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# LINGUISTIC SYMPTOM TRAINING APP

## CREATIVE WORKS

Self-paced mobile training app for students and professionals in speech language pathology that allows users to identify and categorize simulations of real-world linguistic symptoms.

### TECHNOLOGY TYPE

Curriculum  
Software  
Education Technology  
App

### STAGE OF DEVELOPMENT

- Prototype developed using Android open source.

- Next steps include developing next version prototype.

- Additional functionality needed to improve user interface.

### LEARN MORE

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### 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.

### INVENTOR PROFILE

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