

ABSTRACT

SMP BPI 1 (Indonesian College Agency) is a private school located in Bandung, Jl. Burangrang No.8, this school is under the auspices of the BPI Bandung Foundation. Founded in 1962. Information technology at this time in SMP BPI 1 Bandung in the implementation of the operational learning body still uses conventional media. While BPI 1 Bandung Middle School wants to utilize the existing technology at this time, especially by teachers who have to provide materials and questions to their students with 1-3 hours for each subject, because the time given is not enough to provide material and questions to students. Therefore the school must develop learning and the development of student evaluation in learning and provide material support outside conventional media. This application is built based on web that has several features so that users can get access according to their respective roles. This web-based application is built using the waterfall method, using the Hypertext Preprocessor (PHP) programming language and Codeigniter Framework (CI). With the construction of this application, it is possible for teachers and students to carry out learning outside the classroom, the teacher can also monitor the progress of learning outside the classroom and by providing upload and download material features, students can learn the material to be discussed in the next class, so the teacher does not need to explain the material too much in class.

Keywords: SMP BPI 1, Application, Hypertext Processor (PHP), CI Framework.