

# Radical Restaurant Reviews (R<sup>3</sup>)

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## Overview

Radical Restaurant Reviews is a Yelp competitor with the distinction of giving restaurant owners more control over their review pages and a sophisticated user voting system for surfacing the most helpful reviews.

## Details

The system contains these primary components: Users (equivalent of Prss), Restaurants, Reviews, and Votes. The following is a rough draft specification and is subject to change.

### Users

Each User has standard data to represent a user on the system (rough list: firstname, lastname, email, password, role, whenRegistered, termsAccepted). Role is either of: 0 = normal user, 1 = admin. (Admins have privileges as if they were “business owner” of every business in the system, plus a few administrative features.) Users also contain a history of all of their upvotes and downvotes on existing reviews (a list of Votes).

### Restaurants

Restaurants contain an owner, a description, a title, a website URL, a category (e.g. “chinese food”, “mexican food”, “burgers”, etc.) and a picture. (Title and category are required.)

### Reviews

Reviews contain an author, content, a star-rating out of 5 stars, and an upvote count for the review itself. They may also contain a response from the restaurant owner.

### Votes

Votes contain three pieces of information: The User who made the vote, the Review which was voted on, the type of vote (up [meaning “I found this review helpful”] or down [meaning “I found this review unhelpful”]).

## User Interface

On first visit, viewers will be presented with a list of restaurant categories. (You do not need to be logged in as a user in order to view the site, only to post or rate reviews.) Clicking on one

category (or view all) will bring up a list of all the restaurants within that category. In order to post a review, users will need to be logged in. If logged in, users will also have the ability to create a restaurant, thus becoming that restaurant's owner. The restaurant owner will have the ability to reply to reviews on their own restaurants but will not be able to write reviews on their own restaurants. Reviews will be ranked by user submitted upvotes and downvotes (according to weighted score). Users with reviews that have a lot of upvotes will carry a greater weight when upvoting or downvoting other reviews.