**PROPOSAL FOR IMAGINE CUP COMPETITON**

**Proposal Name: PES (Primary E-learning System)**

1. **CONTENT:**

Education Guideline for everyone not only facilitates for the disadvantaged about reading and writing, but also helps them integrate into society. Research results show that the higher your educational background is the higher income you have in the future. If you get more chance to study, you would have more chances in life and better take care of yourself as well as your family. It is not only Viet Nam’s top goal to universalize primary education but also the target to be achieved of many other countries in the world.

According to national report on Millennium Development Goals (MDG) 2005, Vietnam has achieved impressive achievements in the field of education and training, especially in consideration of relation with income per capita. As of 2000, Viet Nam has completed the goal to universalize primary education.

However, domestic statistical figures of illiterate residents have been 1.7 million by 2008. The figure demonstrates the fact that illiterate people can be not only children but also teenagers and adults.

Being literate is people’s basic right. It doesn’t only help people read, write, and do calculations, but also facilitate people’s abilities of understanding, creating, and communicating through appropriate materials. It can even help people enrich and widen their knowledge.

There is a question why so many people are illiterate though learning is a human right and it creates big advantages for people?

There are many reasons like shame of disabled, the illiterate elders, or may be due to economic conditions, limited time …

Therefore, with the idea to help solving the above existing problems, to help the universal elementary education in the other direction, in which not going to school but still guarantee their studies in accordance with the program, we propose the idea of online learning website. Through the lessons and games attractively and visibly prepared, users can both study and entertain themselves. On the other hand, website can help the users approach gradually technology more modern and effective learning methods. It just takes a little basic knowledge about computer to help you learn or do calculus from beginner level to advanced one.

1. **SOLUTIONS**

The website is an elementary educational level that is built based on the standard programs of the Vietnam Ministry of Education and Training; it is helpful for learners to easily get an approach to study with the class subjects which are classified from easy to difficult level.

Up till now, the system has been applied to maths and Vietnamese language of the 1st grade. Each subject is divided into units. At the end of every unit, there is a drill exercise and test. It is helpful for learners to improve memorization and reacting skills with fun-study games … Besides, there are collective games exchanged among families with their children having studied on the web or contributing their lessons.

1. **TECHNOLOGY:**

MULTIPOINT

ASP.NET MVC

SQL Server 2005

LINQ

SILVERLIGHT

Web service

1. **EFFECT ON COMMUNITY:**

Forecasting this website will have wide and deep effect on community, contributed to increase efficiency of universalizing primary education, support for remote education system and the handicapped and the elderly having no conditions to attend school, using technology in learning.

1. **PLAN:**

Build an online primary education system through internet.

Up to now, the system has completed learning Vietnamese language page of the 1st grade and has continued to complete learning Math page of the 1st grade. In the future, we will completely build a primary education system which includes classes having a variety of subjects.

1. **ABOUT US:**

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