# Requirements Document

Connor Ahearn, Micah Arndt and Kevin Chan

# Table of Contents

**Format**

The format of the document is structured as follows:

- Function that the user can perform with the software / accessibility features
- Detailed description of the function / feature

**Create / Save Scenario**

The software allows users to write and save scenarios.  They have complete control over the flow of the story and can incorporate questions and answers freely into the scenario.  Additionally, users can determine what happens when a correct or incorrect response is entered.

**View / Edit Scenario**

Users are able to view a list of previously created scenarios and navigate through the various parts. They can then make and save changes to the story, questions, answers, or what happens when correct or incorrect responses are triggered.

**Test scenario**

Users have the ability to load and play a scenario in order to gain a better understanding of what visually impaired learners will experience.  This will allow users to test out the flow of the story and determine if any changes need to be made.

**Add Audio**

Users are able to add audio into their scenarios.  They can load previously saved audio files into the story in order to incorporate sound FX, music or create their own narration.

**Set Pins on Braille Cell**

Users are able to trigger the activation of pins on the braille cell during the story so that learners can be taught how to read a braille cell.

**GUI Audio Accessibility**

The software interface will incorporate audio accessibility for visually impaired users.  Providing audio feedback to let users know when something on the screen has changed or when the program has performed an action.

**Hot Keys**

Short cut keys are incorporated into the system to allow users to quickly navigate through the interface.