**Process**

In our initial phases, we designed two alternate layouts for our website (and each respective webpage). We then reviewed these ourselves, and more importantly, got potential users (i.e. classmates and colleagues) to review these designs for us, and ended up with a list of potential usability flaws and design oversights that we took into account and used considerably, in order to end up with our final website design. Below is a discussion of both the general design and layout, and also of the improvements made to each webpage in each iteration.

**General Design**

*First Iteration:* The general design and layout started with a large banner across the top of the page, and all the menu functions (Home, Jupiter Analysis, Forum, Signup, Login, Search) in a single menu directly below it. The content of the page was then located on the remaining page area, with a “Latest Forum Posts” area located to the right of all the webpages.

*Feedback:*

* Too much space taken up by the banner across the top of the page. Make this smaller.
* The menu is too large and crams too many functions into one space. Perhaps spread it out.

*Second Iteration:* Here the layout changed. We put the title banner on the left side of the page, and used the newly freed up space across the time top to put in the Latest Forum Updates “box”, as well as the Log In/Out and Sign Up buttons. We made the search bar bigger and placed it directly beneath the old banner space, as well as integrating all the old menu buttons into a single dropdown menu, to save space and make it look more minimalist.

*Feedback:*

* There are now too few option icons and you can’t access the menu straight away.
* Putting the banner on the (left) side doesn’t seem professional.
* The search bar is awkwardly placed and slightly too big.

*Final Iteration:* We then came up with our final layout. We moved the title banner back to where it was originally, but halved its size. We also moved the search bar up to the right with the login and signup buttons, and made it much smaller. The menu buttons were then moved to the left side (where the banner had been), but there were only four there now. This saved more space and made sure there was less crammed into a tight area.

*Feedback:*

* The banner is now attractively sized and placed, in the top left corner.
* The menu is easy to access from all pages, and not too much is crammed in.
* The search bar is easy to access from all pages.
* There is no need for a “Latest Forum Updates” area on each page, removing it saves a lot of space.

**Homepage**

*Feedback on First Iteration:*

* The homepage does seem a bit scarcely populated. Add in more content.

*Second and Final Iterations:* We added in the “About Us” area, and spread out the content more evenly on the page, as well as adding the Latest Forum Updates area back onto this page only.

**Signup Page**

*Feedback on First Iteration:*

* Add in more details for the user to fill in e.g. confirm password, first AND last names, etc.

*Feedback on Second Iteration:*

* Add a “Log In” button for those who’ve already signed up and come here by mistake.
* Add a username rather than just signing in by email.

*Final Iteration:* We added in more details, and a log in button. We spaced it out nicely across the page for a user-friendly look.

**Login Page**

*Feedback on First Iteration:*

* Add in the option to login via username OR email, not just email

*Feedback on Second Iteration:*

* Add in the option to reset your password (“Forgot Password” link)

*Final Iteration:* Added in both the required options, and made sure the fields and form more generally were user-friendly.

**Forum Page (or just “Forum”?)**

**Analysis/Terminal Page**