

# CHAPTER 1

## INTRODUCTION

### 1.1 Background

In the era of globalization as today English is an international language that is often used. People can learn English using a dictionary. Dictionaries are known usually a books. However, as the development of the times, books started to be abandoned. According to Adam Ardisasmita in his article entitled "Lebih Suka Baca Ebook atau Buku Fisik?" says if people prefer a dictionary that is in gadgets and online than in the form of physical books.

Dictionaries are printed and that are in gadget or online has its advantages and disadvantages of each. The advantages of a printed dictionary are the dictionary form of books usually more complete, more comfortable to read because it does not emit light too long. While the drawbacks are difficult to bring because of its large, if want to search for a vocabulary needs a long time. Dictionary which is in gadgets and online also has the advantages of easy to carry, easy to get, easy to be saved if there is content that is interesting. Disadvantages of a dictionary that is in gadgets and online are vocabulary is still incomplete and sometimes the meaning is still wrong.

Final Project will create an Indonesian-English Dictionary Using ArrayList with the C ++ programming language. In this project using C ++ programming language because want to try to save a word using a programming language that is rarely used. And will be trying to find out whether the C ++ programming language can be used to store the word in the dictionary using arraylist. The advantages of a dictionary made in the final of this project are dictionary is easy to carry and get and no one has made a dictionary using arraylist in C ++ programming language.

## 1.2 Scope

The scope of the project include:

1. This final project can translate word and sentence from Indonesia to English or English to Indonesia
2. Storing data in a txt file and then stored in arraylist, ordered list
3. Can add new word and edit word that already exists
4. This program can delete word

## 1.3 Objective

Project was created with the aim of making the Dictionary Using ArrayList, Ordered list. This will save the word dictionary in the arraylist, and will be searched with an ordered list which is searched one by one in alphabetical order. If the search word is found it will be raised translation of the word that are looking for, while if it is not found then it will not show anything.

