TASK 8: WEBSITE DEVELOPMENT

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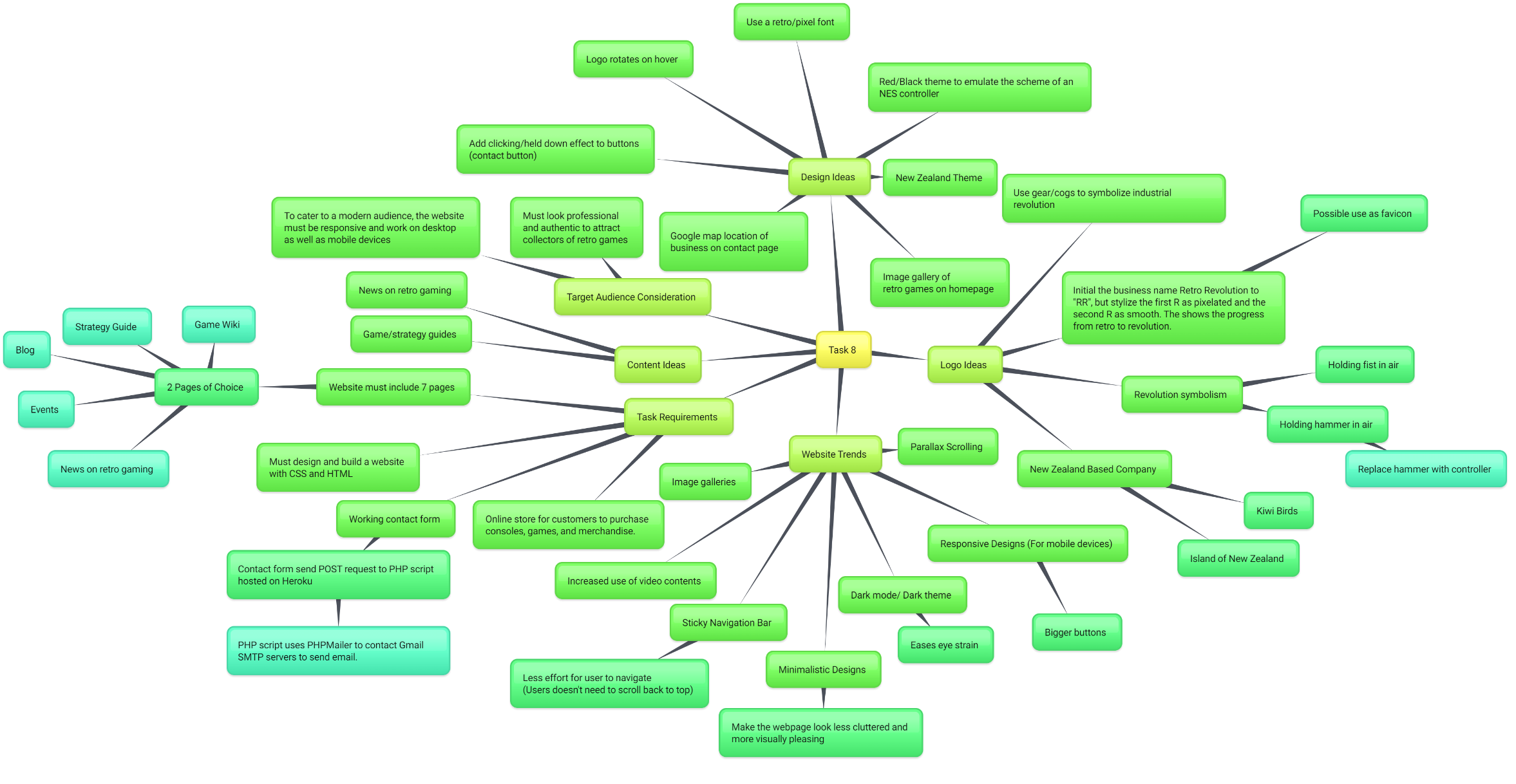
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# Phase 1: Planning

## Brainstorm



## Task

In this assignment, I will be developing a website for the business **Retro Revolution**.

## Purpose

The purpose of the website that I am building is to provide Retro Revolution with an accessible and effective platform to sell their merchandise, advertise their business and events, as well as be able to easily provide retro gaming enthusiasts with the latest news and information on retro gaming. By having a website, Retro Revolution is able to promote itself to potential customers worldwide and drastically increase their customer base by allowing most people in the world to be able to order products off their website and have it shipped out.

## Target Audience Characteristics

* Age: My website with be targeting adults between the ages of 25 to 35. Younger audiences are more likely attracted to newer generation game consoles such as the Nintendo Switch and the Sony PlayStation 5, due to high computation powers leading to more complex games and better graphics. However, older audiences between the ages of 25-35 will have grown up with retro games and may buy authentic vintage consoles and games due to nostalgia.
* Gender: According to research, males are predominantly shown to be more interested in retro gaming and generally video games overall. As such, my website will be mainly targeting males over females as males will have a higher likelihood of purchasing retro games and merchandise.
* Income: The business and the website will be targeting middle-upper class audiences. Authentic retro games are no longer in production and are very difficult to find, especially unopened vintage copies that are well preserved. Due to this, legitimate copies are very expensive[[1]](#footnote-1) and thus realistically, only mid to high income audiences are willing to pay for these consoles and relive their childhoods through an authentic experience. Audiences with lower incomes will likely opt for
* Location: As the business is based in Auckland, New Zealand, the website will mainly advertise to audiences in the Auckland area. That being said, the website should also focus on a more generic worldwide audience, as one of the website’s goals is to sell products and merchandise, which, through the website, can be purchased by and shipped to international customers.
* Hobby: This website will be targeting audiences that are already into retro gaming.

## Target Audience Criteria

* Age: To target a mature adult audience, the website will need to look professional but approachable. To achieve this, we can use classic and recognisable retro gaming characters such as Mario and Link on the website. In addition, we could use a stylised pixelated typeface to
* Gender: To target a predominantly male audience,
* Income: To
* Location:

## Audience Requirements (Hardware)

To access my website, the audience needs to have a device of some sort that is capable of installing a modern web browser such as Google Chrome, in order to access my website. This device can either be a personal computer (i.e. desktop or laptop) or a mobile device. The minimum specifications of each type of device that is capable of installed Google Chrome is outlined below.

* Personal Computer Minimum Specifications:
  + Screen: The screen should be at least 720p (1280x720) for the user to browse the website comfortably.
  + CPU: Google Chrome requires Intel Pentium 4 processor or later that supports SSE2.
  + GPU: Google Chrome does not require a dedicated graphics processor. The integrated graphics processor that comes with Intel’s Central Processing Units are sufficient.
  + RAM: Google

## Audience Requirements (Software)

* Modern GUI Operating System
  + First and foremost, users will need an operating system capable of installing an updated version of the Chrome browser. An operating system is the core piece of software of any device. It acts as an interface between the user, hardware, and other software.
  + The main operating systems are:
    - Windows 10 (Desktop): Windows 10 is a proprietary modern GUI operating system
    - Linux (Desktop):
    - MacOS (Desktop):
    - Android (Mobile):
    - iOS (Mobile):
* Google Chrome (Modern Web Browser
  + Chrome is a modern web browser created by Google. A web browser is a piece of software that allows users to access and display websites.

# Phase 2: Sitemap/Wireframe

## Sitemap

## Wireframe

# Phase 3: Development

# Phase 4: Self Evaluation

* Is the website style consistent throughout?

# Bibliography

1. Vintage Super Mario Bros. video game sells for $114,000: <https://techxplore.com/news/2020-07-vintage-super-mario-bros-video.html> [↑](#footnote-ref-1)