

# METRIC CONVERSION

|                     |                           |                      |
|---------------------|---------------------------|----------------------|
| <b>Supervisor :</b> | <b>Zaman.</b>             |                      |
| <b>Batch :</b>      | <b>2306F.</b>             |                      |
| <b>Group :</b>      | <b>Metric conversion.</b> |                      |
| <b>Serial No.</b>   | <b>Enrollment No.</b>     | <b>Student Name.</b> |
| <b>1.</b>           | <b>1281115</b>            | <b>Anshul</b>        |
| <b>2.</b>           | <b>1279670</b>            | <b>Massom</b>        |
| <b>3.</b>           | <b>1282442</b>            | <b>Azlan</b>         |
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# **ACKNOWLEDGEMENT**

*The first, we would like to express our gratitude to our teacher SIR ZAMAN who helped a lot in finishing this project within the limited time frame, valuable counseling and assistance for the accomplishment of this project.*

*Secondly, we would also like to thanks the e-project team at Aptech Head Office, who gave as the opportunity to do this interesting and wonderful project about Ice-cream Parlor*

*Thirdly, we also thank the e-project team for giving this task to us. Following are the benefits of this Project:*

- *Re-enforcement of skills happens in the experimental learning process.*
- *A mentor, ensuring that we do not get drifted, constantly guide us.*
- *It gives us a lot of confidence to face an interview as we have worked on a project. We can explain virtually everything on the subject we have learnt.*

# **SYNOPSIS**

- UNIT CONVERSION ONLINE IS A VITAL ONLINE PLATFORM DESIGNED TO CATER TO THE DIVERSE NEEDS OF USERS SEEKING TO CONVERT UNITS EFFORTLESSLY. IN TODAY'S DIGITAL LANDSCAPE, THE DEMAND FOR QUICK AND ACCURATE UNIT CONVERSIONS SPANS ACROSS VARIOUS DISCIPLINES, INCLUDING EDUCATION, SCIENCE, AND EVERYDAY APPLICATIONS. THIS WEB-BASED APPLICATION OFFERS USERS A SEAMLESS EXPERIENCE IN CONVERTING UNITS SUCH AS WEIGHT TO GRAMS AND CELSIUS TO FAHRENHEIT, ENSURING PRECISION AND CONVENIENCE.
- THE PRIMARY GOAL OF THIS WEBSITE IS TO EMPOWER USERS TO PERFORM UNIT CONVERSIONS WITH EASE. USERS CAN ACCESS THE PLATFORM FROM ANY DEVICE WITH INTERNET CONNECTIVITY, MAKING IT A VERSATILE AND USER-FRIENDLY SOLUTION FOR INDIVIDUALS AND PROFESSIONALS ALIKE.
- THE SYNOPSIS OF METRIC CONVERSION IS TO DEVELOP A GENERAL-PURPOSE E-COMMERCE STORE WHERE ANY METRIC UNIT (SUCH AS CELSIUS, LENGTH, SQUARE METER ETC.). CAN BE CONVEYED FROM THE ANYWHERE. IT PROVIDES THE USER WITH A CONVERSION OF DIFFERENT TYPE OF UNITS AVAILABLE FOR CONVERSION IN THE WEBSITE. THIS PROJECT HAS BEEN DEVELOPED ED TO ALLOW DIFFERENT TYPE OF PEOPLE CONVERT UNITS EASILY, ACCURATELY, AND FASTLY.
- THE USER CAN GO TO THE ABOUT, CONTACT, SHOP, LOGIN AND REGISTRATION PAGE FROM THE HOME PAGE .

## *PROBLEMS DEFINITION*

*Why does one need metric conversion for? Science projects seem more*

*Authoritative when the units used are metric units, such as grams, milliliters, and degrees Celsius. Anyone can do good backyard science*

*with inches and ounces, but when he shows his work in a science fair,*

*metric conversion will show that he understands the importance of these units to scientists. There are various units of measurement; one of*

*the earliest types of measurement concerned that of length. Many times, we need to convert some data from one unit to other. Hence you*

*are expected to develop a calculator for such metric conversions.*

## **CUSTOMER REQUIREMENT** **SPECIFICATION (CRS)**

*You need to develop the metric converter which will satisfy the following*

*requirements.*

*1. There should be a separate web page that displays the metric conversion*

*chart. The chart should include the multiplying factors for the conversion*

*Length conversion:*

*o Should include the multiplying factors for following*

- *Inches millimeters*
- *Feet Meters*
- *Yards - Meters*
- *Miles Kilometers*

*Area conversion*

*o Should include the multiplying factors for following*

- *Square inches square millimeters*
- *Square feet square meters*
- *Square yards square meters*
- *Acres Hectares*
- *Square miles square kilometers*

*Volume conversion*

*o Should include the multiplying factors for following*

- *fluid ounces milliliters*
- *gallons liters*
- *cubic feet - cubic meters*
- *cubic yards - cubic meters*

### *Mass conversion*

*o Should include the multiplying factors for following*

- *Ounces grams*
- *Pounds kilograms*
- *short tons (2000 lb.) - mega grams (or &quasimetric  
torniquet;)*

### *Temperature conversion*

- *Fahrenheit Celsius*
- *Celsius Fahrenheit*

*2. There should be separate web pages for the various  
conversions, you need to  
include the conversions of*

- a. Area*
- b. Length*
- c. Volume*
- d. Mass*
- e. Temperature*
- f. Currency*

*3. Along with the above conversion techniques, there should also  
be information*

*related to all the measurement units as how / who invented them.  
A brief*

*history about these units should be provided under the separate  
section as*

*history of measurement units*

*4. Provide some articles e.g.*

*a. The SI System : An article describing what the SI system of  
units is*

*b. Metric System : An article describing the differences between  
the*

*various metric systems.*

*c. The meter an article defining the meter as used in the metric  
system,*

*both past and present.*

*d. Traditional U.S. Units: An article describing the traditional units  
of*

*measurement used throughout the United States.*

*You can include any related articles to the topic.*

*5. Also provide the frequently asked questions (FAQs) like*

*a. How do I enter numbers in Scientific Notation?*

*b. What is a knot? What is a nautical mile?*

*c. What about rainfall? How do I convert between inches of rain,  
and*

*millimeters of rain?*



*d. What is the difference between the long ton, short ton, and metric*

*ton?*

*e. At what temperature is Celsius and Fahrenheit the same?*

## *SCOPE OF THE WORK* *(BRIEFLY)*

*The name of the project is MetriZEN the software provides the customer various conversion units .in this project we can easily convert units.*

*Our primary goal is to provide a user-friendly learning experience for understanding various units and their conversions. We've meticulously curated content to make complex concepts easy to grasp, ensuring that anyone can navigate the intricacies of metric systems effortlessly. From basic units to more advanced conversions, our website covers a wide range of topics to cater to users with varying levels of expertise.*

*One of the standout features of our website is its interactive nature. We understand the importance of practical learning, so we've integrated user-friendly tools that allow you to apply your knowledge in real-time. Our conversion tools make it a breeze to switch between units, reinforcing your understanding and boosting your confidence in using different measurement systems.*

*Your feedback is invaluable to us. We believe in continuous improvement, and your insights help us enhance the user experience. Whether you have suggestions, questions, or simply want to share your experience, our feedback facility is open and ready to receive your input.*

*In essence, our website is a comprehensive hub for learning, practicing, and mastering metric conversions. Join us on this educational journey, and let's simplify the world of units together!*

*For example, any user wants to convert any unit from the website then first customer has to select the unit in the website and then just choose the category of the unit than user can see the result then user can also learn to convert it and about their history.*

# **AGGREGATED SITEMAP**

MetriZEN



MetriZEN

## **SITEMAP ENGLISH**

Home page





## Our Services

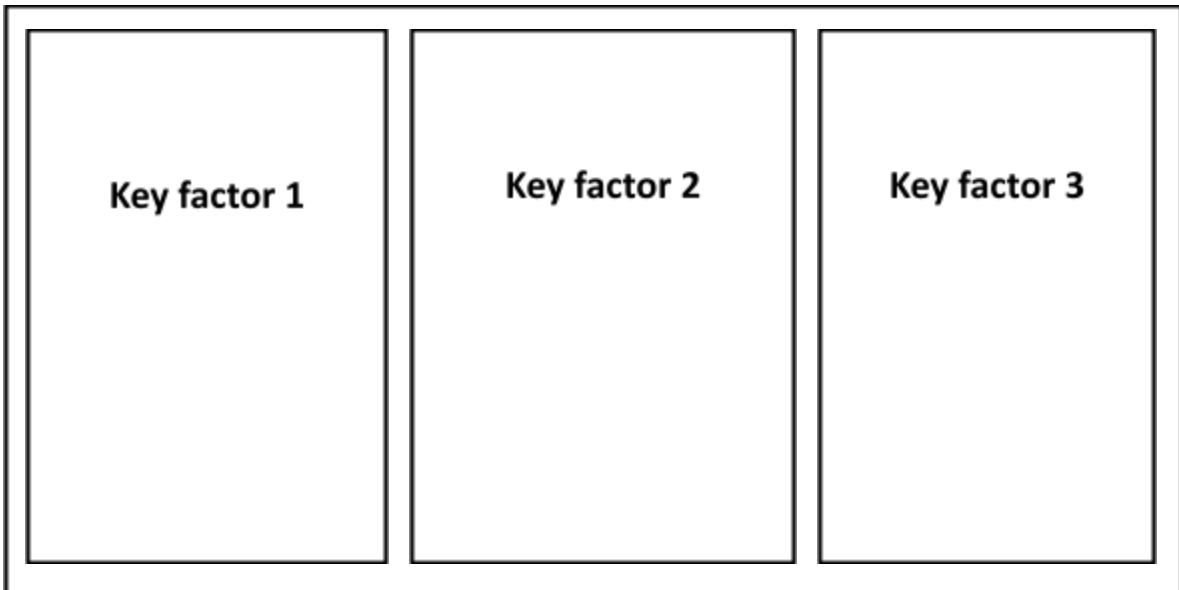
**SERVICE 1**

**SERVICE 2**

**SERVICE 3**

**SERVICE 4**

## Our key factors





## Why Us

|               |               |               |
|---------------|---------------|---------------|
| Icon and text | Icon and text | Icon and text |
|---------------|---------------|---------------|

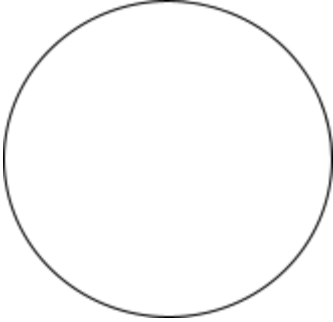
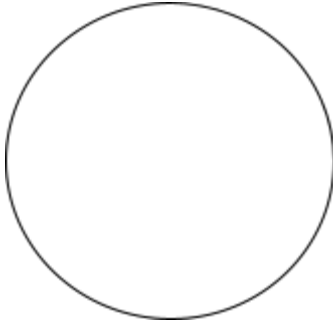
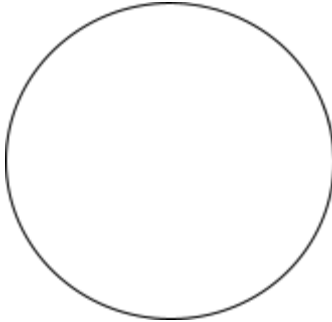

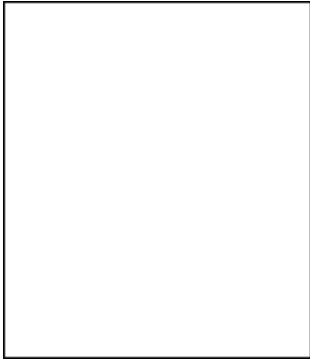
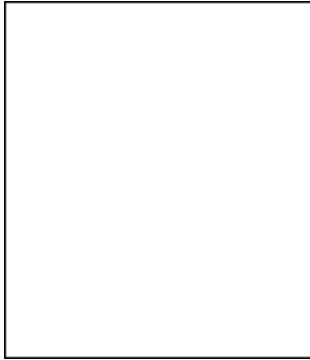
## ***Feedback***



|                     |
|---------------------|
| <i>Your name</i>    |
| <i>Your Email</i>   |
| <i>Your Message</i> |
|                     |



## ***About Us***

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# **TASK SHEET**

| Project Ref.No:<br>Ep/Advertisemen<br>t<br>Portal<br>Management<br>System /01 |                   | Project<br>Title                     | Date Of preparation Of Activity Plan           |                                      |                   |        |
|---|-------------------|--------------------------------------|--|--------------------------------------|-------------------|--------|
| No.   | Task              | M<br>E<br>T<br>R<br>I<br>Z<br>E<br>N | Actual<br>Start<br>Date                        | Actual<br>Days                       | Team-Mate<br>Name | Status |
| 01.   | Home page         |                                      | 6<br>-<br>O<br>C<br>T<br>-<br>2<br>0<br>2<br>3 | 3<br>0<br>-<br>D<br>A<br>Y<br>S<br>- | Anshul            |        |
| 02.   | FAQ's/<br>history |                                      |  |                                      | Masoom            |        |
| 03.   | Feedback<br>page  |                                      |  |                                      | Azlan             |        |
| 04.   | Services<br>page  |                                      |  |                                      | Anshul            |        |
| 05.   | About us          |                                      |  |                                      | Anshul            |        |
| 06.   | Documenta<br>tion |                                      |  |                                      | Anshul            |        |

**SPECIAL NOTE FOR**

**SIR ZAMAN:**

**ALL THE BACKEND IS DONE  
BY MASSOM AND ALL THE  
DATA IS FETCHED BY AZLAN  
AND ALL THE FRONT-END IS  
DONE BY ANSHUL.**

**THANKYOU FOR READING  
DOCUMENTATION.**