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**The Proposal**

1. The purpose of the website is to educate and spread knowledge about the solar system that we live in. It’s hard to find a cohesive and well thought out website on just our solar system, hence why we decided to choose this topic.
2. The goals for this site is to describe in detail the unique properties of the planets in our solar system that might get missed by more vague or broad scoped websites, as well as describing their moons and mathematical information that organizations such as NASA and SpaceX use in their calculations. Another goal that we aim for is for this website to be easy to use and navigate, yet at the same time to have enough info that it can be used as a reference site for student assignments or even a website that a elementary teacher could go to to educate his/her class.
3. The main audience for this website would be people between the ages of 16 and 30, though setup in way that is clear enough for a 10 year old to navigate as well as an 80 year old. As for demographics, it would mainly come down to people who are researching information on the solar system or just crawling through the web looking for interesting reading material.
4. The goals for this site are as follows: A.) Be a website that is fully functional as well as easy to navigate. B.) Have plenty of graphics to show just how unique our solar system is. C.) Have a depth of information that can be matched y a textbook, but displayed and formatted in a way that allows anyone of any reading level to sort through the information effectively. D.) To be epic. We want this to be the definitive website to visit when you want information on the solar system. All major planets, moons, and other celestial objects will be great detail, as well as delivering some decent info for smaller moons and objects.
5. The aim of the graphical design is to be close to the style of deep space, such as having a darker background, yet a bright foreground. Pictures will play a big part in the websites design, as pictures create a better connection to the information on the website as well as describing, in greater detail than words ever could, the vast scale and wonder around the human race.
6. As for the success of the website,  that success depends on at least 75% of users that go to our website will leave with more information than they knew prior, no matter how much previous knowledge they had about the solar system. Another success goal would be for students to ask, or link to the website, for information for their own research and assignments.
7. Two similar websites related to ours are: A.)<http://science.nationalgeographic.com/science/space/solar-system/>

This National Geographic article isn’t necessarily a website dedicated to just the solar system, which ours will be, it is an excellent example of the graphical style that can easily display information and has the kind of information depth that we are looking for. Though the text formating looks a bit plain and apart from the animated pictures at the top, offers nothing too unique compared to a paragraphed essay, and overall there isn’t that much detailed information in the text. On the other hand, the animated pictures are what make this website special, as they are cool and give lots of small bits of detailed info. And did I mention that they were cool? One other great thing about this website is the separation of the Inner and Outer Solar system. This is essential in our design plan as the two parts of our solar system are vastly different.

B.)<http://nineplanets.org/overview.html>

On the other end of the spectrum is this website, and by looking at the “.html” tag at the end looks like a more amateur website. Though we can already tell that by the way the text is formatted. This website is a good example of how a basic layout that all of us can create, can be used to streamline information. The main page looks quite lackluster, and the images are quite bland, but the information described on each planets page is exactly the type of information that we should be aiming for. General and specific planet information, as well as the history of human exploration. That being said, it would be a good idea to format the information so it doesn’t look like a mess of hyperlinks at a glance. Also, the information on these pages seem to be just thrown in their. We should aim for separating the page into clear sections so that specific information is easier to find, as well as the overall clarity of the page being improved. Another great idea from this website is the details in it. It has lots of info, but it has has such things as the symbols for each planet on the top right of each page. Those details can separate our website from other similar websites.

**Functional Requirements:**

A.) We are looking towards implementing a forum where users can either sign up to use or access anonymously.

**Membership Sign-up Form (Rough Description):**

Username:

Email Address:

Password:

Gender: (M / F / Prefer not to say)

Date of Birth: (dd/ m / year)

Location: (Country)

Human verification: (Type the text shown)

Email Address Verification:

Secret Question 1:

Secret Question 2:

**Functional Requirements:**

A) we have decided to implement a forum type system into the website that uses either anonymous accounts if not registered or uses registered accounts that allow the user to ask questions and post information for others to find.

B) NAVbar on the side of the website containing links to pages about different planets and links to forum sections.

**Workplan:**

we have planned to meet once per week on Wednesday at 2:30 and continue any other discussions needed through a face book chat, text messages, emails and a Google doc where we will place our code to be checked by other users.