# Recipe Database

### Group 26 - Nicholas Skinner

### <http://web.engr.oregonstate.edu/~skinnern/FinalCS340/Home.php>

### 1. Introduction

My project is a recipe database, the plans for this database is to allow users to view the cost of a potential recipe before they use it. users will be able to comment, and submit their own recipes, and adjust the cost of an ingredient.

### 2. Detailed Functionality & Requirements

Details of the project include SQL interaction, CSS design, and session usage within php.

### 3. Database Design

## ER Diagram of Database

My diagram is contained within the CS 340 Project ERD Spring 17 File.

## Relation Schema

My diagram is contained within the CS340 - Nicholas Skinner - Project Relational Schema file.

## Database

My database files are contained under the Skinnern\_database folder structure.

### 4. Website Design

The design of my website is made to be simple enough for anyone to navigate, I have a few quirks like being able to create a new account while logged in, but for the most part it is straightforward.

## Website Layout

This is laid out in the file CS340-FA17-ProjectPart4-Skinnern

## User Interface

this is also laid out within CS340-FA17-ProjectPart4-Skinnern.

### 5. Application Implementation (at least two webpages completed)

* Simple implementation, borrowing my designs heavily from W3schools
* My sql queries are mostly basic joins, only displaying the absolute mandatory items, some instances of insertion to the database exist, but are not protected.

**6. Demo**

This will be done in class