

Abstract

The development of e-learning systems in educational institutions and corporations have much to contribute, especially in the learning process. With the growth of technology, especially the Internet, e-learning system to be better and have more impact on users. E-learning system that is running / has no more synonymous with the virtual classroom, which moved into the virtual world learning environment. So that learning content is only from teacher, while the learner can only do exercises and take learning materials provided. E-Learning of this kind will create a learning-oriented only on results, not from the learning process.

Therefore, in the final project, entitled *Implementation of E-Learning with The Personal Learning Environments Approach on the Learning of CodeIgniter PHP Framework* is designed to provide solutions, or add a treasure in the world of e-learning to create a learning environment that is more open and collaborative as well as having the integration with another service that can assist in the learning process. As Web 2.0 services are already widely used and well liked, such as blogs, wikis, social networks, social bookmarks, and other social content. So that the learner can create their own learning environment that can add interest to learn, to contribute actively in the learning process either for himself or for another learner. Can train the learner to learn independently and make a portfolio for himself, which can be used as an ingredient in a learning assessment.

This final project is implemented using the PHP CodeIgniter framework and MySQL database.

Keywords : *Social Networking, Integration, e-learning, Learning, Collaboration, Personal Learning Environments, Web 2.0, CodeIgniter*