**E-Learning Platform using Cloud Computing**

In recent years, e-Learning has speeded up the knowledge transfer without restrictions on time and space in recent years. In order to achieve the goal of knowledge sharing and reusing interactively, lots of available e-Learning standards have been adapted to complete this purpose. Normally, learning objects meeting these standards are sharable with other e-Learning platforms. Most e-Learning platforms, however, are unable to share learning objects directly on the Internet. Many businesses and schools have set up e-learning platforms involving Learning Management System (LMS). There are many forms of e-learning that are developed, but they are not able to share with one another due to lack of reliable sharing mechanism. One of the possible solutions to this problem is cloud computing.

In the Cloud computing infrastructure, the sharable e-Learning platform can be proposed to provide a good learning environment for learners. Three layer architecture of the e-Learning platform is provided to facilitate the sharing, reusing learning objects and interoperability among various learning content efficiently. The middleware layer imports an indexing module and a metadata transformation module to complete metadata exchange among acknowledged e-Learning standards. Therefore, learners can make use of available learning objects without having to be affiliated with other LMS. The proposed e-Learning platform based on Cloud computing infrastructure would allow the independent LMS embedded in different e-Learning standards to share the learning objects. In short, you can say cloud computing will help huge amount of learning objects to be accessed reliably and flexibly over the Internet.