

## ABSTRACT

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Learning Management System or commonly called LMS (Learning Management System) is a learning system from a software application that can help a distance learning process. This system really helps the learning process as is happening where everyone has to keep their distance because of the pandemic they are experiencing. Schools must change their learning system online. Likewise, the learning process at Prestasi Prima High School. Some of the problems in this learning process that occur are students who have difficulty understanding lessons, students who have difficulty in making attendance, teachers also find it difficult to collect attendance data, as well as schools who find it difficult to monitor the learning process, to the many applications that must be used to support learning. from this. To deal with these problems, a learning management system application has been built that can carry out the learning process, provide material to students, students can make attendance and teachers can record each student's attendance. The methodology used in completing this application is Prototype with PHP programming language and CodeIgniter Framework and MySQL database server. Based on the tests that have been carried out, it can be concluded that the Learning Management System application is able to facilitate teachers, students, and also the school in carrying out the online learning process at Prestasi Prima High School.

Keywords : Learning management system, prototype, codeigniter.