Online Calcilator Units

Software Requirements Specification

Version 1.0

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# Document Approval

The following Software Requirements Specification has been accepted and approved by the following:

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| --- | --- | --- | --- |
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# 1. Introduction

1.1 Purpose

The purpose of this document is to provide detailed Online calculator units (hereinafter called Calculator, Online Calculator). He will explain the purpose and operation of the system ,the interfaces of the system, what the system will do.

1.2 Scope

This project was created to consumers quickly and conveniently convert units (centimeters to inches and inches to centimeters) by devices with internet connection (PC, mobile devices and tablets).

1.3 Overview of document

The remainder of this document includes two chapters. The next chapter “Overall description” of this document gives an overview of Product functions User characteristics , Constraints, Assumptions and dependencies and Apportioning of requirements. The second chapters “Functional requirement” gives an overview of the functionality of the product.

1.4 Definitions

|  |  |
| --- | --- |
| Terms | Definition |
| User | Someone who interacts with the Web application |

**2. Overall Description**

2.1 System Environment

Online Calculator system has one active actors (User) and one cooperating system. User access their parts from the internet. The User has an access to the Online Calculator Unit.

2.2 Product functions

Users will be free to convert units:  
-- Centimeters in inches  
-- Inch in centimeters

2.3 Assumptions and dependencies

Users using the software product should have a strong enough internet connection. software works with different types of devices (PC, Mobile devices and tablets).

Users must have installed Mozilla FIRE Fox browser.

Opening the purpose Web application on another browser can lead to malfunctioning of application.

2.4 Apportioning of requirements

In the case that the project is delayed, there are some requirements that could be transferred to the next version of the application.

3. Functional requirement

3.1 User Class 1 - User

3.1.1 Use Case – Accessing to system

The system is accessed through the internet from its initial URL (http://www.mobaltarnovo.com/smetka/inch-sm.html). In the open page loads the application with all possible features, fields and buttons.

3.1.2 Use Case – Conversion from centimeters to inches

Given that the user has opened an application, the user must be able to select the unit to which to convert(**convert to centimeters**), to introduce the value of the unit which will convert(**enter length**).

3.1.3 Use Case - Conversion from inches to centimeters

Given that the user has opened an application, the user must be able to select the unit to which to convert(**convert to inches**), to introduce the value of the unit which will convert(**enter length**).

3.1.4 Use Case - Reset field

Enables the user after such conversion is done by pressing a button (reset) to clear the value of the fields - **Enter length** and **Result.**