

Bread Builder

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Description

Bread Builder is an application that lets users create, store, edit, and manipulate bread recipes. It is intended for professional bakery use although serious home bakers would benefit from it's function. It allows for easy recipe measurement conversion so that "home" recipes can be converted into units that would benefit professional use.



Features

- Allows users to create and save recipes
- Converts metric to U.S. standard and vice versa
- Automatically calculates recipe properties such as total ingredient weight and hydration percentage



Planning - User Stories

- Users can create a profile to save their recipes
- Users can create a recipe with a number of ingredients
- Users have a recipe list with links to individual recipes
- Users can edit individual recipes
- Users are able to convert units of measurement for their recipes



Planning - Database

- Bread Recipe table
- Recipe item table that holds an ingredient and measurement
- Ingredient table
- Measurement table
- User table



Technology Stack

- C#
- Asp.Net Core
- Razor
- Sql Server Database
- Bootstrap
- Visual Studio 2017
- JavaScript



Demo



What I Learned

- JavaScript and JQuery
- More about query syntax and lambda expressions
- Bootstrap
- Created a better understanding of MVC



What's Next

- Allow users to convert from volume to weight measurements
- Implement a sort and search function for recipes
- Incorporate an API

