Team #1

4/2/14

CSCI 446

**User Authentication Research**

**Considered Packages:**

* Devise (<https://github.com/plataformatec/devise>)
* OmniAuth (<https://github.com/intridea/omniauth>)
* Authlogic (<https://github.com/binarylogic/authlogic>)

**Consideration Criteria:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Package | Does it work w/ Rails 4? (Y/N) | How easy it is to implement (1-10) | How easy it is to create users with different rights (1-10) | Availability of support documentation (1-10) |
| Devise | Y | 6 | 9(seems easy) | 10 |
| OmniAuth | Y | 8 | 5(unsure) | 5 |
| Authlogic | Y | 9 | 7.5 | 9 |

**Sample App Description:**

After searching for authentication packages, we decided to create sample apps for Devise and Authlogic because they seemed to be the two most widely used methods for authentication in Rails and they both had a pretty decent amount of online documentation.

For testing Devise, we made a simple app that would allow a user to login, and make sure that they were authenticated, to a home page. We also created Admin authentication and had this login be to a separate page and display content different than the standard user’s on the home page. Getting the initial setup for Devise to work took a considerable amount of time although once we were able to get it working it was very straightforward. To display content specific to users, all that was needed in the view was a simple statement <% if user\_signed\_in? -%>. This was also the case to display content specific to an admin, <% if admin\_signed\_in? -%>. Also, authenticating users and retrieving specific data about the current user was also relatively easy.

**Selection & Summary:**

We chose to select…