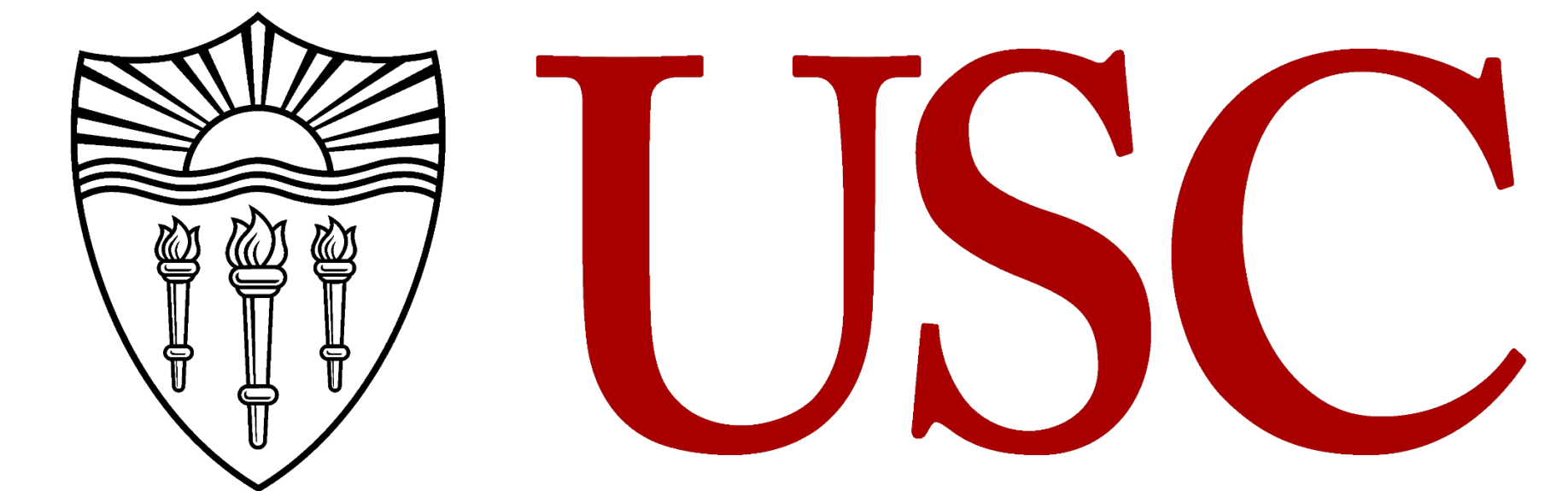
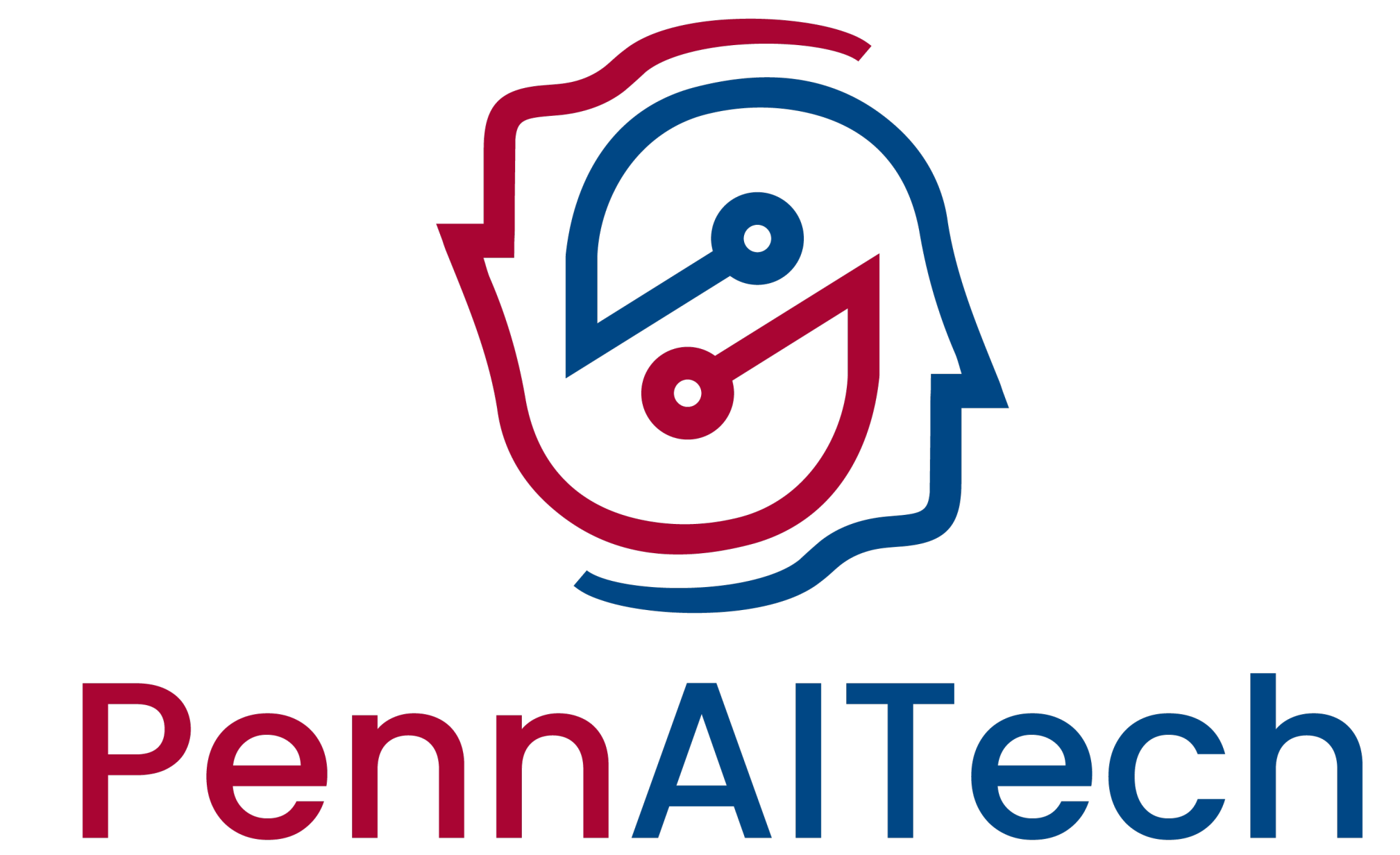




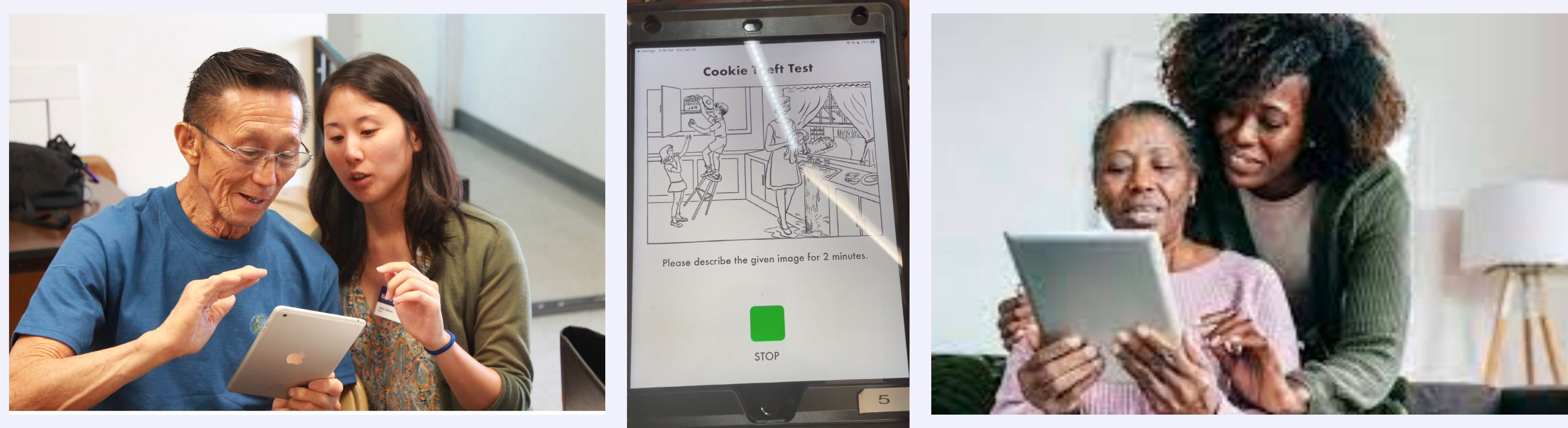
Interaction & GLAMOR Labs

An Accessible Machine Learning-Based ADRD Screening Tool for Families and Caregivers

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PennAITech AD/ADRD Focus Pilot Core



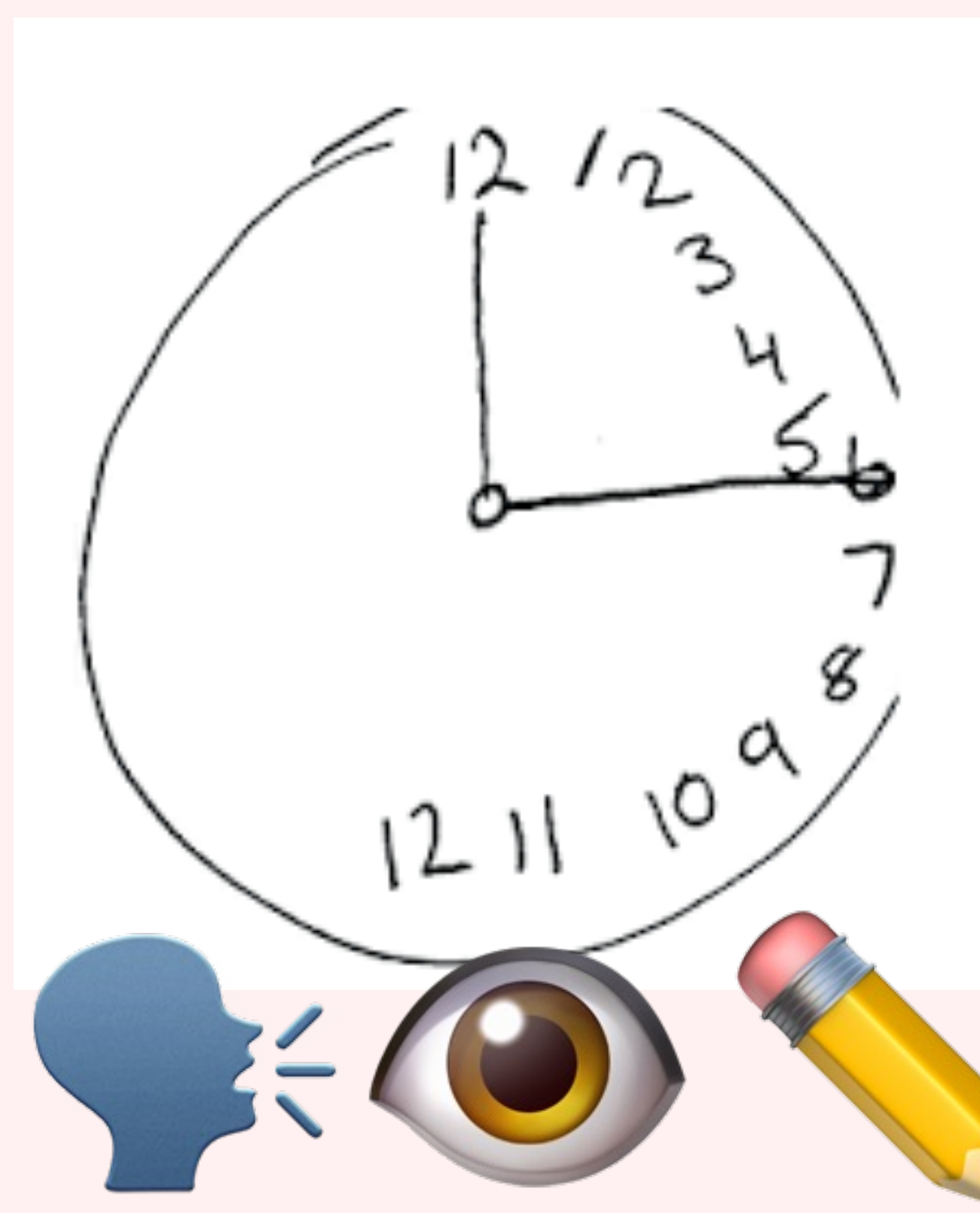
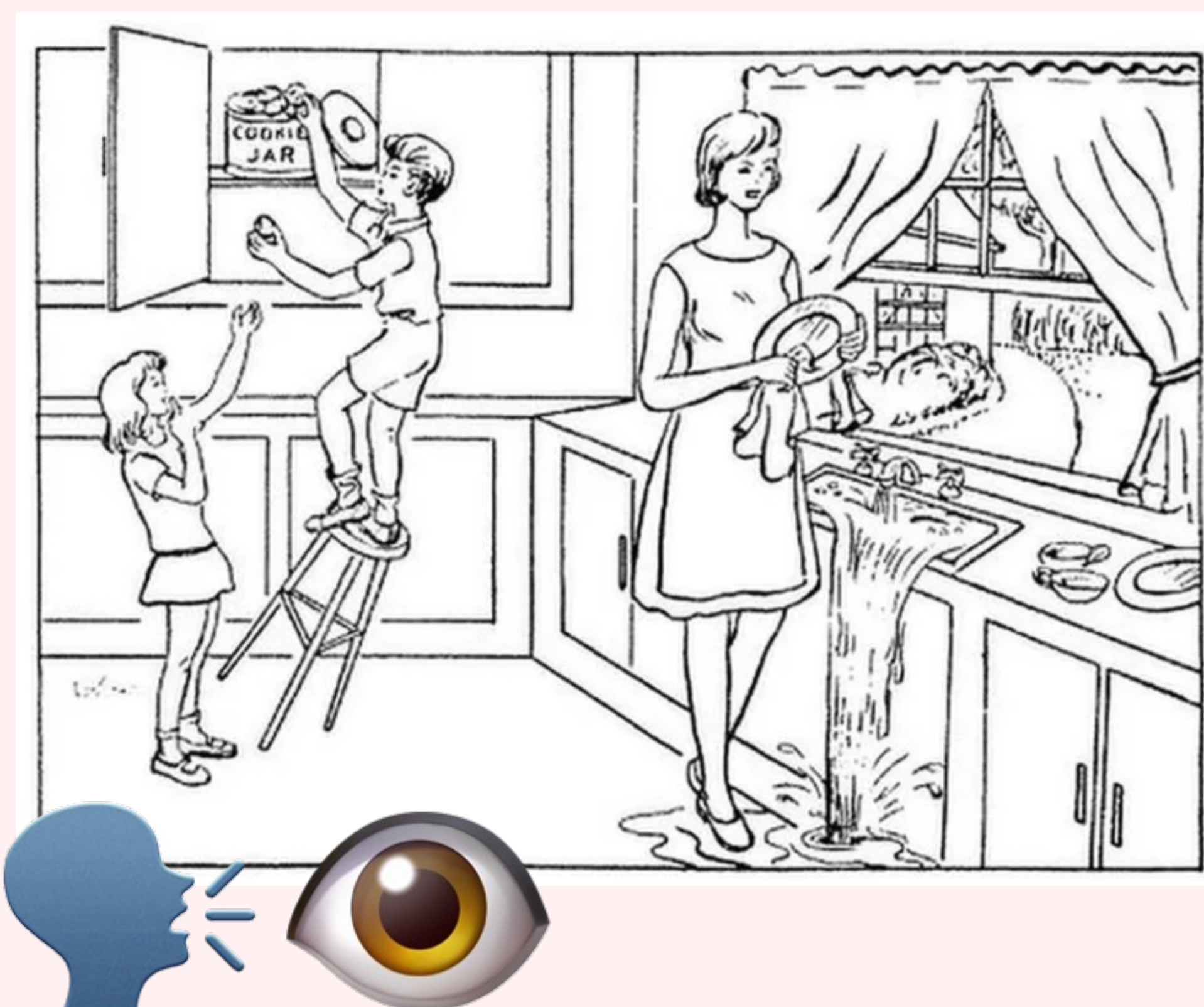
Our goal is to enable families and caregivers to administer patients in their care a small, self-contained ADRD screening tool on a mobile device.



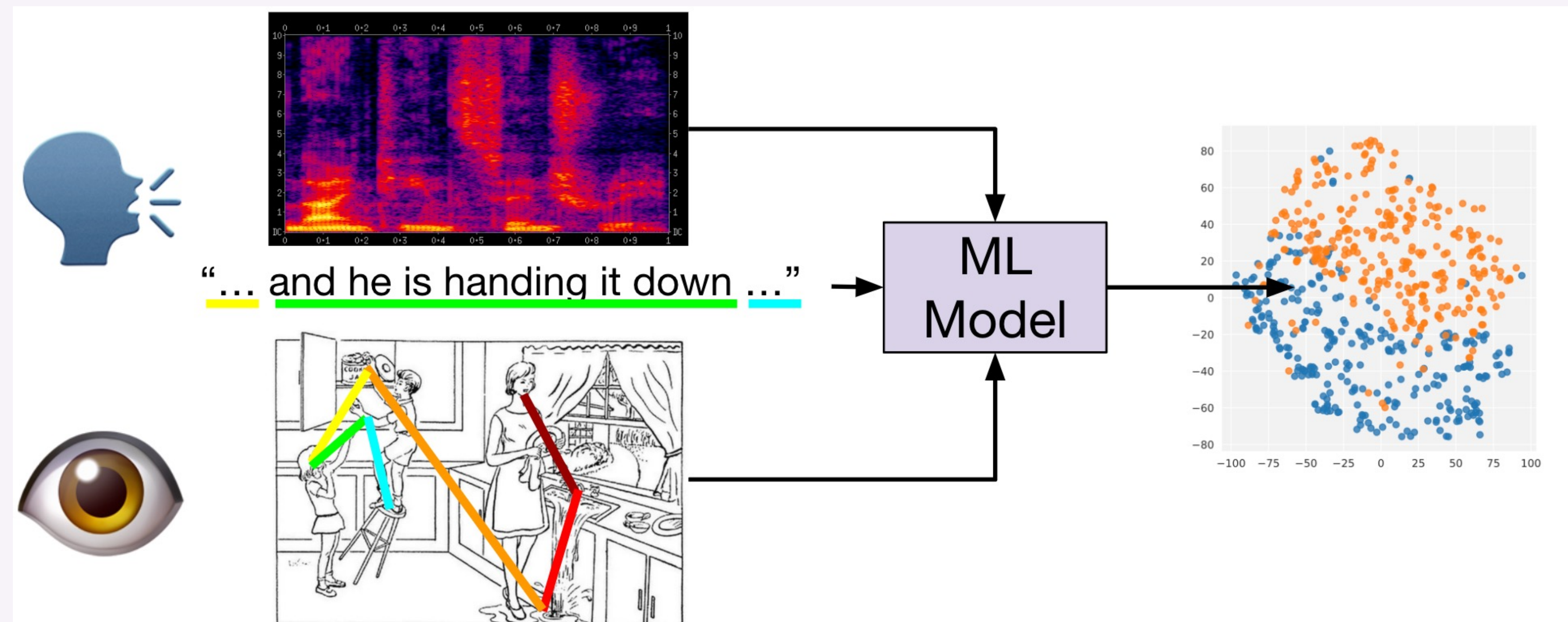
<https://uscinteractionlab.web.app/project/ADRD>

Multimodal Machine Learning models will raise an early warning for families and caregivers if signals from the diagnostic screening tasks are similar to those of patients diagnosed with ADRD.

A simple application that can be run on an iPad device will walk caregivers and patients through three common screenings that elicit patient speech, gaze, and drawing.



farm
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full
fruit
fitness



This Interface for collecting data from diagnosed ADRD and control patients will enable academic study beyond speech input for a multiple screening tests.

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