

## **ABSTRACT**

Learning everything about space are essentials for kids these days, since it's related to other science that they will learn. Also, it will grow kid's curiosity and interest to learn the other science subject. So it is necessary for kid's parents to be able to guide their children. But every so often, parents also had problems answering their kids question which is too difficult or beyond their comprehension. That is why a method of multimedia learning using *Augmented Reality* (AR) is created.

AR is one of multimedia technique where we combine real world with virtual graphic object that will be created using computer and then it will be generated automatically and realtime. In order that the object could be recognized, a "marker" is needed, where one marker is used to recognize one object.

This final project is made using Action Script 3.0 programming language, also used Flash Develop and Flex as Software Development Kit (SDK).

**Keyword : Action Script 3.0, Augmented Reality, Flash Develop, Flex**