

# Innovative Solution Idea #1

## **Describe the idea in a sentence.**

An app that helps people to increase lung capacity through levels that progress.

## **What is the need or opportunity the idea addresses?**

The need for the app is for people with conditions such as asthma or athletes who need to increase their breathing.

## **Which of the topics below does the idea involve?**

- artificial intelligence, machine learning or neural networks
- assistive and wearable technologies or Internet of Things (IoT)
- creating with digital systems such as drones, microcontrollers, nanosatellites and robotic devices
- games development, multimedia programming or web authoring
- mixed realities such as augmented and virtual reality
- investigation/research project on innovative uses for emerging technologies such as blockchain
- any other innovative digital solution.

## **What stage would you aim to complete the solution to?**

Proof of concept / Prototype / Product

## **What related solutions currently exist?**

Other mindfulness apps such Headspace, The Mindfulness app

## **How would your solution differ from / improve upon the solutions mentioned above?**

Our innovation differs from the competition as it is going to be made as a game instead of just an app. The game will allow for levels that increases in difficulty.

## **Innovative Solution Idea #2**

### **Describe the idea in a sentence.**

3D printer that prints out food.

### **What is the need or opportunity the idea addresses?**

This can help issues such as starvation around the world.

### **Which of the topics below does the idea involve?**

- artificial intelligence, machine learning or neural networks
- assistive and wearable technologies or Internet of Things (IoT)
- creating with digital systems such as drones, microcontrollers, nanosatellites and robotic devices
- games development, multimedia programming or web authoring
- mixed realities such as augmented and virtual reality
- investigation/research project on innovative uses for emerging technologies such as blockchain
- any other innovative digital solution.

### **What stage would you aim to complete the solution to?**

Proof of concept / Prototype / Product

### **What related solutions currently exist?**

Other 3D printers such as Choc Creator V2.0 Plus.

### **How would your solution differ from / improve upon the solutions mentioned above?**

This would differ from the competition as it would be able to print out any food not just specific foods such as chocolate.