Reason for the creation of “A website that helps users with their Redstone”:

**Scenario:**

Many Minecraft legends struggle with the use of Redstone as it is a semi complicated item with very interesting mechanics. I have decided to help educate those who lack knowledge on how to use Redstone as I feel it is needed knowledge for a quality gamer to have.

**Target Audience:**

Inexperienced gamers

**Relevant implications that will influence the outcome:**

(Social, Cultural, legal, ethical, intellectual property, privacy, accessibility, usability, functionality, aesthetics, sustainability and future proofing, end-user requirements, health & safety)

**Based on the identified relevant implications the outcome must have these features:**

* The website must be easily accessible.
* Easy to use.
* Be aesthetically pleasing to its users.
* Be culturally sensitive, (No racial influences)
* It must also have the ability to morph and update due to the game it is based on updates regularly.
* No Copyright infringements, to avoid this I will be taking my own pictures and making sure that the website is not used for commercial purposes.

**Basic Design:**

I plan on having a simple home page set up with a overall explanation on the subject of Redstone, I also plan on having a page for all the different types of Redstone items that exist such as Redstone dust, Redstone Torches, Pistons ect. I would also like to have separate pages set up for each different type of Redstone item and a picture showing each.

**User Case:**

Ellie. She is a Minecraft noob who lacks the knowledge needed to be a Mineman. While Ellie has many Minecraft skills and can successfully play and complete the game and while her builds are epic, she fails when it comes to the use of Redstone, and she is looking for a way to further expand her knowledge.

Second User Case:

Cory. Cory is a Minecrafter with vast knowledge of the game and Redstone yet he feels as though he can be better at it and is looking for a way to further his knowledge. He would prefer to have this knowledge given to him in an easily accessible and compact format so that he can learn quickly and efficiently.

**Content:**

1. Crafting requirements.
2. Picture showing off the item.
3. Redstone uses, non-abstract and abstract.
4. Game tick relevance.
5. If they are used by any other Redstone items or directly linked then I will mention this and link the other page to it.

**List of Redstone items:**

Lever

Redstone Torch

Wooden Button

Stone Button

Stone Pressure Plate

Wooden Pressure Plate

Iron Pressure Plate (Heavy Weighted Pressure Plate)

Golden Pressure Plate (Light weighted Pressure Plate)

Redstone Dust

Note Block

Wooden Trapdoor

Fence Gate

Tripwire hook

Lectern

Dropper

Redstone Lamp

Daylight Detector

Piston

Sticky Piston

Redstone Comparator

Block of Redstone

Redstone Repeater

Wood Door

Iron Door

Dispenser

TNT

Observer

Hopper