

- How to write Chinese Characters? - Interesting Education Applications for the Tablet PC platform

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Introduction

Language learning is very important to children. The group used the handwriting feature of Tablet PC to produce an application which teaches children Chinese Characters and the correct way to write them.

Aim

This project aims to teach children Chinese Characters especially how to write them in a correct shape and stroke order. This application gives children an effective way to practice Chinese Characters writing, and also make learning more interesting. Moreover, this easy and simple teaching method can motivate children to learn Chinese writing.



System Overview

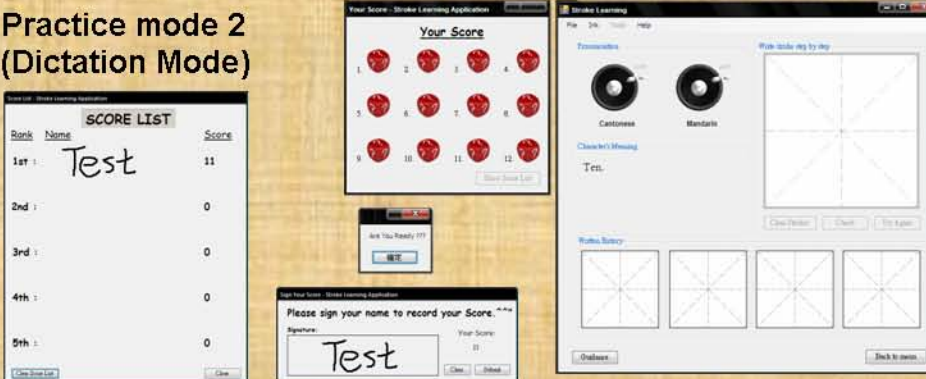
1. Learning mode



2. Practice mode 1



3. Practice mode 2 (Dictation Mode)



Implementation

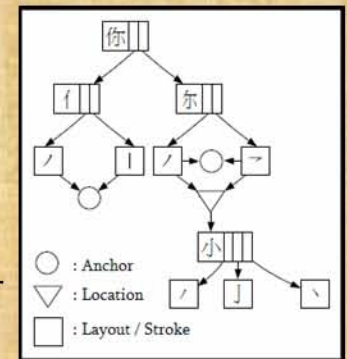
1. Stroke Recognition:

The program use five criteria to check the correctness of a stroke.

- Stroke Type
- Stroke Size
- Stroke Order
- Stroke Position
- Intersection Points

2. SCML:

- is a sample method to store Chinese stroke information.



Conclusion

The group believes the program matches the requirements of this project and it is very useful for children to learn Chinese Characters. Although there are still many things to add, the group hopes this program can be finally become a real product.