

CHAPTER I INTRODUCTION

1.1 Background

Education is very important and useful for the human being. No one is born in this world in a state not necessarily smart and skilled to solve problems in life without going through the process of education. For that education is a regular system that develop a mission wide enough that everything connected with the physical development, skills, thoughts, feelings, ability, social until the issue of trust and faith.

In the existing education learning process which comprises between teachers and students are being integrated. In the process of learning, the teachers must be choose and innovate in making methods and the correct media. If a teacher is not appropriate to determine the methods and media to be used in the learning process, the process of learning will be in vain and did not reach the goal and competencies expected. Educator competence in developing learning media a determining factor for the benefit of learners in achieve the expected competencies (Punaji, Setyorini, 2010).

Based on data analysis, the average of learning media validity was obtained by three validators is 4.13 (valid). Practicality of media was obtained by teacher's responses is 93,40 % (very strong) and the student's response is 91,40 % (very strong). The learning media has met the criteria of effectiveness of 92 % students achieve a mastery learning value. The improvement of chemistry learning outcome based on data analysis was obtained by the normalized gain of 0.79 (high category). Based on the results of this study concluded that interactive learning media PowerPoint iSpring Presenter that was developed are valid, practical, and effective (Riduwan., 2010).

The problem posed by educators today is innovation in developing learning media were wrong to support and develop learning media also does not have knowledge and skills. As the development of science and media technology as a teaching aid, developing so fast in accordance with the materials will be delivered

by educators in supporting the process of learning that is expected. Learning media contribute to improving the quality and quality of learning, presence learning media not only helps teacher in provide material the learning for learners but give value added on activity learning.

Time this many media learning in all subjects at all levels of education are sold in the market. However, the price offered enough expensive for most people. by developing his technology which this rapid, then many things that can be used to make learning media, especially technology-based learning media. Then it would be learning teachers can make learning media in independent.

In this research, researchers will make the learning media use iSpring Presenter software. iSpring Presenter is a software that could change file percentage into flash form and it can easily be integrated to the Microsoft PowerPoint. Actually, in using Microsoft PowerPoint could used without using iSpring Presenter but the results are displayed less interesting and less maximum.

The combined between Microsoft PowerPoint with iSpring Presenter will produce an interesting learning media. Result of media from iSpring media will change into a form flash load images, animation, audio, and video, percentages and other things which requires the availability of means of interaction with the user. The existence of this excess, expected to process learn teaching will be more attractive so that students are more comfortable, and arise interest learn that will improve student learning outcomes. iSpring Presenter based chemistry learning media this is expected to support facilities that were already, make it easy student to master the material lesson and can be used as their alternative media that make it easier to understand materi abstract nature be concrete (Mulyanto, Marlon Leong.,2009).

Based on observation and interviews in SMA Cerdas Murni, researchers find the lack utilization of learning media. Lack utilization Because teachers do not master how to use the media teaching that right, because at essentially learning media it is important to help teachers explain concepts / materials during the learning.

Obstacles that arise during this learning process that causes many students who get a pure learning outcomes below the minimum standards of completeness criteria (KKM) depending on the level of difficulty of the material. Based on the explanation from the teacher, the average test score daily students who have not reached KKM are 40% or around 12 students who have not completed a total of 32 students in one class.

Based on the above background, the researcher tries to develop the learning material in chemistry learning and to process the use of iSpring Presenter in the development of learning materials to Increase of student learning outcomes the high school students. To support success in learning activities, the researchers are interested in conducting research entitled "The Development Learning Media Based Ispring Presenter to Increase Student Learning Achivement on Salt Hydrolysis Materials".

1.2 Identification problems

Based on the background of the above problems, it can be obtained by identifying the problem as follows:

1. Many learners are not paying attention when the teacher explain the lesson as learning media used by less attractive teacher learners to concentrate.
2. Lack of the use and development of instructional media in teaching and learning chemistry.
3. The lack of improvement in chemistry learning achievement in student of class XI-SMA Cerdas Murni.

1.3 Limitation Problem

Based on the identification of problems that have been Mentioned above, the authors limit the issues in this study as follows:

1. The subject matter in the media that will be developed only concerns the material salt hydrolysis.
2. Subjects in this study is limited to class XI students of SMA Cerdas Murni in the second half in 2018/2019.

3. The expected targets is the improvement of achievements after learning media based iSpring Presenter.

1.4 Problem Formulation

Based on the description that has been Mentioned above, the issues to be Examined are:

1. How is the eligibility of learning media based iSpring Presenter on salt hydrolysis material which has been developed based on BSNP standards and media feasibility?
2. Are increasing the student learning achievement learned with iSpring Presenter media higher than the learning achievement of student who are taught without using iSpring Presenter media ?
3. How to increase of students learning achievement learned with learning media based iSpring Presenter ?

1.5 Research Objective

The purpose of this study is as follows:

1. Knowing the eligibility of learning media based iSpring Presenter on salt hydrolysis material which has been developed based on BSNP standards and media feasibility
2. Knowing the student learning achievement learned with iSpring Presenter media higher than the learning achievement of student who are taught without using iSpring Presenter media
3. Knowing improvement of students learning achievement learned with learning media based iSpring Presenter

1.6 Research Benefits

1. For School

A positive benefit in improving the learning process and add feed back to educators in the delivery of good material so that students can understand the material easily.

2. For Student

Provide direct experience for students, increase motivation and attractiveness of learners towards chemistry and help it easier to understand the concept in achieving competence.

3. For Teacher

Provide alternative teaching materials to educators to improve the quality of teaching and learning effective to establish communication between educators with learners.

4. For Researchers

The results of this study are expected to add depth of knowledge in developing learning media based iSpring Presenter.

1.7 Operational Definition

1. Development is a behavior is to make something in the desired direction in order to get something better.
2. Learning media is media that uses iSpring Presenter can be used as a tool to stimulate the attention of learners, critical thinking, and feeling happy learners in learning activities to achieve the learning objectives.
3. Ispring Presenter is a tool to make learning media is the presentation that can be used in the learning process that includes aspects of media on audio, visual, audio visual equipment, and various types of evaluations that have been provided. Additionally, Ispring Presenter can convert PowerPoint files into flash attractive form so that the user can use either directly or optimized for learning in the form of e-learning. Interact directly towards the material presented plus the principal material in the power point.