

MICHIGAN STATE
U N I V E R S I T Y

Beta Presentation

American Sign Language Learning App

The Capstone Experience

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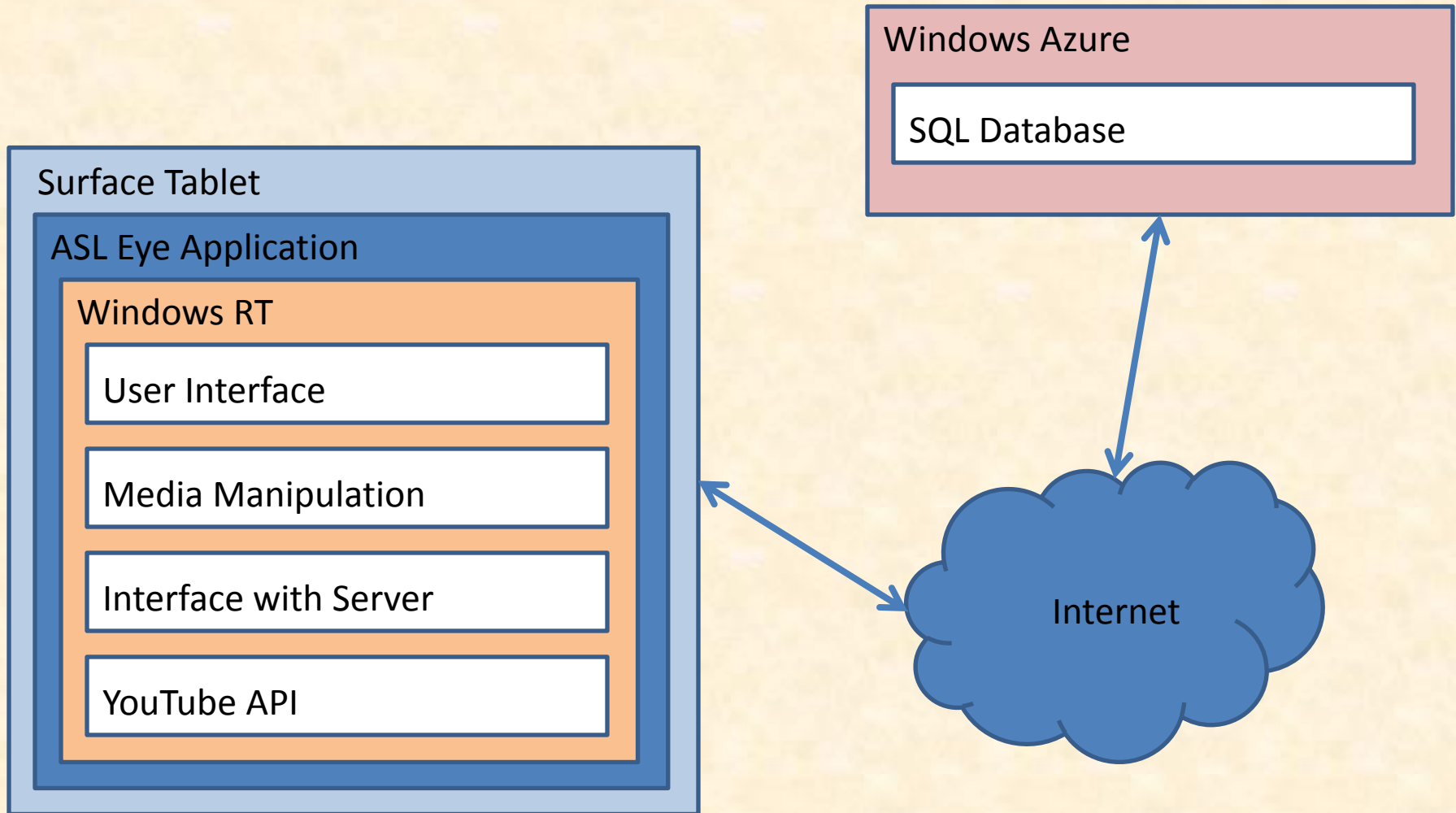
*From Students...
...to Professionals*

Project Overview

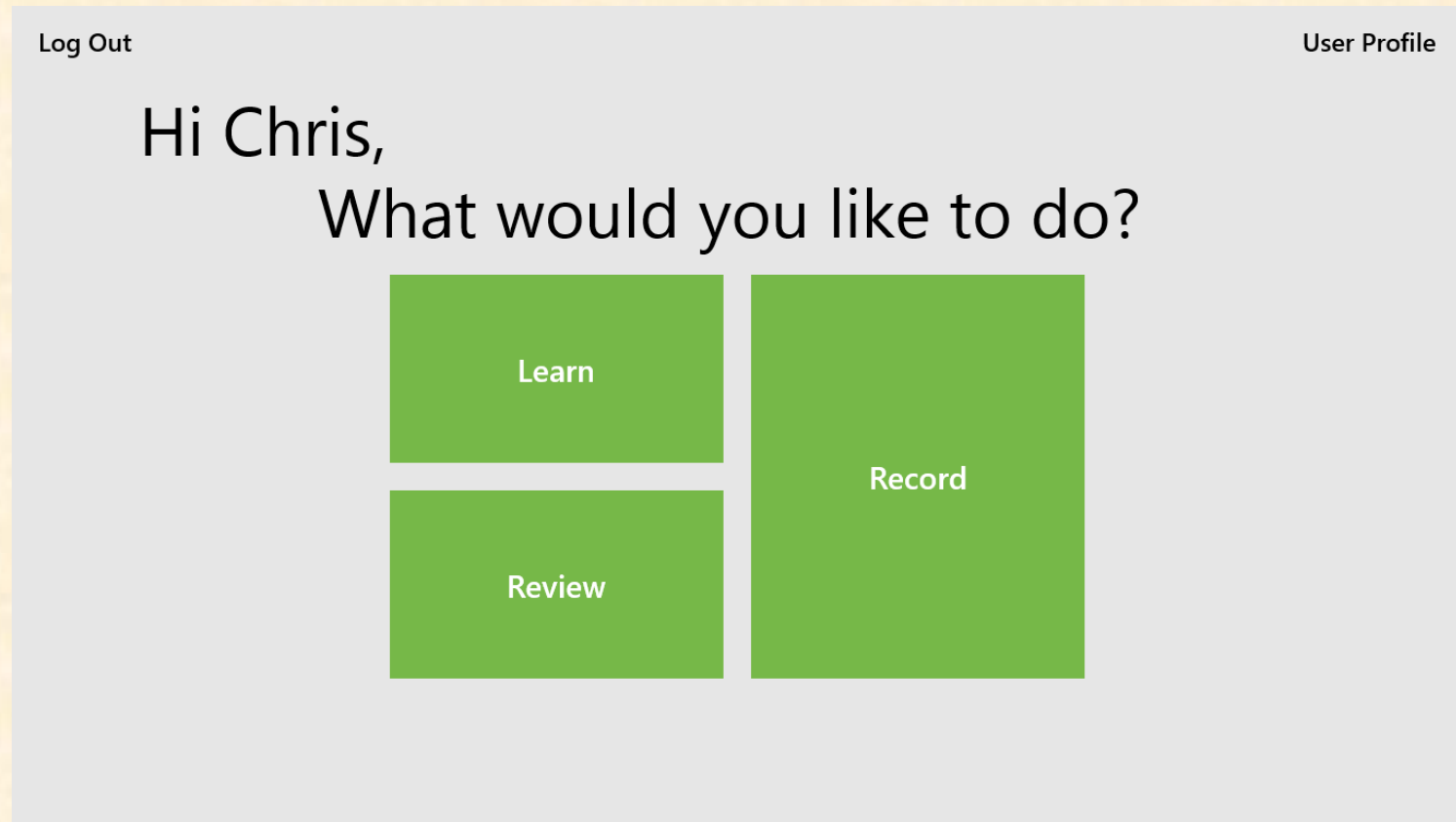
- Learning and teaching tool
- Interactive
- Student watches YouTube video
- Records themselves and sends to teacher
- Teacher annotates and critiques



System Architecture



Student Landing



Lesson Plans

←

Lesson Plans Recommended

Search Search

Asl colors

ASL Colors (Video #3)

ASL Colors

ASL Nouns

ASL: Nouns and Verbs

Asl verbs lesson

ASL Vocabulary 3 (Verbs)

ASL VERBS #1

How to Sign Colors in ASL

colors SONG - learn your ASL colors

Ba

Le



Recommended

←

Lesson Plans Recommended Search Search

Beginner

Sign Language 101: Alphabet ✓

Sign Language 101: Pronouns

Sign Language 101: Family

Sign Language 101: Clothes

Sign Language 101: Numbers

Sign Language 101: Questions and Colors

Sign Language 101: Around the House

Sign Language 101: Greetings and Useful Words

Sign Language 101: Quiz One

Sign Language 101: Quiz Two

Sign Language 101: Quiz Three

Sign Language 101: Quiz Four

Intermediate

Adjectives in American Sign Language

ASL VERBS #1

ASL VERBS #2

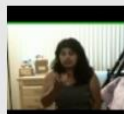
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Create Lesson Plans

← Create a Lesson Plan...



milk in ASL (nouns)
funny reaction of
baby



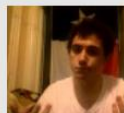
ASL Final Verbs



Cookie (/ signing "



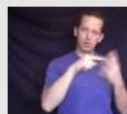
ASL: Nouns and
Verbs



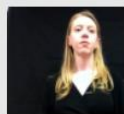
Nouns and Verbs



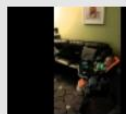
asl 5 reat



ASL have: NOUNS,
VERBS, ADVERBS &
ADJECTIVES?



NCHS ASL 1 Noun-
Verb Pairs &
Possessions



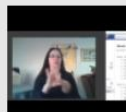
Clever be



How to sign " cat "
in asl



Verbs (ASL)



Learn Sig
Languag

ASL Nouns

Search



Play

Pause

Enter Lesson Plan Name:

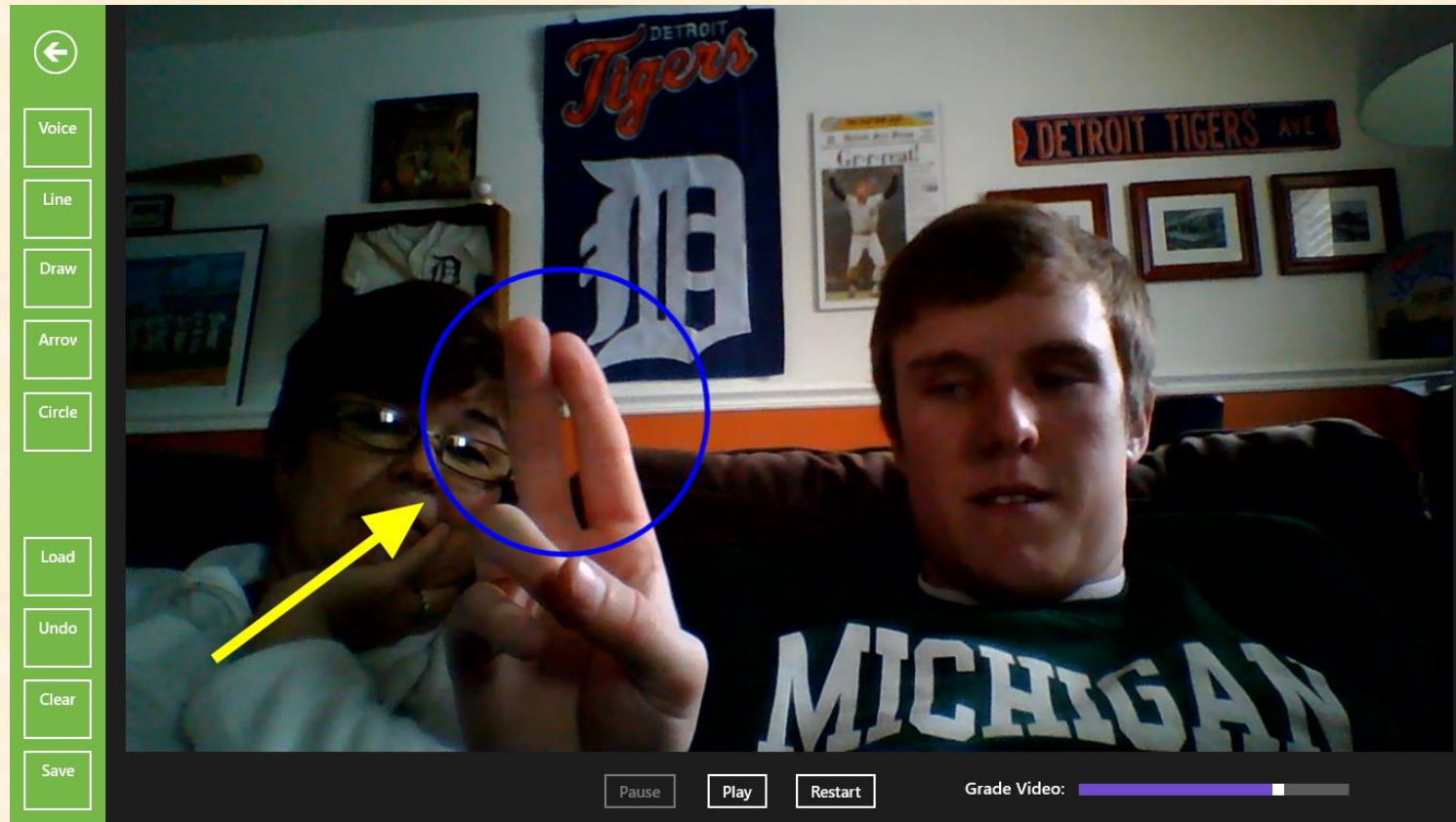
ASL Nouns

Name the Lesson:

Nouns 1

Add

Annotate



What's left to do?

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

