

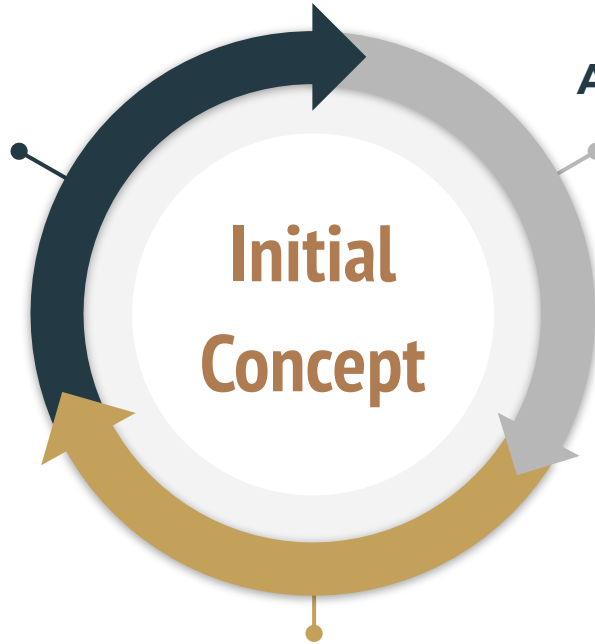
Playful Skills Learning / Enhanced Learning Processes

Competitive Pronunciation Game

Team  **Chaotic** Control



Language Learning
Pronunciation Learning and
Retraining



**Competitive
Game**
Two players, practise
pronunciation to
earn points

Audience

Speech Pathology
Assisting in learning and
retraining pronunciation

New Language Learners
Often face unknown
sounds not found in their
native language

Inspirations / Related Works

Memrise



- Allows people to practise by hearing pronunciation (same goes for Duolingo)

<https://www.memrise.com/>

Augmentative and Alternative Communication (AAC)



- Tool used in speech pathology

<https://therapiesforkids.com.au/augmentative-and-alternative-communication-aac/>

8tracks



- Using music to allow users to learn language

<https://8tracks.com/>

PENTAX



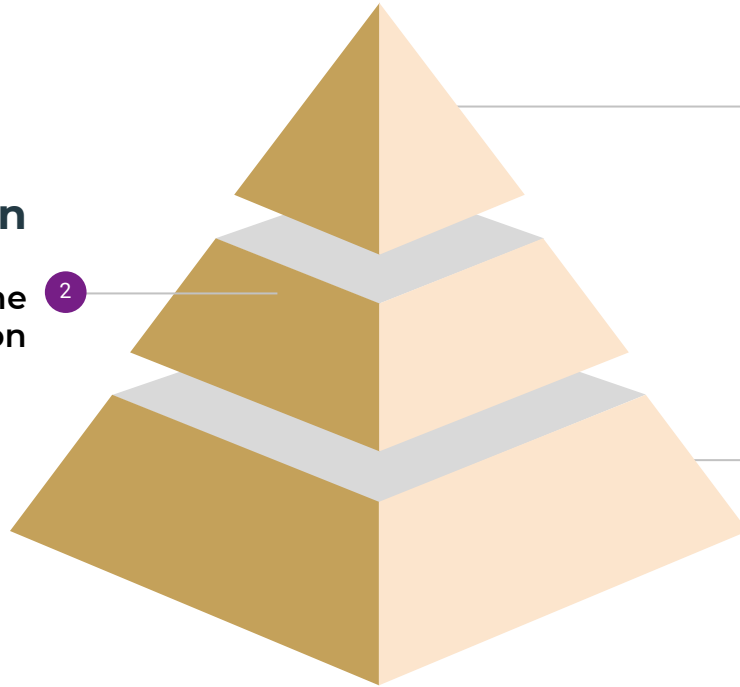
- Audio capture

<https://www.pentaxmedical.com/pentax/en/99/1/Computerized-Speech-Lab-CSL>

Form

Glass/Acrylic Screen

Will display information to the users through a projection



Curtained off area

1 Users will stand in a dark curtained space with a clear screen separating them

Audio Visual Feedback

3 Answers will be inputted via microphones, speakers and projection providing the feedback

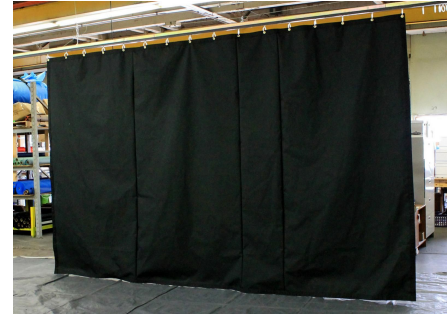
Form



**Glass Screen
Dividing Users**



**Animated
3D Models**



**Curtained
Off Area**

Interaction

1

What will it do?

Train people to pronounce different sounds to speak more clearly

2

How will people interact with it?

Players will stand opposite each other and make sounds to earn points

3

What forms of interaction will it use?

Sight, speech, hearing

4

How will it respond to them?

Provides feedback on correct pronunciation through diagrams

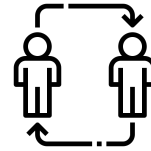
Experience

Provide patients

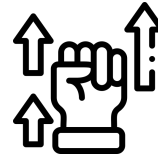
- Sense of progression
- Encouragement to continue therapy

Evoke

- Amusement and increase enjoyment
- A competitive environment



Engaged



Encouraged



Progression



Amusement

Thank You for Listening!

Team **Chaotic** Control

