ABSTRACT

Online learning or E-Learning is a learning method which use computer network and internet as the media. Along with the development of information technology, the demand of globalization in education, and long-distance learning, various concepts have been developed to complete the traditional learning method, one of them is education field concept, as well as the facility when the teacher couldn't come to the class. Social Media Learning-based Application in SMAN. 1 Singaparna developed for the teaching learning process in SMAN. 1 Singaparna which still rely on face-to-face meeting. Thus, if the teacher couldn't come to the class, the materials, the assignments can't be given to the students, whereas the materials must be given and explained in such a limited time. The achievement of the successful teaching learning process is influenced by the good communication process between the teacher and the students. This process is hard to be reached, because the students tend to be unconfident to communicate with the teacher directly.

From the issue, the idea to make the Social Media Learning-based Application which has functionality of uploading the materials, tasks, files and links, score, assignment result, checking the score, checking the students' identity, and leaving the comments is arise. The method which is used in making this application is waterfall method, withPHP system languagewith Code Igniter (CI) framework, using Sublime Text 2 as the editor tools, and MySQL as the database.

Making this application has the purpose to facilitate the teacher and the students to deliver the materials, score, file which supports the certain file formats, such as pdf, .doc, .docx, .xls, .ppt, and MP4, downloading the tasks, materials, and files, and facilitate the good communication between the teacher and the students by using the comment feature.