9%) are doubtful of their choice of CCA.
- 85.9% of the respondents have had their mood affected because of CCAs and are unsure of what CCA they are going to select when they go to JC.
- More than 87% of the respondents agree that an accessible website would be highly beneficial.

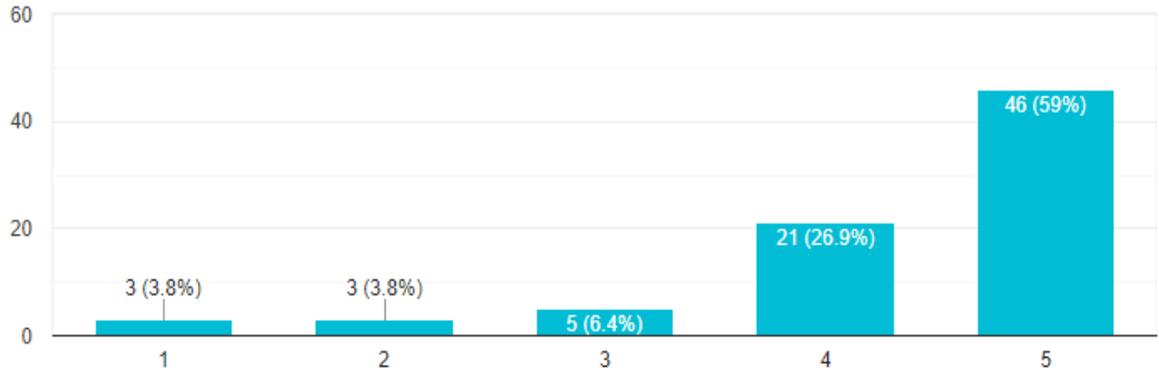
Are you confident that you have made the right choice in choosing your CCA?

78 responses



Has your mood for the day ever been affected by your CCA?

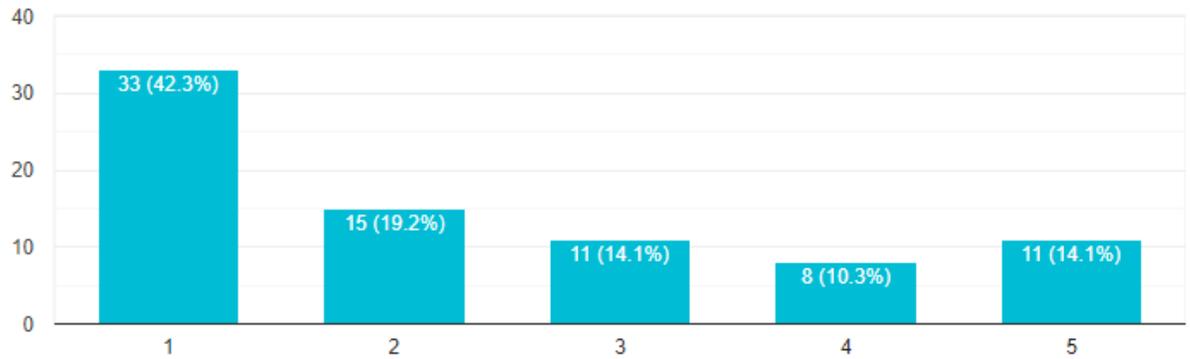
78 responses



Do you enjoy your current CCA?

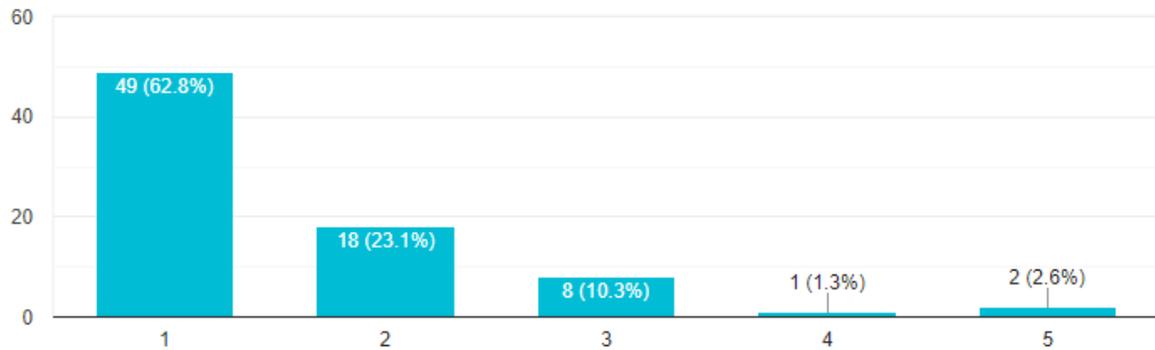


78 responses



How well do you know about the CCAs that are available in JC?

78 responses

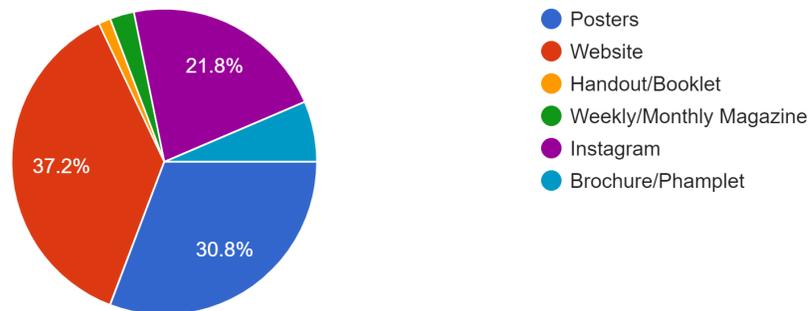


From this, we have concluded that our resource has demand, and will be useful for the respondents.

3.2 Development of Resources

Which platform would be the most accessible and effective?

78 responses



In our needs analysis survey, we also asked respondents about the different resources that they feel would benefit them the greatest. Out of all the options provided, a website and posters were the most popular, so we decided to go with those.

3.2.1 Website

In order to help these Secondary 4 students have a better understanding of our project, we have decided to come up with a quiz which they can complete to find out which category of CCA suits them best, a website consisting of basic information about most, if not all the CCAs in College section, as well as a decision making matrix which they can download and fill in to help them decide which CCA is best for them. We have also provided advice from seniors who have already gone on to JC, on how they have chosen their CCA as well as different criterias to consider.

<https://sites.google.com/student.hci.edu.sg/ccaid/home>

Quiz

Which type of CCA is right for you?



CCAs will play an important role in your journey in JC, therefore, it is important that you choose one that best fits you!

TAKE THE QUIZ

Website



Floorball

Description:

- A sport where players use a floorball stick to move a floorball around, where the goal is to send it into the opposing team's net, to score a point.

Schedule:

- Mon: 5pm - 8pm, Wed: 6pm - 8pm, Sat: 9:30 am - 12pm

Achievements:

- National School Games Floorball
- A Division Championship

Requirements:

- Willing to commit; Resilient
- Physically Fit

Decision Making Matrix

	<u>Time</u>	<u>Passion</u>	<u>Skills</u>	<u>Achievements</u>	<u>Total Score</u>
CCA #1					
CCA #2					
CCA #3					
CCA #4					
CCA #5					

Seniors' Advice

Q. Why did you choose your current CCA and what were some things you considered?

A. I chose my CCA mostly because I had experience with it, but mostly because I was interested in it. I **considered how long practices were** and whether I could keep up with school work if I were to join the CCA. I also **considered whether the CCA would be likely to accept me**, and I finally decided on this CCA as I was quite certain I would be accepted due to prior experience in music.

Q. What are certain CCAs that you think students would enjoy themselves a lot and should consider (cool experience)?

A. I think that each person has their own personal interests and **should choose a CCA in which they would prefer**, rather than listening to others' opinion. However, if I were to recommend a few, it would most likely be the Symphonic Band, the CCA I am currently in, or some of the **Service & Enrichment Clubs**, as they have very active participation in school activities and is very different from what one would expect. Again, before listening to others, one **should listen to themselves**, and choose the CCA that they are interested in.

Q. What general advice do you have for your secondary 4 juniors on choosing their CCA's in JC?

A. I do not have anything much to say, but students should not apply for CCAs on impulse. Remember to **consider your choices** and choose the **CCA which you think you will have the best interest** in. There is no point being in a CCA which you have **no motivation** for, doing nothing productive, and not making any memorable experiences.

3.3 Pilot Testing

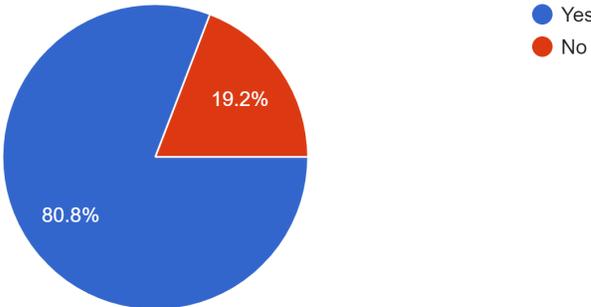
Our pilot testing was rolled out twice. Firstly, we asked more about their satisfaction on the website we have developed and requested for feedback. We then implemented this feedback into our website. The second phase was to see the change in satisfaction of our website and whether our new implementation brought about higher audience satisfaction.

3.3.1 Pilot Test 1

These are the results of the first phase of pilot testing for our website (stats).

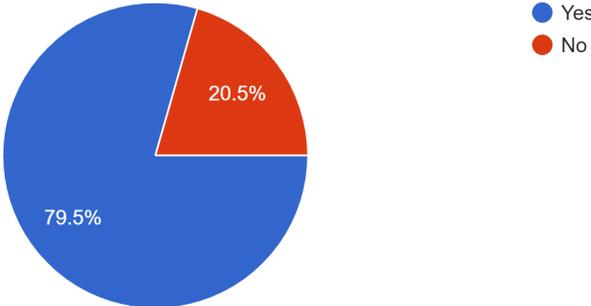
Have you come to know about CCAs that you did not know about previously after using our resources?

73 responses



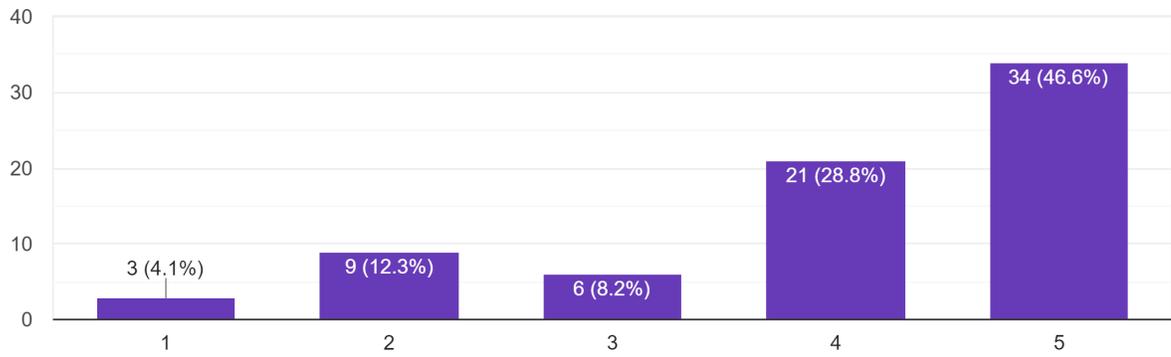
Did you learn more about the CCA you are interested in / considering to join?

73 responses



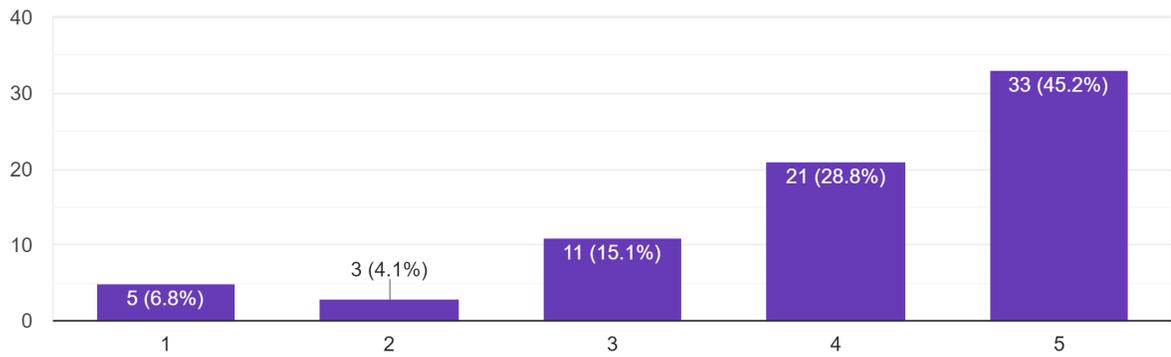
Was the information from our resources useful in helping you to choose your CCA?

73 responses



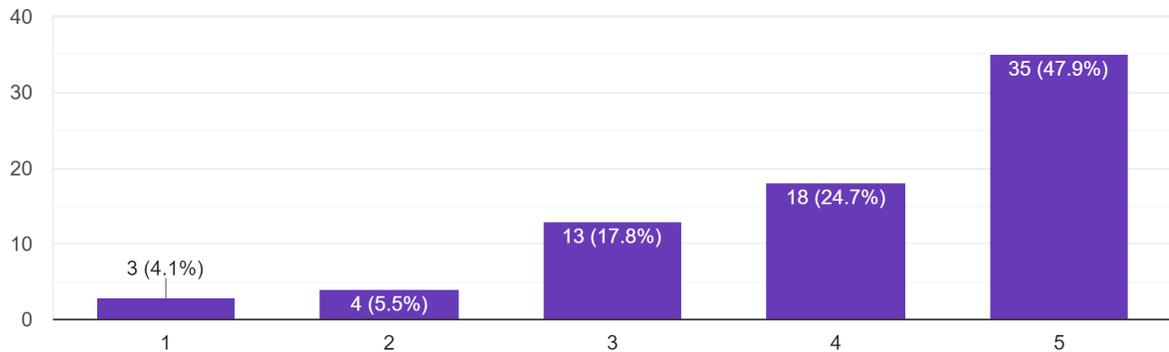
Was using our resources appealing to your eyes and enjoyable?

73 responses



Are you more confident in making the right choice of CCA after using our resources?

73 responses



With these survey results, we can see that:

- The first 3 charts show that an average of about 78% of those who were surveyed learned and gained new information about CCAs.
- The next 2 charts show that an average 73% of those surveyed have felt our website was good to use and overall are more confident in making the right decision for them.

These are the results of the first phase of pilot testing for our website (interviews and suggestions)

Zaccheus Tan, 4I4: “The decision making matrix is too simple and could have been more interactive.”

Lee Yi Kai, 4P2: “I feel that more can be done to develop the decision making matrix as it is quite stale and not user friendly enough.”

Gareth Lau, 4I1: “Definitely an area of improvement is the decision making matrix. It is indeed useful as a resource but it could be a more automated process and less manual, making it more attractive to users.”

Before the second pilot test, we improved our matrix. Instead of it being on google docs where the user would key in and calculate the score by themselves, we created a google sheet where the total score will be automatically calculated and the CCA with the highest score will be displayed.

1		Time	Passion	Skills	Achievements	Total
2	CCA 1					0
3	CCA 2					0
4	CCA 3					0
5	CCA 4					0
6	CCA 5					0
7						
8	Best CCA	CCA 1				

For example:

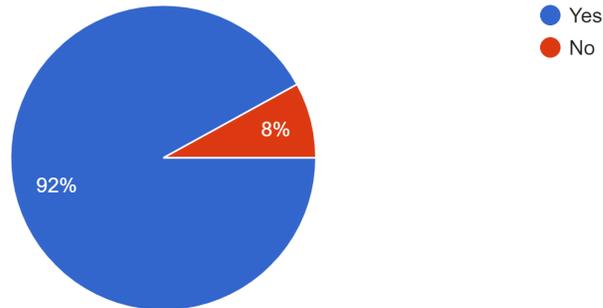
1		Time	Passion	Skills	Achievements	Total
2	Floorball	3	1	3	4	11
3	Football	2	5	2	3	12
4	Wushu	1	3	1	5	10
5	Basketball	4	2	5	2	13
6	Green Council	5	4	4	1	14
7						
8	Best CCA	Green Council				

3.3.2 Pilot Test 2

These are the results of the second phase of pilot testing for our website, after feedback was considered and our website was catered and improved to our audience's suggestions.

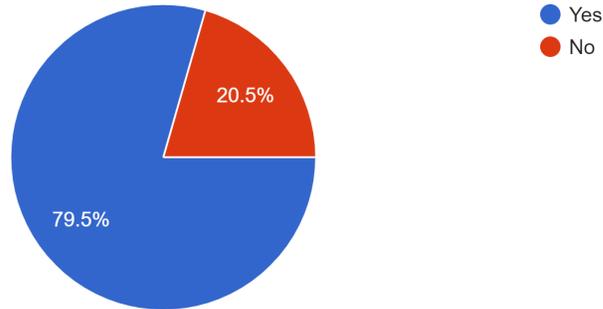
Have you come to know about CCAs that you did not know about previously after using our resources?

75 responses



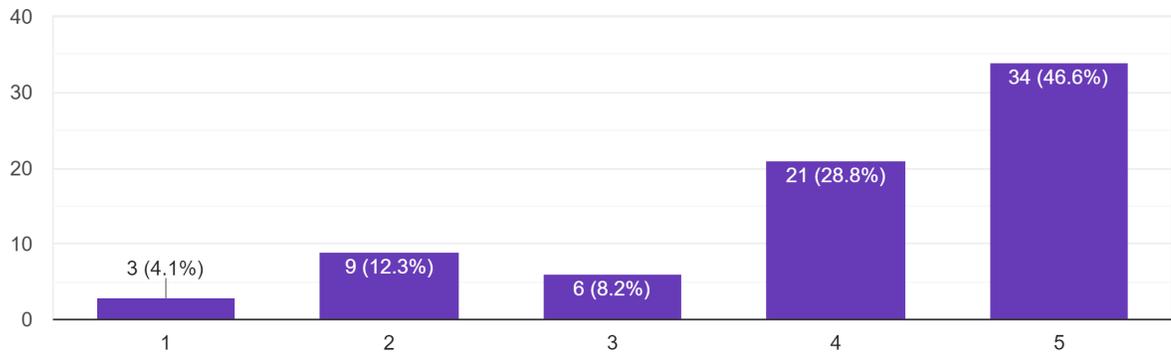
Did you learn more about the CCA you are interested in / considering to join?

73 responses



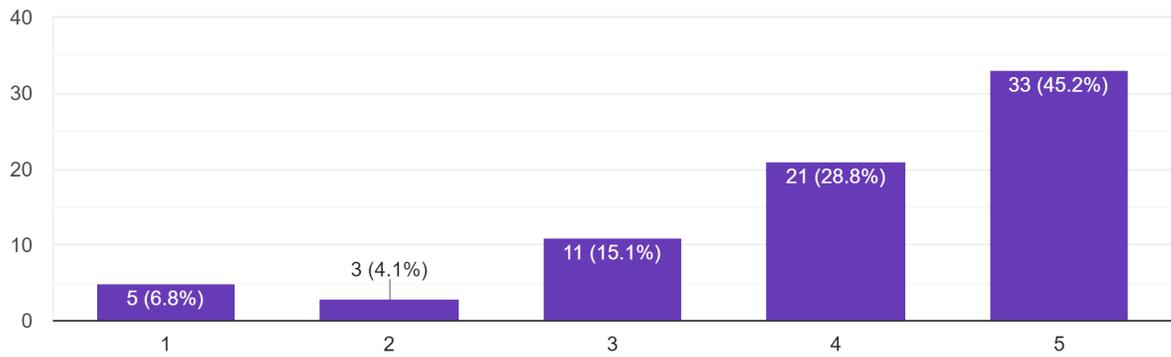
Was the information from our resources useful in helping you to choose your CCA?

73 responses



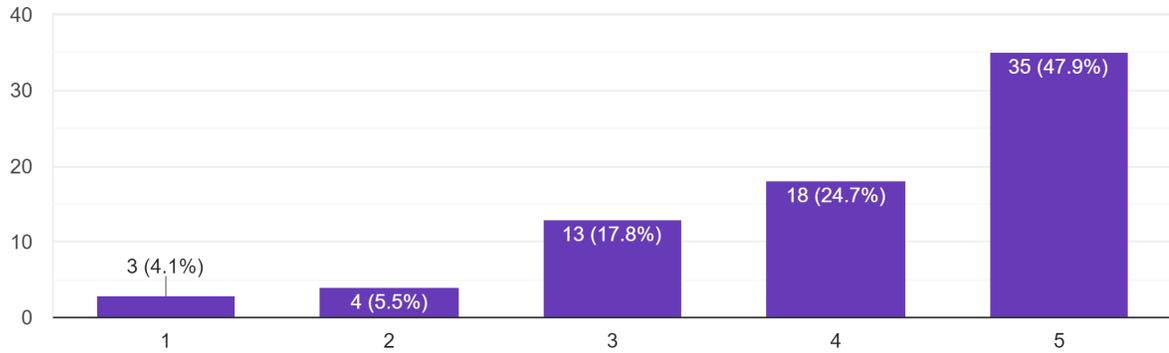
Was using our resources appealing to your eyes and enjoyable?

73 responses



Are you more confident in making the right choice of CCA after using our resources?

73 responses



With these survey results, we can see that:

- The first 3 charts show that an average of about 90% of those who were surveyed learned and gained new information about CCAs and are confident to make a more informed decision, a 12% increase from our first pilot test.
- The next 2 charts show that an average 87% of those surveyed have felt satisfaction after using our resources, an increase of 14% from our first pilot test.
- More users are satisfied with the website and find it more useful and user friendly after changes to the website were implemented.

4 OUTCOME AND DISCUSSION

Hence, from our statistical analysis, we can conclude that the resources we have are useful and effective to most if not all of our users. Judging from the results obtained from needs analysis as well as the pilot tests, we have determined that many of the students who have viewed the website have benefitted from it, not just from the information provided about the respective CCAs, but also from the decision making matrix. They are now able to make better choices and are more confident that they have made the right CCA choice. As shown from the pilot tests above, our website can be said to be polished, and is easy to navigate. Considering limitations, there may be newer CCAs in the future which will need to be added to the website, and their schedule, achievements and requirements are bound to change over time, thus our resources have to constantly be updated to ensure the information is as accurate as possible.

5 CONCLUSION

Project CCAid was definitely not as easy as we had thought it would be, We ended up having to do much more than what we had planned. Only after a few pilot tests are we able to customise the website to even better fit our target audience, and be a useful resource for them to make an informed decision about the CCA they are about to pick. We also realised the need of constantly improving and putting in effort to enhance and refine our resources, to make it the best that we could possibly put out to our audience, so that it can better cater to their needs. We have also found out that the way information is portrayed and comprehended by our audience plays a big role in the amount of information one is able to grasp and fathom. All in all, we want to make this a resource one that can be of great help to the Secondary 4 students as they are sometimes assumed to be able to make correct decisions.

6 REFERENCES

1. JC CCA Website. Retrieved on 16 May 2021
<https://hwachongccas.wixsite.com/ccawebsite>
2. MOE CCA Programme Website. Retrieved 13 March 2021
<https://www.moe.gov.sg/programmes/cca>