

# **CHAPTER I**

## **INTRODUCTION**

### **1.1 Background**

Almost elementary school children in each country required to understand and comprehend the calculation of fractional in their school. Not a few children who easily understand basic fractions calculation. Alternative ways to make they are become easy to understand basic concepts of fractional is to learn by playing.

Web-based media applications as one example. which a lot of children who have started to get to know the use of the website and have been taught in most schools.

Because the reasons above, a new application need to be developed to help child to learn. An application can explain the basic concept of fractions with a display that is easy to understand and interesting.

### **1.2 Scope**

This project is created with HTML5 language programming include Javascript along CSS and using the author's own algorithm.

features contained in the program are:

1. This application can automatically calculate fractional basic calculations, then the results will come out after users to clicked on the image slices of pizza.
2. This application has sound features, like back sound and sound on mouse click.
3. This application can easily be run on each computer, because quite need a web browser that has been updated to the latest version

### **1.3 Objective**

This application was made to help children understanding the comparative material fractions. They started the application, then select

**which ones you want to learn fractions according menu available on application. After choosing one of the fraction, then the user clicks on the image of pizza available in selected fraction. Results from selected will appear on the right of the picture**