



User Calculator Form

For Compotool Ltd

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Overview

Compotool requires a web based, any user input system to allow the site visitors to perform calculations for their project requirements. The vision is to have a web page that is very simple and intuitive for the visitor to input their project parameters and get back results allowing them to determine how much Compotool products are required.

Goals

1. Develop a fully functioning cross-browser solution for the project
2. Deliver a zipped folder with all the requisite dependencies for the project with handoff directions giving information on how the site should be implemented

Specifications

The project will be built to meet the browser requirements stated by the client, and will be developed with a focus on ease of use and also to be as efficient as possible. The project will be implemented in a way that will allow the client to update the formula behind the calculations as easy as possible without needing to edit the direct script files with the variables used for the formulas.

Below is a simple mockup of the example form that will be implemented on a webpage. In the render you can see the three core calculators (Adhesive, Sealer, and Block-up Weight) and then two subsequent calculators that provide the shipping weight and the number of boards required. As described by the client, any visitor to this page could use it to calculate the amount of one subset of material, or use the entire form to determine the amount of all the individual items they will need.

Compotool Estimate Calculator

Adhesive

Bonded Surface		Surface Area ▼	Calculate	Volume of Adhesive	
Amount		Square Feet		Amount	Liters
		Square Meters			

Sealer

Tool Surface		Surface Area ▼	Calculate	Volume of Sealer Stage 1	
Amount		Square Feet		Amount	Liters
		Square Meters			
				Volume of Sealer Stage 2	
				Amount	Liters

Block-up Weight

CT-300	CT-850		Volume ▼	Calculate	Weight of Boards	
Amount	Amount				Amount	Kgs
					Weight of Boards	
					Amount	Lbs

Number of Boards Required

CT-300		CT-850	
Amount	Cubic Meters	Amount	Cubic Meters

Shipping Weight

CT-300	CT-850	Adhesive	Sealer	Other	Total Weight	
Amount	Amount	Amount	Amount	Amount	Amount	Kgs
					Total Weight	
					Amount	Lbs

Milestones

1. Initial Design (Estimated 4 Hours)

Here I will deliver an initial design mock up of the webpage and flowchart of the calculator user flow to be delivered to the client for review and feedback. Based on the feedback subsequent designs will be provided to the client. Here I will determine (based on the the current CMS in use) on the best method to update the formulas for the calculators.

2. Version 1 Implemented (Estimated 3 Hours)

Here I will implement the working calculator web page with the design settled on from stage 1, working on a test server. The client can then provide feedback on the user interaction with the form and provide more design feedback

3. Version 2 Implemented (Estimated 3 Hours)

This version of the web page will be a complete production ready version of the web page that will still be on a test server for client feedback. This version will offer a way for the client to test updating the formula and see the changes on the visitor site.

4. Final Product (Estimated 1 Hour)

This will be the final deliverable for the client, I will hand off all the code (including all dependencies if needed) and offer instructions on how the web page can be implemented on the client's server.

5. [Options]

Optional updates such as default print page formats, email templates, links to custom order forms, responsive web designs for mobile devices. To be evaluated upon delivery of the product in stage 4

Quote

The expected development time for the project is currently estimated at 11 (eleven) hours of full development and the client would be billed \$40 US Dollars (forty dollars) per hour of development. Any time taken for feedback and client testing will not be billed. The estimated lead-times are provided below:

1. Milestone 1: 3 weeks
2. Milestone 2: 2-3 weeks
3. Milestone 3: 2-3 weeks
4. Milestone 4: 1week