

**Mawlana Bhashani Science and Technology University**

**Project Report**

**Department: Computer Science and Engineering**

**Course Title: Software Development Project-I and Industrial tour**

**Course Code: CSE-2112**

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**Project Title: Console Based Offline Dictionary**

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**Introduction:**

Offline dictionary is exactly what its name suggests, a dictionary that you don’t need an internet connection to use. Dictionaries are used to solve user’s vocabulary confusion or problem. Just few clicks and the meaning is known.

The approach is to use two separate files where meaning with respective words are available and the dictionary will retrieve words according to users need. The app targets any type of computer user who ever get a word which meaning is not known to him.

We’ve used C programming language to build up a console based offline dictionary. We also used a special console to execute the C program. This project takes words as input from the user and shows the meaning of that word according to users choice.

**Motivation:**

Dictionary, a reference book that lists words in order and gives their meanings. A dictionary is one of the most important tools. A good dictionary can help you understand meanings of words better, improve your level of communication and also improve your grades by making sure you are using words correctly. Since there’s no need of internet connection, you can use an offline dictionary to look up the meaning of any words any time that you don’t understand.

Project requirement:

Software requirement:

platform: Linux

IDE: Codeblocks

Features:

1. Meaning:

2. usage

3. grammatical information

4. spelling

5. pronunciation

Limitations:

1. This application is based on C language. The major limitation of this application is the size of the SD card that the user is using

2. Currently this application cannot display the parts of speech of the word you are seeing.

3. this application can currently show only the english meaning of the bengali words that you entered and vice-versa.

Future possibilities:

making it as an android application

Adding graphics

Conclusion:

the aim of this project is to develop for the user who wants to know the meaning of daliy english to bangla and bangla to english words on user’s handle device. Dictionary proposes a new idea for better experience. The proposed system helps to access English word input and Bangla word output. The easy understanability and usability of the application makes it better. As the processing speed of the application is very fast it is ahead of all other dictionary applications with its additional feachures. Here we developed \_ to \_ which have almost all possible words in english. This project gives a new experience where the word is easily detected by the application and gives the output very fast.

References:

Google

github

Wikipedia

Bangla academy dictionary

Github link: