Savoury Calculator with fully programable calculations By Uzair Sarvan

My target demographic for my web application is for small businesses (Home based) and personal use for events/holidays. The application will be using JavaScript (Vue.js), HTML, CSS (Tailwind CSS).

The benefit of my application is to easily find out the total cost of the food that you are selling or buying for an event as well as finding out the number per person easily. This can also help plan big events like weddings, end of year functions, parties, etc. I will be attempting to implement a customisable pre-set platters that can be used and saved for later. Those that are not logged in can use the default platters and manually input data as they need but cannot save the values for later. The calculator can store all the values that you would like to keep for later use. The calculator will calculate the total price as well as the total number of pieces the platter is comprised of as well as the number of savouries per a guest. This will all be stored in the Firebase real-time database. For the Login and register I will be using Firebase Authentication. Target devices are all devices that have the ability to use a web browser with using a desktop or laptop being more preferable due to being able to see more information as well as the ease of inputting your data.

Application	Savoury Calculator
Users target group:	**Owners of small business** **Personal Use (Regular people)**
Target devices:	Any Device that can display an up-to-date web browser with JavaScript support
Technology stack:	**Front-end**: Tailwind(A utility-first CSS framework) Vue.js (framework for building web user interfaces.) **Back-end**: Google Firebase
Main processes:	Login, sign up, create presents, perform calculations and look at previous platters that where saved
Prerequisites:	The user needs to have made an account for their platters to be saved and to use custom platters otherwise they can use the default platters.

Frontend components:

Backend

Tailwind CSS

Vue.js

Calculator components with all the necessary inputs

Custom Platters

Store Login Data (Email and password)

Login/Sign up (Dialogs Email and Password)

Store Pre-sets (Number of samosas, pies, Mini pizzas etc. and the quantities of each as well as the name of the saved platter)

Calculator back-end to perform all the calculations.

Backend for Login and sign up (Firebase Authentication)

Database