Information Reterieval

Project Proposal

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Title : **Dicision Maker.**

Purpose : Giving better query to user to choose limited bound.

Introduction

Sometime it is very hard to make a query. Even not only 짜장면 vs 짬뽕, there are so many things that occur people get confused to dicision. And there are so many things that are not easy to explain with words. For example, when you make your own game character, even you know you have a ideal type of character, it is too hard to make with character customize tool.

Main Idea

This project give people 2 choice, A or B. It is easier than more option to choose between 2 option. If people choose one, the system guess why people select that. the system will give more choice to people to gether more data. The system compute the difference difference between A and B and also the common point between things people selected. At final, the system can recommend gussed ideal model to user.

What potential do this project have?

I know there are so many people who have a problem to search something they want. Because the search engine is not the human, the communication between normal people and the search engine is very hard. And some ideas can't easily explain with words because it is about feeling or not-words category thing. For example, the game character customizing.

How is it done today, and what are the limits of current practice?

I saw the similar system, named 'akinator'. But I've never seen similar system without that. It means there are no expandability of this system. The main reason, I think, is there are no information or reference. This project's objective is being the reference to let other developer can follow this new method.

What's new in your approach and why do you think it will be successful?

The new one is showing this method could use on not only akinator but also any application. I think there are many new application which want to give more efficient searching experience to user. This project could be guide for new paradigm.

Who cares?

The user who have a problem to explain idea in words. And also the system that is not work on word-based like character customizing tools.

If you're successful, what difference will it make?

Then we can see akinator-like-searching system in other applicaitons. And it provide more efficiant searching experience.

What are the risks and the payoffs?

There are no guarantee that this method is better than what we use todays. And also it is very hard to change old method because user dosen't like changing something.

How much will it cost? How long will it take?

I will make a simple example application that make the customizable face with akinator-like method. And I will provide the common implementation way with document to let other developer could copy this system to their application. If i can find the open-sourced customizing tool, it will cost not much.

What are the midterm and final "exams" to check for success?

I am sorry but I don't understand this questoin well. If the question is about check-point of my project, first I will check the example customizing tool can provide result - the face - that I thought in brain and I continuously choose Between A or B. And in second I will check the other people also can make their ideal face with this customizing tool. In final I will check the documation is useful to other developer to understanding implementation this method to their system.