# Proposal

The game will be a microgame collection for mobile that utilises multiple sensors for varied and unique gameplay opportunities. Players will use touch, motion, microphone and proximity input to play through a large number of very short games, usually taking around five seconds each. The player has a certain number of lives which are lost upon failing games, when they’re all one it’s game over.

Ideally this project will act as a cumulation of all the techniques I have learnt throughout the course. It will act mostly as a portfolio piece so that I have more diverse projects to show off.

The target number of games is 100. They can be played in three modes: endless, which cycles through all games of a set difficulty until the player either quits or runs out of lives; challenge, which features increasing difficulties; and practice mode, where a specified game can be played as much as the player wants. Playing the game will earn a currency which can be used to purchase games and difficulties for practice mode as well as some items to change up the gameplay.

The game will be made in Unity, using GitHub for source control and Trello for project management. It will be released for free on Android on the Google Play Store as well as Itch.io. This release version will be of a high level of polish with no known bugs.

Research would include getting the various sensors to work, especially the microphone and proximity sensor as I have had no prior experience with those. The rest of the project will be utilising the game development skills I have learnt throughout the course to create a wide range of games spanning many gameplay styles.

# Progress so far

## Research

## Prototype

# Project specification

# Potential solutions

# Tools and techniques

# Methodology

# Management

# Resources

The project does not require any equipment that is not already available to me or additional resources beyond people who would be testing the game. To have other people involved with the project, I would need to go through the ethics board for permission.

# References and reading list