Abstract

Learning activities are not limited to the delivery of theory content and evaluation, but they also include some experiment activity in laboratory. Some subjects require experiments activity in the laboratory, i.e. Biology, Mathematics, Chemistry and Physics. Those subjects demand the educational institution, high school in this occasion, to provide facilities and infrastructure in the form of laboratory equipment in order to support experiment activities. However, the experiment activity currently conducted in laboratory not yet suffice the need of student to learn independently. An additional experiment activity is needed, in such way that takes time other than learning hour and can be done independently. Laboratory access must not limited to attending school laboratory physically, in a sense that non-physical laboratory such as virtual laboratory may also be included. This research result an implementation of virtual laboratory in the form of computer application that is available anybody for experiments with affordable cost at any given time and place as long as connected to main server provider.

References

- Hidayat A, Purwanto H. 2013. "Designing Application of M-Learning based on
Virtual Laboratory Implementation To Support High School Learning


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