Code Documentation and Sources

Code Documentation

Source on github: *https://github.com/paulabishop/Alchemy*

All files for this project, including assets such as this, are on GitHub in a repository named alchemy. There are over 4,000 files, as this is using a framework (see below), so to see which (code) files I actually edited or created, please refer to the list below, referenced by organization:

```
+---app
|   |   filters.php (wrote one filter)
|   |   routes.php
|   |
|   +---config
|   |   |   app.php (added references to service providers, as well as set debug = true for testing)
|   |   |   database.php (credentials for establishing connection--but I actually changed these back to
defaults for security reasons)
|   |
|   +---controllers
|   |       CategoryController.php
|   |       HomeController.php
|   |       RecipeController.php
|   |       RegisterController.php
|   |       SearchController.php
|   |       SessionController.php
|   |
|   |   +---migrations
|   |   |       2015_03_10_193636_create_categories_table.php
|   |   |       2015_03_10_193636_create_recipes_table.php
|   |   |       2015_03_10_193636_create_users_table.php
|   |   |       2015_03_10_193639_add_foreign_keys_to_recipes_table.php
|   |
|   +---models
|   |       Category.php
|   |       Recipe.php
|   |       User.php
|   |
|   \---views
|       |   about.blade.php
|       |   landing.blade.php
|       |   login.blade.php
|       |   logout.blade.php
|       |   register.blade.php
|       |   search.blade.php
```

```
|      |
|      +---categories (resource routing)
|      |      create.blade.php
|      |      edit.blade.php
|      |      index.blade.php
|      |      show.blade.php
|      |
|      +---errors (404)
|      |      missing.blade.php
|      |
|      +---layouts (template masters)
|      |      main.blade.php
|      |      registration_main.blade.php
|      |
|      +---partials (modular)
|      |      allCategories.blade.php
|      |      search.blade.php
|      |      sidebar_admin.blade.php
|      |      sidebar_guest.blade.php
|      |      sidebar_subscriber.blade.php
|      |
|      \---recipes (resource routing)
|             create.blade.php
|             edit.blade.php
|             index.blade.php
|             show.blade.php
|
+---bootstrap
|      paths.php (only edited paths once deployed to shared host)
|
+---public (this folder to go in public_html)
|  |   index.php (only edited paths on this once deployed to shared host)
|  |
|  +---css
|  |      main.css
|  |
|  +---images (images are documented in mediaSources.docx)
```

Framework

Framework used is Laravel 4.2 by Taylor Otwell. Using PHP and Bootstrap, it can work with numerous types of databases, but the default, which I used for this project, is MySQL.
Source: *http://laravel.com/docs/4.2/introduction*

Additional Laravel Service Providers ("Packages")

Way Generators by Jeffrey Way--assists in creating controllers through cmd line with boilerplate, as well as migrations, models, etc.

Source: *https://packagist.org/packages/way/generators*
Intervention Image by Oliver Vogel--assists in manipulating uploaded images
Source: *https://packagist.org/packages/intervention/image*

Mohsen Captcha by Mohsen Shafiee--implements a simple Captcha for forms with readable text
Source: *https://packagist.org/packages/mohsen/captcha*

Note: I originally intended to use jquery plugins for this project, particularly with the menu system, and so linked to the jquery library in my project, but I never actually ended up writing any javascript or jquery by the launch of this project. I will probably use jquery in an update, however, so am keeping the link and the library.