#### **MICHIGAN STATE** UNIVERSITY **Alpha Presentation** Mobile App for Remote Recording **The Capstone Experience Team Michigan State University Linguistics Gengyuan Bai** Sonia Moozhavil Jennifer Tran Lucas Wilkerson Jake Zolkosky

Department of Computer Science and Engineering Michigan State University

Fall 2022



### **Project Overview**

- This project strives to bring native language features to the MSU Linguistics mobile app for remote recording
- We are redeveloping the current Flutter app into Kotlin for Android and Swift for iOS
- Modular code to accommodate multiple research projects with different needs
- Create non-programmer friendly documentation for easy customization

## System Architecture



Team Michigan State University Linguistics Alpha Presentation

## **Profile Management**



Team Michigan State University Linguistics Alpha Presentation

141

LW

EB

JS

1

## Login Screen





# Audio Recording / Image Capture





Team Michigan State University Linguistics Alpha Presentation

## **User Recording History**



## **User Recording Statistics**



### What's left to do?

- Redesigning the user interface
- Fully functional app for iOS
- Documentation for non-programmers
- Local registration feature

### **Questions?**



The Capstone Experience

Team Michigan State University Linguistics Alpha Presentation