

**DEVELOPMENT OF WEB-BASED CERTIFICATE PROCESSING SYSTEM IN
THE HIGH SCHOOL OF ADISUTJIPTO TECHNOLOGY**

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ABSTRACT

A certificate is a piece of letter as a sign of recognition that a person mastering a particular competency, has followed an event, or a mark of ownership of an item. Certificates are not all hard copy-shaped sometimes there is also a soft copy or can also be referred to by e-Certificate. The purpose of the Web-based certificate processing system in Adisutjipto High School is to assist in the process of making certificates easier and faster, creating a certificate processing system using PHP and MySQL databases, Certificate Form Portable Document Format (PDF). The way the system works from entering the data then processing the data and displaying the output, in the testing phase of the system is still implemented on localhost and the computer itself, but still requires the Internet network when it will be displays output and drag and drop output stages. Testing the application using the laragon application as a server then the DBeaver application to open the database and browser to run the certificate processing system, the result of testing this application is the output of the certificate displays all data that has been registered starting from authentication data, certificate data and student data and if not entering any of the data then in the output display will occur error, then the output display is still not too neat.

Keywords: *Certificate, Sertifikat, System, Database MySQL, PDF, Laragon, Dbeaver, Localhost, Web, PHP, Internet, Drag and Drop.*