

## ABSTRACT

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*Assessment is an activity where the students assessed or measured ability, has the extent to which the student understands and knows the clumps of knowledge of each course that has been taught. Web-based management information system is an integrated system that processes data from the academic community related to the assessment to produce an information management system of assessment required by the users. The absence of a web-based assessment information management system for the academic community of applied science faculty, especially for lecturers and students in managing data related to the assessment make the process of data management become not timely and often late in reporting, and complicated because still must be processed again through several stages until the data can be neatly arranged and can be processed properly. Therefore a web-based assessment data management application are created for more systematic and neat data assessment. The method for making the application is the waterfall model. Waterfall method is a sequential and structured software development process starting from passing the phase of planning, modeling, implementation, and testing. On Making the application using this method because it is considered very suitable to apply given the web application made large scale and complicated systems. This application is created by using PHP programming language, MySql database, Apache web server and tools editor using sublime text. Thus, all data management concerned with the assessment can be helped by the existence of this application.*

*Keywords: assessment, data management. Question banks.*