**Customized Rails Scaffold with Search**

**Overview**

This scaffold-based application, built with Ruby on Rails, creates a home for the listing of Chicago beaches, their amenities and a section for visitor comments and ratings. The project brings together two models, beach and comment, to provide the application user with a source of information and visitor feedback and tips about individual beaches throughout the city of Chicago.

**Scaffold Design**

The beach model houses the pertinent information about each of the beaches in the listing. The model includes: beach name (string), address (string), zip code (integer), facilities (boolean).

The comment model collects comments from visitors of the beach and their overall rating. The model includes: commenter name (string), rating (integer), comment (text), beach id (integer).

The beach id is the connection in the one-to-many relationship between beach and comments.

**Customizations**

*Routing*The root path takes the application user to a listing of all the beaches with a search for nearest beaches bar at the top.

*Validations*Several validations were included to ensure that relevant information is collected when a new beach is added to the listing or comments are submitted. Beach name, address, and zip code must be present for the beach model. Commenter name, rating and comment are required for the comment model. Rating under the comment model and zip code under the beach model must each be number and zip code needs to be 5 numbers in length and in the Chicago zip code range.

*Virtual Attribute*To make a complete address in the beach model for the geocoder gem a method called full\_address was created in *app/models/beach.rb* so a map could be created in the beach show page.

*Web Controls*Rating in the comment model uses a drop down menu to control responses.

*Layout*Each page includes a Chicago Park District logo and the css has been adjusted to create a cohesive feel across pages as well as improve the look of the tables.

**Future Development**

I plan to add a slideshow of pictures from each beach to add interest to the individual beach pages.