

Pseudocode

We have created server client connection where client can provide words, target language and Source language to the server if words is present int server then server deliver meaning in target language of word to the client in his terminal.

In server we have have

A) Login // for checking the admin validation

If username and password validate

Then admin have // we have provided switch case for different task

1 Add new language

In this function

In this function

gets(source language)

gets(target language)

FILE *fw=fopen("source_target_language.txt",a) //file has open in data folder using append mode.

gets(word)

fputs(word,fw);

fputs(":",fw);

gets(meaning)

fputs(meaning,fw);

fputs("/n",fw);

If Admin wants to close the function then he press the 1 to exits.

fclose(fw);

2 Add new word_meaning

In this function

gets(source language)

gets(target language)

FILE *fw=fopen("source_target_language.txt",a) //file has open in data folder using append mode.

gets(word)

fputs(word,fw);

fputs(":",fw);

gets(meaning)

fputs(meaning,fw);

fputs("/n",fw);

If Admin wants to close the function then he press the 1 to exits.

fclose(fw);

3 Modify Word

In this function

```
gets(path of file)
gets(old_word)
gets(new_word)
fopen(original file,"r");
fopen(temp.txt,"w");
while((fgets(str, max, original file)!=NULL)
    Replace All(String line by line, old word, new word)
    fputs(str, temp file)
fclose(original)
fclose(temp)
remove(original)
Replace(temp, original)
```

Replace All(String line by line, oldword,new word)

```
while(pos=strstr(stroll word) !=NULL)
    strcpy(temp, str)//Backup of Current line
    index=pos-str// index of old word
    str[index]='/'0';//copy all the word till old word
    strcat(str,new word)
```

4 Delete word

In this function

```
fgets(filename);
fgets(word_delete)
fopen(original,"r")
fopen(temp.txt,"w");
```

Then We call find_lno(char *file)// which find line no. of the word
while(original file not end)

```
fgets(str, max, original file);
if(line no. != current line no.)//to skip line which we want to
delete
```

```
    then fprintf(temp.txt,"%s",str)
```

```
    current line no. ++;
```

```
fclose(original)
```

```
fclose(temp)
```

```
remove(original)
```

```
Replace(temp, original)
```

5 Exit

```
return 0;
```

B) Run

In Run client gives input to server

```
gets(word);
gets(source language);
gets(target language);
buff=word+source+target;
send(buff) to server;
Received to server(buff);
Then call translate (word,sl,tl);
FILE *fw=fopen(sl_tl.txt,"r");
if(fgets(str, max,fw)==NULL)
{
    break;
}
Else
{
    str[strlen(str)-1]='\0';
    word1=strtok(str,":");
    meaning=strtok(NULL,":");
}
if(strcmp(word,word1)==0)
    return meaning;
Return "NOT Found";
```