Web 2.0 multiple learning for Chinese classic texts

Within the EU IST Network of Excellence PROLEARN in Professional Training and the German Excellence Clustering UMIC project, this thesis focuses on a multi platform technology enhanced learning environment for Chinese language, literature, history and culture. The underlying learning repositories could be the Chinese classic texts (Chinese classic poetries) which are an effective means to develop children’s intelligence by learning Chinese characters, texts composition and Chinese history. Even more, Chinese classic texts or Chinese classic poetries could be a new method to learn Chinese as a foreign language. Meanwhile, it is challenging to employ the state-of-the-art technologies in this area. On the one hand, Web 2.0 technologies connect the Internet and people at all ages more easily. On the other hand, mobile applications have developed rapidly. Diverse small mobile devices such as cell phones, pocket PCs or Apple iPods would be a good platform to part knowledge within a wide community.

This diploma/master thesis aims at exploring user-friendly human computer interaction with Web 2.0 and mobile technologies in technology-enhanced learning environments. How to exploit one learning application for wide communities with different learning goals on diverse platforms is the central research question.

The diploma/master thesis candidate should have knowledge on databases, Java, and XML technologies like XML Schema, XSLT, AJAX etc. Basic Chinese language skills are required.

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