

ABSTRACT

Physics is one of creepy lesson for high school students. Physics is a combination between memorizing and counting. Because of that, physics needs good analyzing skill. Students fear of physics because they lack of understanding, exercise, and there is no simulation about this subject. Beside of that, lack of free learning media, even it is online media or print media, gives student hard time for understanding the lesson.

In this final project build a website that can be used as learning media, that is physics subject learning media for 10th grade high school students. This project cooperate with SMA Negeri 8 Bandung. This website contains physics matter for grade 10, exercises, simulation theory, download materials and see the score that has been obtained. Simulation theory is intended to facilitate students in understanding the theory. This website will have 2 log function, ie log in as admin and students. Log in as admin to update the material, update problem, update existing simulation, see the score, adding, deleting and editing student file. On the student page that can be accessing matter theory, simulation theory, problem exercise, see the problem solution and see the score that has been obtained.

With this website, student can perform simulations for ease in understanding physics material. Because this website has simulation feature that can be used to perform physics simulation in form of flash simulation.

Keyword : Website, lesson, physics, high school