



# Bilkent University

## Department of Computer Engineering



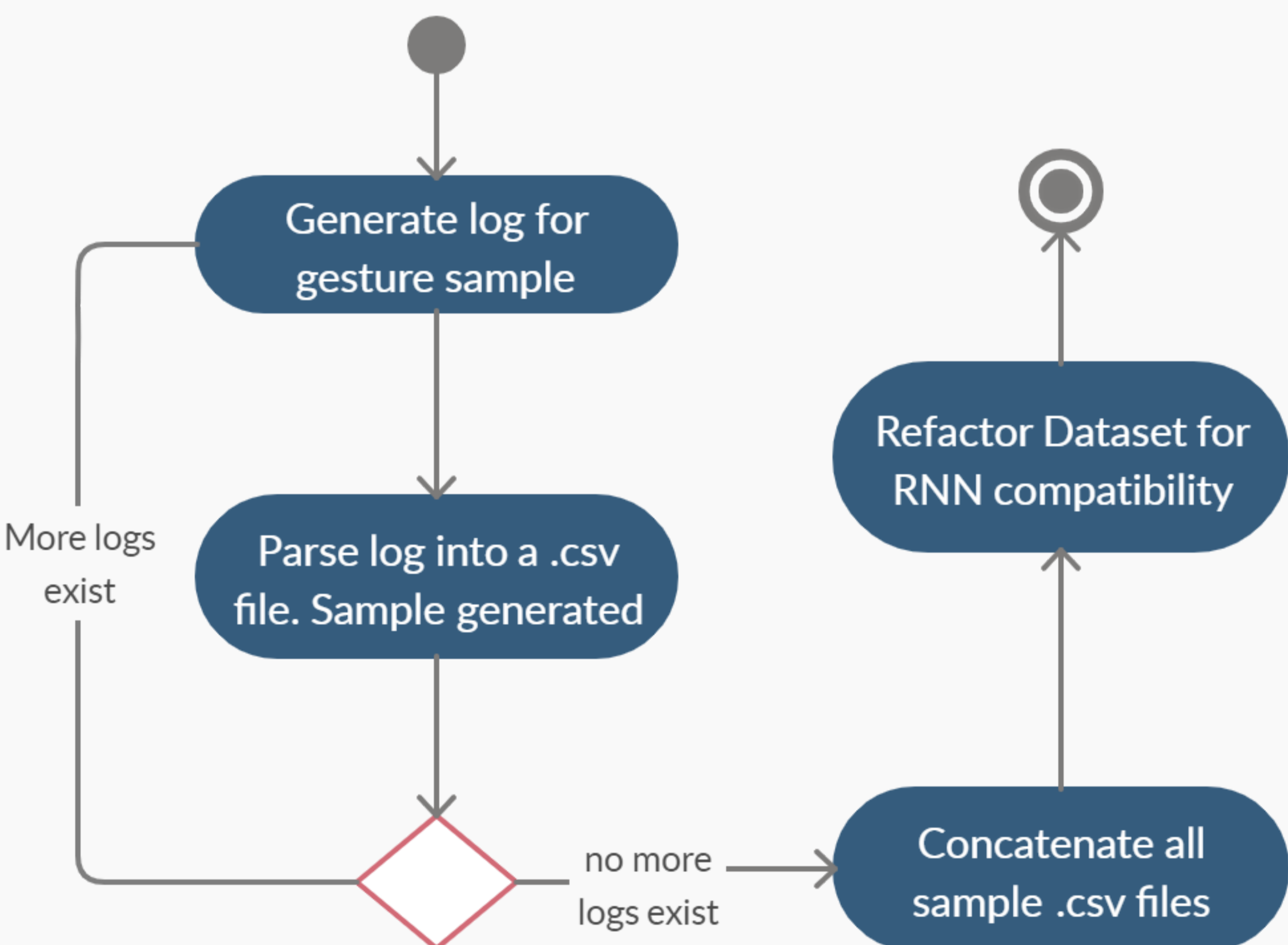
# CS FAIR 2020

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## What is SaySL?

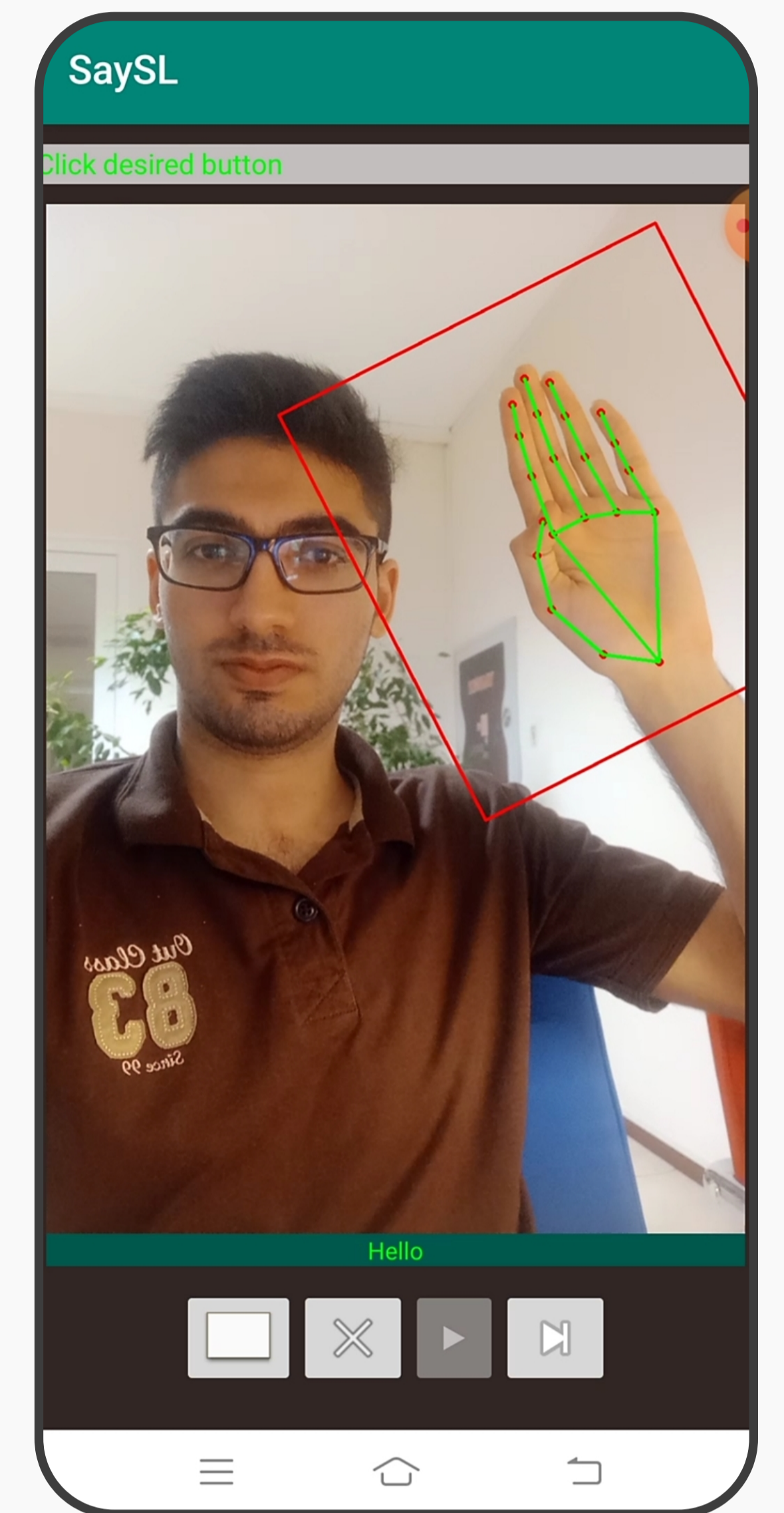
SaySL is an easy-to-use smartphone application that attempts to bridge the communication gap between the hearing and the Deaf communities. SaySL allows people from the Deaf community to be understood by non-sign-language speakers by translating American Sign Language gestures into the closest equivalent English text. Unlike the current competition in the market requiring special equipment that is almost always both expensive and heavy, our solution needs only a camera-equipped Android smartphone to accomplish the same task!

## How was gesture training carried out?



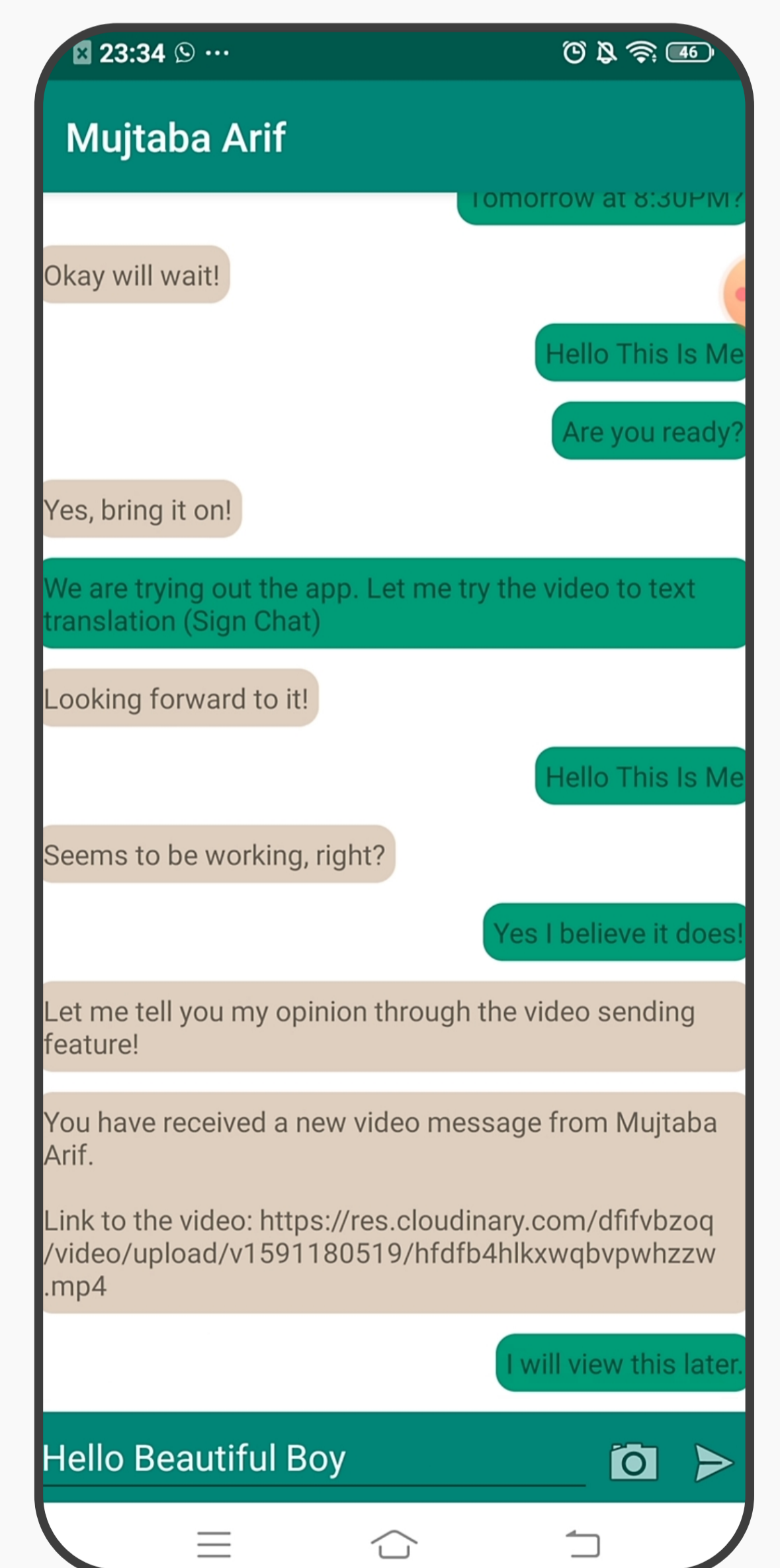
## FACE-TO-FACE COMMUNICATION

- Understand American Sign Language speakers without needing to learn the language
- Simply start SaySL and record gestures
- Get live translation of those gestures



## SIGNCHAT

- Find your friends and expand your social network
- Real-time chat with friends
- Send videos with on-the-go translation of ASL gestures to English
- Allows for textual communication between non-deaf and Deaf Community (more inclusivity)



## POWERED BY

