FOOD WASTE CONTROL

CSE2003- DSA PROJECT REPORT

(J Component)

submitted by

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ABSTRACT

IT IS PREETY EVIDENT THAT THESE DAYS DUE TO THE GROWING POPULATION AND NEED OF THE PEOPLE HOW IMPORTANT IT IS TO SAVE FOOD AND MONEY AS FOOD SAVED BY ONE COULD BE USED TO FEED SOME OTHER PERSON. HENCE WE AS A TEAM HAVE TRIED TO DEVELOP A APPLICATION WHERE AN OWNER OF A FABRICATED RESTAURANT OR A MESS CAN MINIMIZE HIS WASTAGE OF FOOD AND MONEY USING OUR PROGRAMME, WHICH ALLOWS THE USER TO MITIGATE THE WASTEAGE DELT IN HIS OR HER FOODARY.

THIS WILL IN TURN HELP BOTH THE NEEDFULL AND THE SOCIETY AT THE SAME TIME LIKE KILLING TWO BIRDS WITH ONE STONE.

HENCE WE CAN EVEN CALL OUR PROGRAMM A FOOD CALCULATOR IN SIMPLE TERMS.

1. INTRODUCTION

AS WE ALREADY KNOW THE WASTAGE OF FOOD IS ONE OF THE PROMINENT AND DISTAROUS DEED OF OUR COUNTRY RESULTING INTO WASTAGE OF FOOD WHICH COULD HAVE FILLED THE STOMACH OF OTHERS.
HENCE AS THE STUDENTS AND FUTURE CITIZEN OF INDIA, WE AS A TEAM HAVE TRIED TO CONTRIBUTE A LITTLE TOWARDS THE SOCIETY BY HELPING IN ONE OF THE BIGGEST SOCIAL CAUSES OF OUR COUNTRY NAMELY FOOD WASTAGE.

2. OVERVIEW OF THE PROPOSED SYSTEM

IN THIS APPLICATION THE USER HAS TO INPUT THE DATA AS MANY TIMES AS HE WANT TO AND HENCE CAN THEN EVEN DISPLAY THE BESTCASE OUTPUT OR IN OUR CASE THE BEST MENU POSSIBLE WITH THE LEAST AMOUNT OF WASTAGE WE HAVE EVEN USED FILE HANDELING TO SHOW THE USER THE STUDENT OR CUSTOMER RATING OF SOME FOOD ITEMS THE WISH TO BE ADDED.

Software Used:

- **CODE BLOCKS**

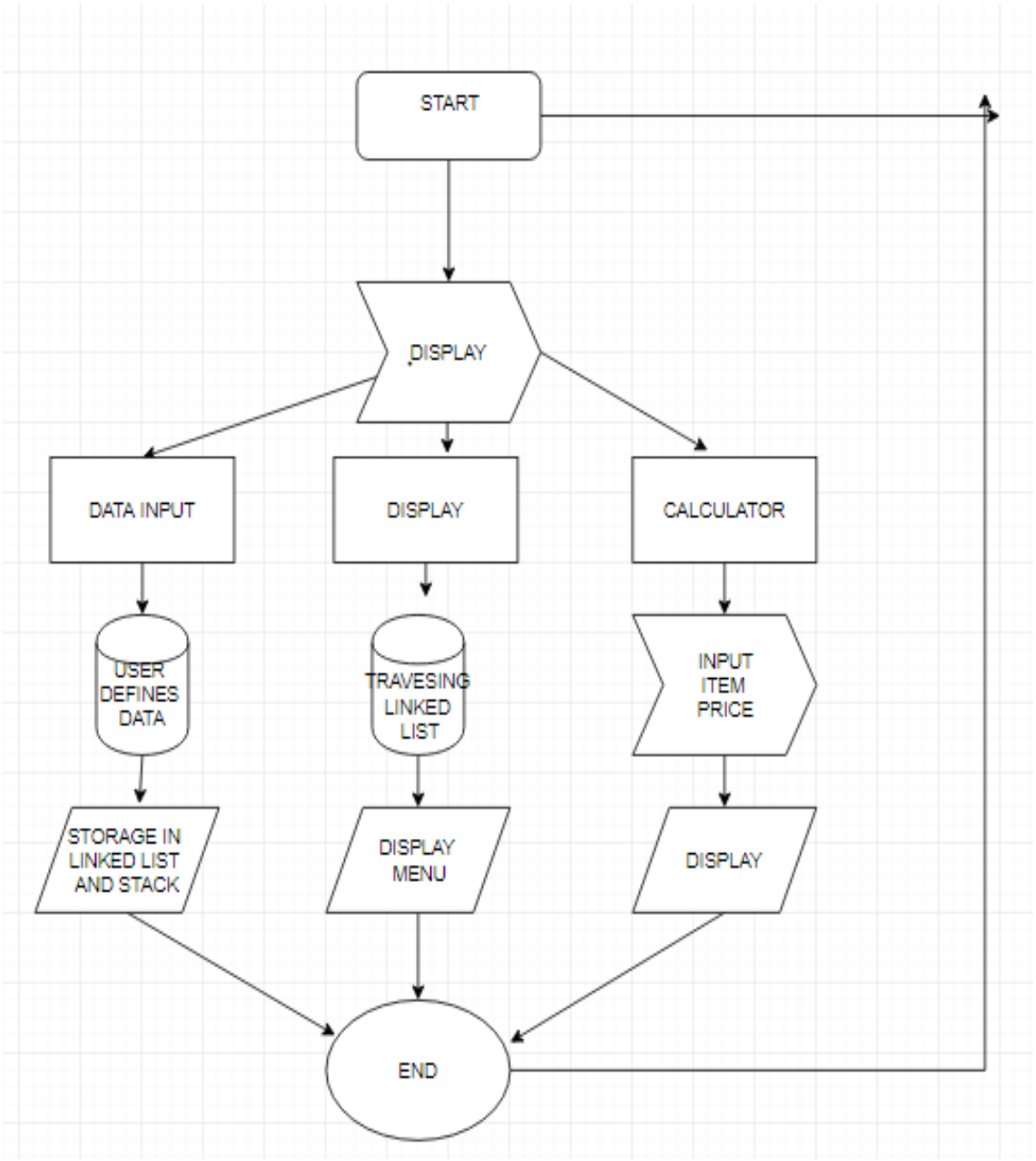
Language Used:

- **Front-End: C**

DATA STRUCTION CONCEPT USED:

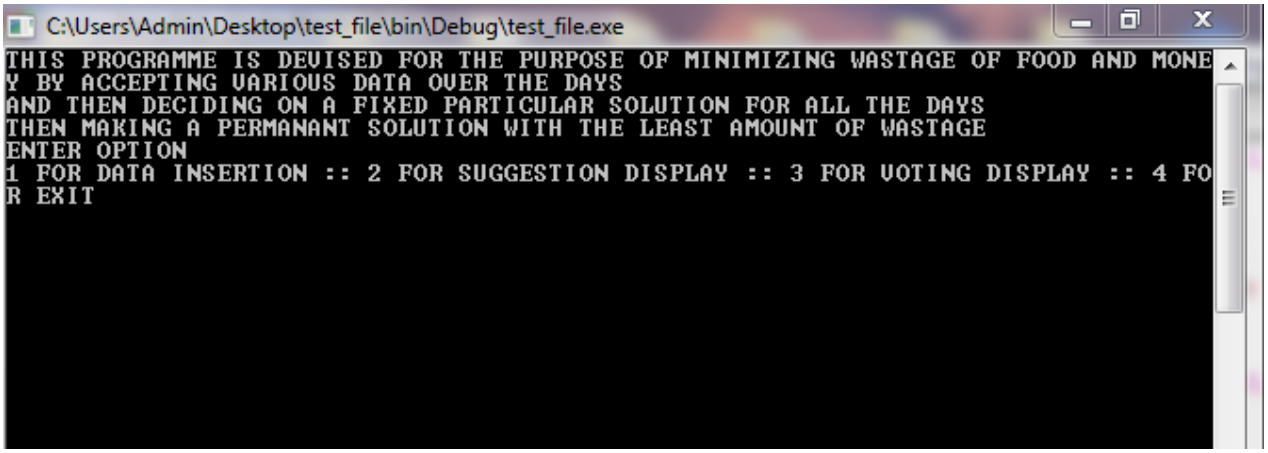
- **ARRAYS**
- **LINKED LISTS**
- **STACKS**

SYSTEM ARCHITECTURE



MODULE DESCRIPTION

INPUT PAGE:



Here we observe that the user is given options to do the following functions.

Data insertion is total user based and the user has to input data as long he is satisfied with the input.
Suggestion : is total the computer based algorithm which will give the best case output of the three time menu which will then be displayed.
Voting display: is nothing file handeling.

DATA INSERTION:

3. RESULTS AND DISCUSSION

The result of our program has been very positive as it can calculate and predict the amount of food wasted and hence lets us introspect in our menu as long as we want to and it totally depends on the user about the amount of data he can use to provide to the code to have a wide variety of option open to him so that the program can further optimize the output so as to provide the best possible outcome, it is also very evident to note that our program is pretty simply and can be further optimized and tweaked so as to be used in various other streams which are very much similar to conservation and saving such as in banks and stuff.

Hence with just some minimal tweaking we hence conclude that this code's architecture van be used in very similar scenarios where the main objective is to output a particular element in the industry hence making this program a basic yet a very useful one not only in the field of food industry but also in fields unknown.

4. CONCLUSION

Hence we conclude that programming is the backbone of optimization industry and can be used to optimize work places institutions and other stuffs. Hence with our code we provide yet a little but some light to the food industry and provide a little to the future of our nation and the world.

REFERENCE

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www.mitocw.org
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www.geeekforgeeks.com