

MICHIGAN STATE
UNIVERSITY

Beta Presentation

American Sign Language Learning App

[The Capstone Experience](#)

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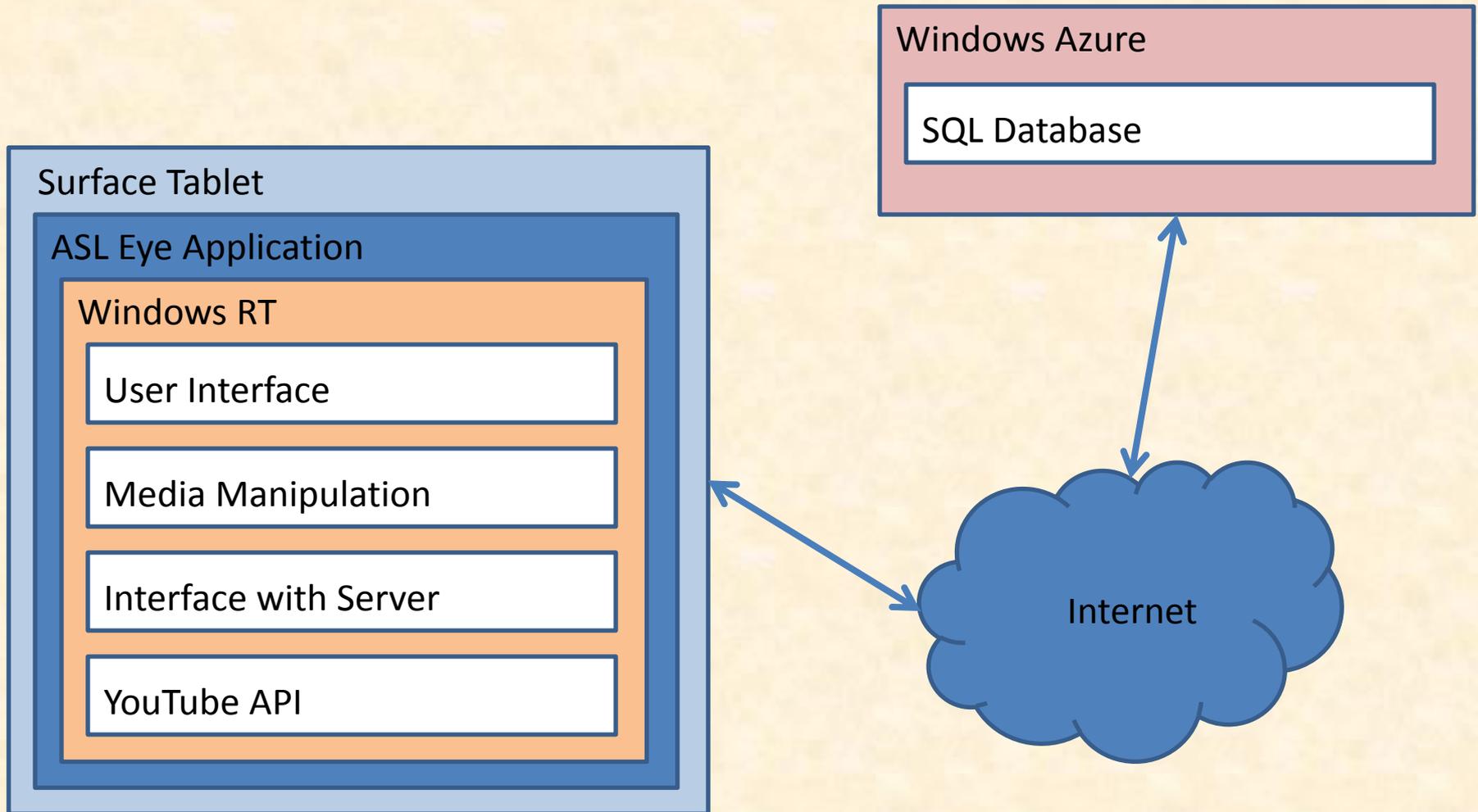
*From Students...
...to Professionals*

Project Overview

- Learning and teaching tool
- Interactive
- Student watches YouTube video
- Records themselves and sends to teacher
- Teacher annotates and critiques



System Architecture



Student Landing

Log Out User Profile

Hi Chris,
What would you like to do?

Learn

Review

Record



Lesson Plans

The screenshot shows a user interface for lesson plans. At the top left is a back arrow icon. Below it are two green buttons: "Lesson Plans" and "Recommended". To the right of these buttons is a search bar with the text "Search" and a green "Search" button. The main content area is a grid of lesson plan cards. The first card is titled "Asl colors" and features a video thumbnail with the text "ASL-Colors (Video #3)". Below it is another card titled "ASL Colors" with a video thumbnail showing a person signing and the text "How to Sign Colors in ASL". To the right of this is a card titled "colors SONG - learn your ASL colors" with a video thumbnail of a person singing. The second column has a card titled "ASL Nouns" with a video thumbnail of a person signing and the text "ASL: Nouns and Verbs". Below it is a card titled "Asl verbs lesson" with two video thumbnails: one titled "ASL Vocabulary 3 (Verbs)" and another titled "ASL VERBS #1". On the far right, there are partially visible cards titled "Ba" and "Le".



Recommended

The screenshot shows a user interface for a Sign Language 101 course. At the top, there are navigation tabs: "Lesson Plans" (highlighted in green), "Recommended" (selected), and a search bar with a "Search" button. Below the tabs, the content is organized into two main sections: "Beginner" and "Intermediate".

Beginner Section:

- Sign Language 101: Alphabet (checked with a blue checkmark)
- Sign Language 101: Numbers
- Sign Language 101: Quiz One
- Sign Language 101: Pronouns
- Sign Language 101: Questions and Colors
- Sign Language 101: Quiz Two
- Sign Language 101: Family
- Sign Language 101: Around the House
- Sign Language 101: Quiz Three
- Sign Language 101: Clothes
- Sign Language 101: Creative Useful Words
- Sign Language 101: Quiz Four

Intermediate Section:

- Adjectives in American Sign Language
- ASL VERBS #1
- ASL VERBS #2

Each item in the grid features a small thumbnail image of a hand sign and a title. A horizontal scrollbar is visible at the bottom of the content area.



Create Lesson Plans

← Create a Lesson Plan...



milk in ASL (nouns)
funny reaction of
baby



ASL Final Verbs



Cookie (/ signing "



ASL: Nouns and
Verbs



Nouns and Verbs



asl 5 reac



ASL have: NOUNS,
VERBS, ADVERBS &
ADJECTIVES?



NCHS ASL 1 Noun-
Verb Pairs &
Possessions



Clever b:



How to sign " cat "
in asl



Verbs (ASL)



Learn Sig
Language

ASL Nouns

Search



Play

Pause

Enter Lesson Plan Name:

ASL Nouns

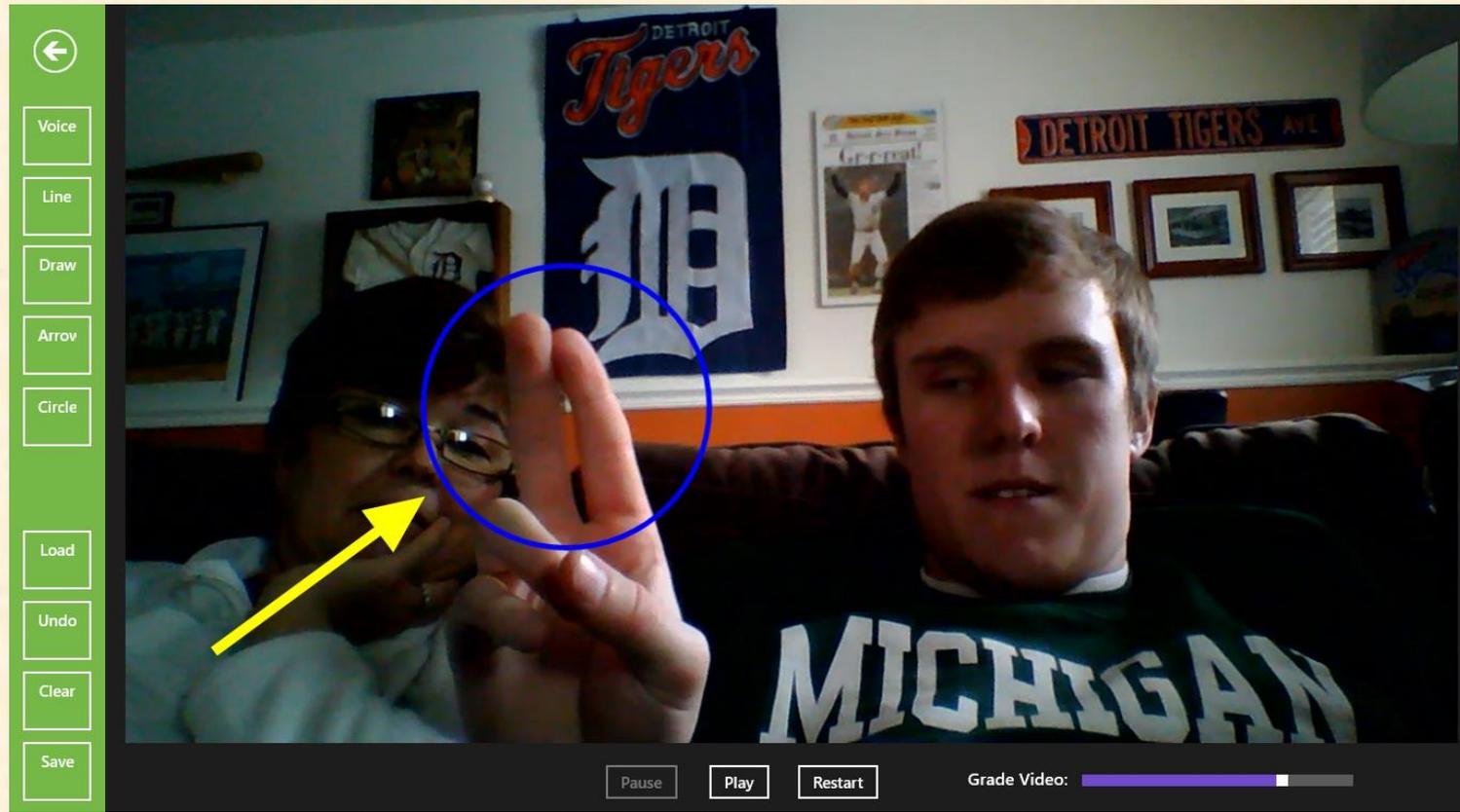
Name the Lesson:

Nouns 1

Add



Annotate



What's left to do?

- Modify lesson plans
- Annotate multiple frames
- App lifecycle
- Notifications (Nice to have)

