



Application for finding appropriate universities for one's future education and to help find their personal capabilities.

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Introduction

- What inspired us to begin this project?

We noticed that newer generations of students aren't interested in planning out their future education path, which made us worry for them. Upon a quick look, we found out that the Guidance classes we take are very ineffective and incredibly boring. The issue is that the system used is poorly executed and clearly out of date.

So began our mission to update a great research project, for the future of our education.

Objectives

- To successfully make an application as a more efficient and effective way to guide new generations of students to find themselves their next educational plan.

Progression

After a few discussions, we have created a basic process of how the application will work, as the following:

1. The application will introduce itself with its purpose and how it functions.
2. Ask if the user has already had a future plan of their education for themselves
if not, continue.
if yes, skip to step 5.
3. A forum that uses **John Holland's grouping system's** questions to identify the user's grouping in the system.
4. Summarize and compile the gathered information, and display it to the user with additional recommendations on what field of study they should be studying, what they are like and what can they do after graduation.
5. Go to the home page, where the options of the best universities are.
6. The application describes and display information about the university the user had chose, with links to the university's official website and a **TCAS** link.

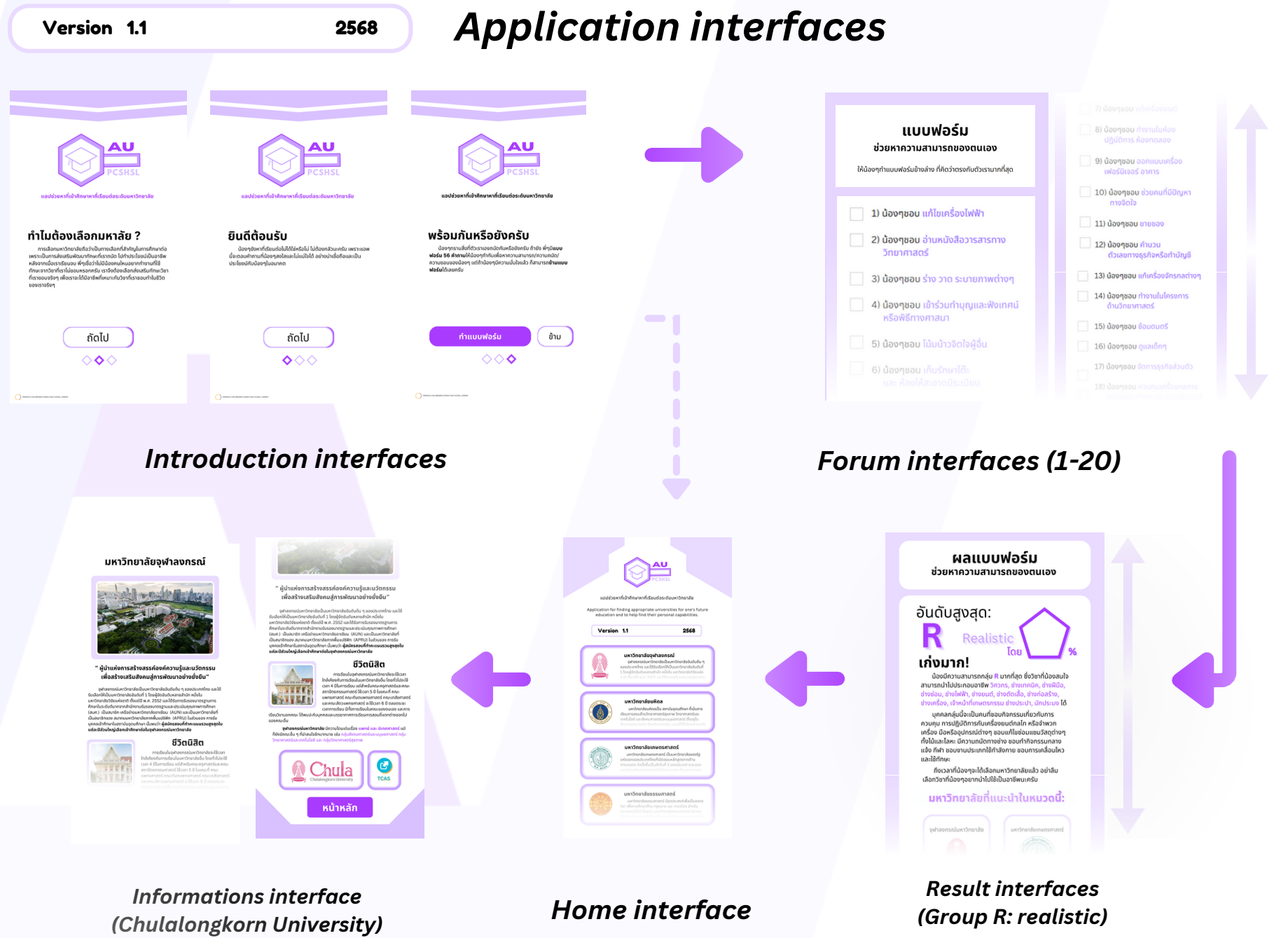
Vocabularies & Mentioned words

John Holland's grouping system is the system originally used for Guidance classes, presented in printed forums consisting in a lot of pages.

TCAS or "Thai University Central Admission System" is as the name says: the central admission system for finding criterias for every field of study of every university in Thailand.

Application development

As for the process of making the application, we used **Thunkable** due to its user-friendliness



Results & Ratings

Forum	Ratings					
	Unsatisfied (1)	Bad (2)	Alright (3)	Good (4)	Excellent (5)	Average (total/255)
1. Technological Acceptation						
1.1 User Friendliness	1	15	28	113	98	4.15
1.2 Software Simplicity	4	9	19	72	147	4.32
2. Application Quality						
2.1 Software Correctness	1	11	47	78	118	4.18
2.2 Output Correctness	2	10	14	65	184	4.88
2.3 Option Variety	0	4	14	176	61	4.15
2.4 Visual Designs	0	0	5	58	192	4.73
All Average						26.41
Average						4.40

After we were finished with the application, we also made a semi-detailed forum on the application and gave both the application and the forum to 286 of Grade 11 & Grade 12 students at PCSHSL to use the app without our help.

The averages

- "1. Technological Acceptation" is at **4.22/5**, which is **"Good"**
- "2. Application Quality" is at **4.48/5**, which is **"Good"**

Conclusions

The developed application is able to help find the potential of the user's ability and help them find their next step in the Education path. **Therefore, the application is a success.**

References

- https://www.mycareer-th.com/res_holland_codes.php
- <https://www.mytcas.com/>

Extras



Approval from
Ms. Arunee Komkai
As our guidance teacher