

# Project Idea

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This document contains ideas I've brainstormed for my nine month project.

## Part 1; My Idea (What)

My design for a project that will take about nine months to complete is an application that trains your memory by giving you challenges where you have to remember in patterns; I want to create a website that will exercise people's executive functioning skills, specifically their working memory. In order to maintain user engagement, I will implement sounds and special effects that trigger based on user response or different interactions. The website will store every user's progress and give them the appropriate lessons based on what they struggle with. For the people who don't know what executive functions are: executive functions are the brain processes that enable us to regulate the world around us, using organizational and higher-order learning skills *(Taken from my Learning Lab lessons)*.

## Part 2; My Reasoning (Why)

I have always been adept in memorising numbers and passwords, but my parents don't have the same memorizing skills that I do. I often find it frustrating when I have to repeat myself after reminding my parents what my school passwords are. I wanted to create a way to inculcate my note taking skills to my parents, so I would never have to repeat myself again.

## Part 3; My Target (Who)

I have an inclination for my project to be used in classes in the grade levels of sixth to tenth, as I believe it is best to learn these skills earlier, so that you can experience using these skills before you even need it. I needed better note taking skills in my tenth grade class, but I hadn't learned it before because my ninth grade English teacher got very sick halfway through the curriculum so I didn't learn anything for most of that semester. If I had a tool for learning how to write notes and memorizing lessons, I would have done way better after my teacher left.