## TECHNOLOGY SUMMARY

Speech pathology training includes classroom and clinical experience, but students receive little real world experience prior to graduation, which is problematic because most patients do not speak like textbook examples. The Linguistic Symptom Training App serves as a study tool for undergraduate and graduate speech language pathology students. The app uses self-paced training modules to help students identify and categorize linguistic symptoms from a variety of pediatric language disorders. Users access a series of sentences that mirror real speech patterns and sentence structures, then are asked to make quick judgements about whether or not each sentence contains symptoms for a specific disorder. The app could also be used to meet continuing education requirements for certified speech language pathology (SLP) clinicians.

## FEATURES AND BENEFITS

- Easy to use.
- Simulates real speech patterns and sentence structures to familiarize users with real world examples.
- Increases accuracy of speech disorder diagnoses. Trials show over 90 percent accuracy.
- Facilitates continuing education for certified SLP clinicians.

## TECHNOLOGY TYPE

| Curriculum Software Education Technology App |

## STAGE OF DEVELOPMENT

- Prototype developed using Android open source.
- Additional functionality needed to improve user interface.
- Next steps include developing next version prototype.

## IP PROTECTION

Copyright Registration in Progress.

## LEARN MORE

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