

Basic Details of the Team and Problem Statement

Problem Statement Title: ADHD students experiencing challenges in academic settings due to difficulties in attention, organization, and impulse control.

Team Name: CapsLock

Team Leader Name: Swayam Khanduri

Track Name: Education



Idea & Approach Details

Description of idea/Solution/Prototype:

We seek a solution for **ADHD**, a condition worsened by decreasing attention spans influenced by social media, which can lead to severe future **Mental Health Challenges**.

- Revolutionizing education through **SNIPPETIZE** : Offering children bit-sized, digestible **snippets** of knowledge, fostering engagement and overcoming short attention span through gamification.
- Incentivizing students with in game currency to avail **assets** from market place to enhance their gaming avatar.



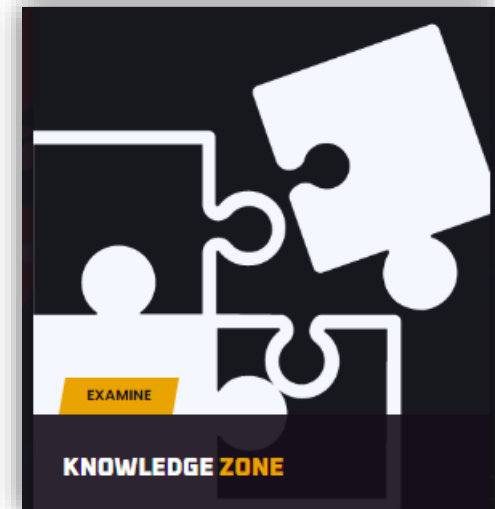
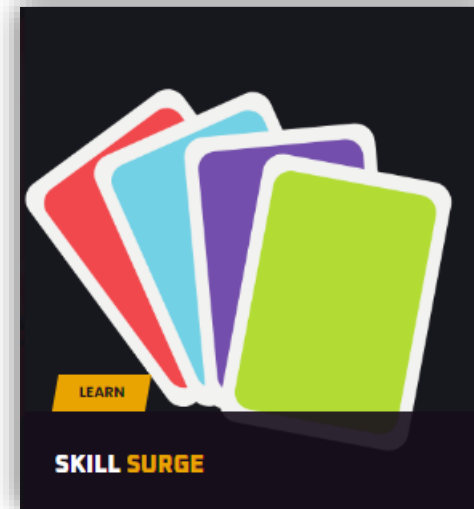
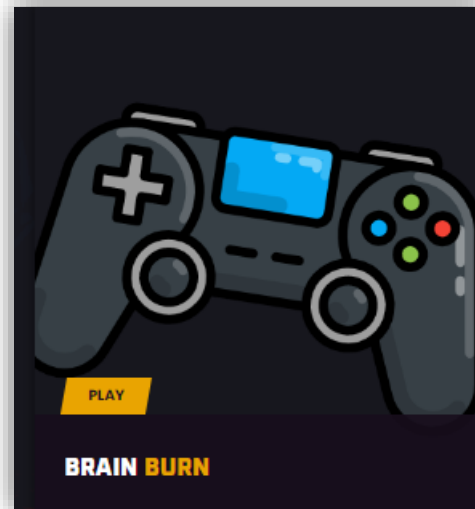
Description of use cases:

- **Register:** Simply sign up on SNIPPETIZE by providing necessary details on the platform.
- **Engage:** Participate in snippets educational sessions presented through various interactive games.
- **Provide Feedback:** Offer feedback, enabling continuous improvement for both students and parents.
- **Participate:** Join contests and earn game currency, incentivizing active learning.



SNIPPETIZE

Learn **Leap** Lead



Description of Dependencies / Show stopper:

- Understanding ADHD's educational challenges with the help of doctors and teachers and analyzing the study pattern of these children.
- Gather data from students playing games to **observe patterns in ADHD students' behavior**, aiding future medical studies.
- Automatic generation of rewards of game currency through Machine Learning and artificial intelligence.
- **Sensory stimulation** that leverages visual, auditory and kinesthetic feedback to keep track of children with hyperactivity.

GAMES CAN BE AN EFFECTIVE WAY TO TREAT IT





Technology stack:

- **Frontend:** HTML, CSS, JavaScript
- **Backend:** Firebase, Auth0
- **Hosting:** Azure Cloud Services
- **Version Control:** Git, GitHub
- **Tools and Frameworks:** .net framework, utility game engine(C# language)



Firebase



Sign in with Github