

CONVERTERS

REQUIREMENTS:

INTRODUCTION

This mini-project is a console application using the C programming language. This project compiled in VS code with the GCC compiler. In this console application, you can do basic billing managements like create bill, invoice, add items and delete items ... etc

COST AND FEATURES

When talking about the converters there are a lot of things that are to be taken into consideration. its features as wells as to generate an application which can be used in any Airports, Labs, Shops, Courier shops, Harbors etc.

Now the Common Features Include:

- Quantity Conversions
- Temperature (Kelvin,Celcius and Fahrenheit)
- Currency (USD,JPY and RMB)
- Mass (Ounces and Grams)

SWOT ANALYSIS

S-STRENGTH

- This project involves converting the quantities
- It reduces the manual work
- Reliable

W-WEAKNESS

- Need Compiler to execute
- Continuous Power Supply is required in Devices

O-OPPORTUNITIES

- Implemented in our day to day life and in our gadgets like Phones , Laptops etc

T-THREATS

- Security need to be implemented in code or else it will be easily modified

4W's and 1'H

Who:

The project can be used almost by all the officers or civilians in Airports, Labs, Shops, Courier shops, Harbors etc.. At the end, user satisfaction is the goal of the project.

What:

Conversions of the items can be done by this system.

When:

The project can be used when the conversion of quantities when required.

Where:

All the in Airports, Labs, Shops, Courier shops, Harbors and in calculators can use this software as the purpose of Conversion of quantities.

How:

It reduces the time and makes the quantity calculations precise and informable.

DETAIL REQUIREMENTS

HIGH LEVEL REQUIREMENTS:

ID	Description	Status
HLR1	OS (Windows 10/Linux)	Implemented
HLR2	C language	Implemented
HLR3	AMD/INTEL Processor	Implemented
HLR4	RAM(2GB)	Implemented
HLR5	ROM(2GB)	Implemented

LOW LEVEL REQUIREMENTS:

ID	Description	Status
LLR1	Input Values	Implemented
LLR2	Choose the Quantity	Implemented
LLR3	Ability to convert	Implemented