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HCI AskMe [9-13]

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Aim of our portal

Our portal aims to aid the flaws with the resources that we currently have. The staff room is only open from 130-230, so students might not have enough time to meet the teacher to clarify any doubts. Allowing students to clarify their doubts with their peers will give them a sense of belonging in this school, thus allowing them to settle in faster. Furthermore, students who do not wish for their identity to be exposed can remain anonymous on this portal, thus benefiting many.

Rationale for creating this Portal.

When we first stepped into the huge campus of Hwa Chong, we were very lost as we did not know where to go, and how to get around the school. Thus we decided to create a portal to allow students to ask questions on how to get around the school, under the “locations” section. We also have other sections, namely “events” and “academics”. These sections are all for students to ask questions, which can be answered by anyone, including teachers. Students can also see previously-asked questions. Also, as some of us experienced before in primary school, sometimes the teacher is not in the staff room when we want to meet him/her. Thus we decided to build this site, which students can ask their peers, seniors and teachers on any queries apart from using class chats.

The group also felt that many students were too shy to ask questions, especially on the first few days, to prevent themselves from being laughed at by the seniors. Thus we think that this portal will allow shy

students to also be able to voice out their troubles and questions to their peers, seniors and teachers. Some students also do not have many friends to consult either.

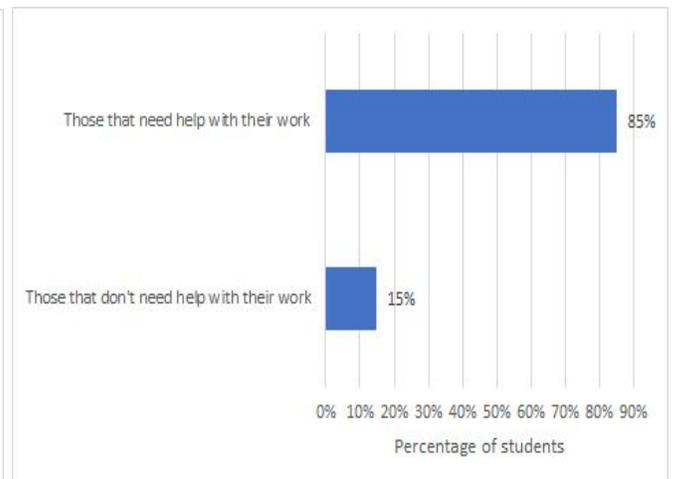
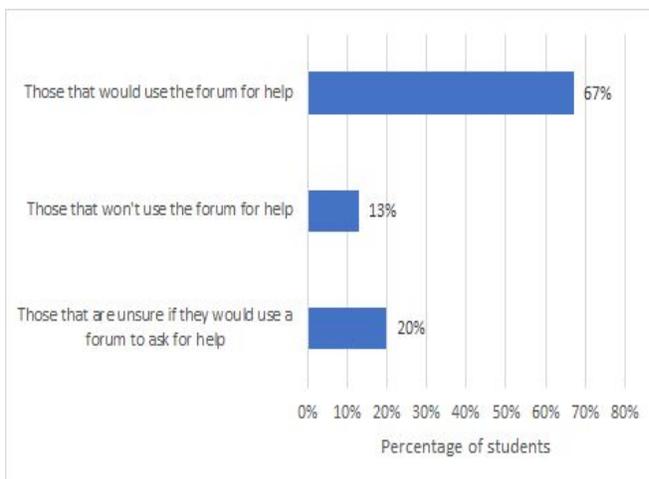
Literature Review

There were some flaws that we observed about the current situation during the first few weeks of the school term. Even though the school allows students to enter the staff room from 130 to 230 everyday to consult teachers, some students find that it is not enough. Some students who have questions regarding work, have not enough time to meet their teacher as they have something else to do, such as eating lunch to get ready for CCA, or go home. Thus we thought that it would be easier for students to consult teachers or peers through our portal.

Methodology

Survey

The group decided to create a survey to find out the percentage of the number of people who would use our portal. Below are the results:



Most of the people who did our survey would like to use our portal if we made one. Also, the majority of the students that we surveyed need help with their homework or just general questions, so we decided to build this portal.

Job Distribution

- **Mid-Term:** Christiaan was our main coder, Kevin did the slides and researched on how to code a login page. E Dean also did research on how to code a login page, researched on how to link PHP with MySQL, along with helping with the script. Yicheng researched on how to code the forum page and script.
- **Final:** Christiaan will finish up on the website, and Kevin will back him up by adding some aesthetics to the webpage, and by doing the slides. E Dean and Yicheng worked on the report, script and slides too.

How we built the portal

For the making of the portal, we used the HTML codes and PHP programming language. Our main text editor(s) were ATOM and PopSQL, which we selected after a YouTube tutorial recommended to us. We created a database using MySQL and PHPMyAdmin. We used Localhost as our web hosting page. We coded the login page, the questions page (under the three different categories), the signup (which allows new users to sign up) and also the logout page.

Outcome



Welcome to HCI AskMe forum

or [Signup](#)

This is our login page, where students can login with his username and accurate password.



Welcome to HCI AskMe forum

or [Signup](#)

Sign up

The student can now sign up for a new account.



Welcome to HCI AskMe portal.

[Home page](#) | [Academics](#) | [Location](#) | [Events](#) | [Log Out](#)

Academics

I need help with my Chinese homework. Can someone help me?

Previous Comments

This is where a student can submit a question.



[Home page](#) | [Academics](#) | [Location](#) | [Events](#) | [Log Out](#)

Academics

Enter Comment

Previous Comments

Name: Ben

Comment: I need help with my Chinese homework. Can someone help me?

[Reply](#)

After submitting the question, the question will appear at the bottom of the page.



Reply

Alex

Just read your textbook and listen in class! It will help you improve greatly!



Reply

[Previous replies](#) or [Back](#)

This is where someone can reply to a previously-asked question.

Replies

Name: Alex

Comment: Just read your textbook and listen in class! It will help you improve greatly!

[Back](#)

After submitting the response, the response given will appear under the responses section.

Implications & Recommendations

Further extensions can be done by adding new resources, such as the locations section having a map of the school as one might not be able to get an instant reply from others when they ask an urgent question.

For the improvements, we could have added more categories to our website. Categories such as CCA matters could have been added. A Frequently-Asked-Questions list could also have been added to help students get their information faster. Furthermore, we could have made a like and dislike system for the portal.

We had many troubles throughout the course of the project. We could not work together as a group, and were not able to communicate properly with each other. Also we had many problems with our code, but were unable to spot the errors, and we wasted quite some time trying to correct them.

Throughout the course of the project, we learnt that we need to work together as a group to get the job done, because it is a group project, and everyone needs to put in their effort for the group.

Bibliography

- [Google Slides](#)
- [Google Docs](#)
- [YouTube, Mike Dane PHP Tutorial Course](#)