

## **ABSTRACT**

Chemistry is one of the lessons will be tested on the national final exam for senior high school. Chemistry also one of measure for science class in second grade. But the different psychology of each individu in class make material doesn't accepted maximal. With Education growths expand along with technology growth, Computer Assisted Instruction (CAI) represents ministrant media of school activity.

This Final project is made to assist understanding about Chemistry chapter Periodic sytem dan Atom structure. This tutorial is provided with animation, picture and sound. User target for this tutorial is Senior high student in 1<sup>st</sup> grade.

This Final project based on web and implemented using Personal Home Page ( PHP) Version 4.3.1 with MySQL Server Version 3.23.51 for database and Macromedia Flash MX for animation.

Keyword: Computer Assisted Instruction (CAI), Personal Home Page (PHP)