

MICHIGAN STATE

U N I V E R S I T Y

Alpha Presentation

American Sign Language Learning Application

The Capstone Experience

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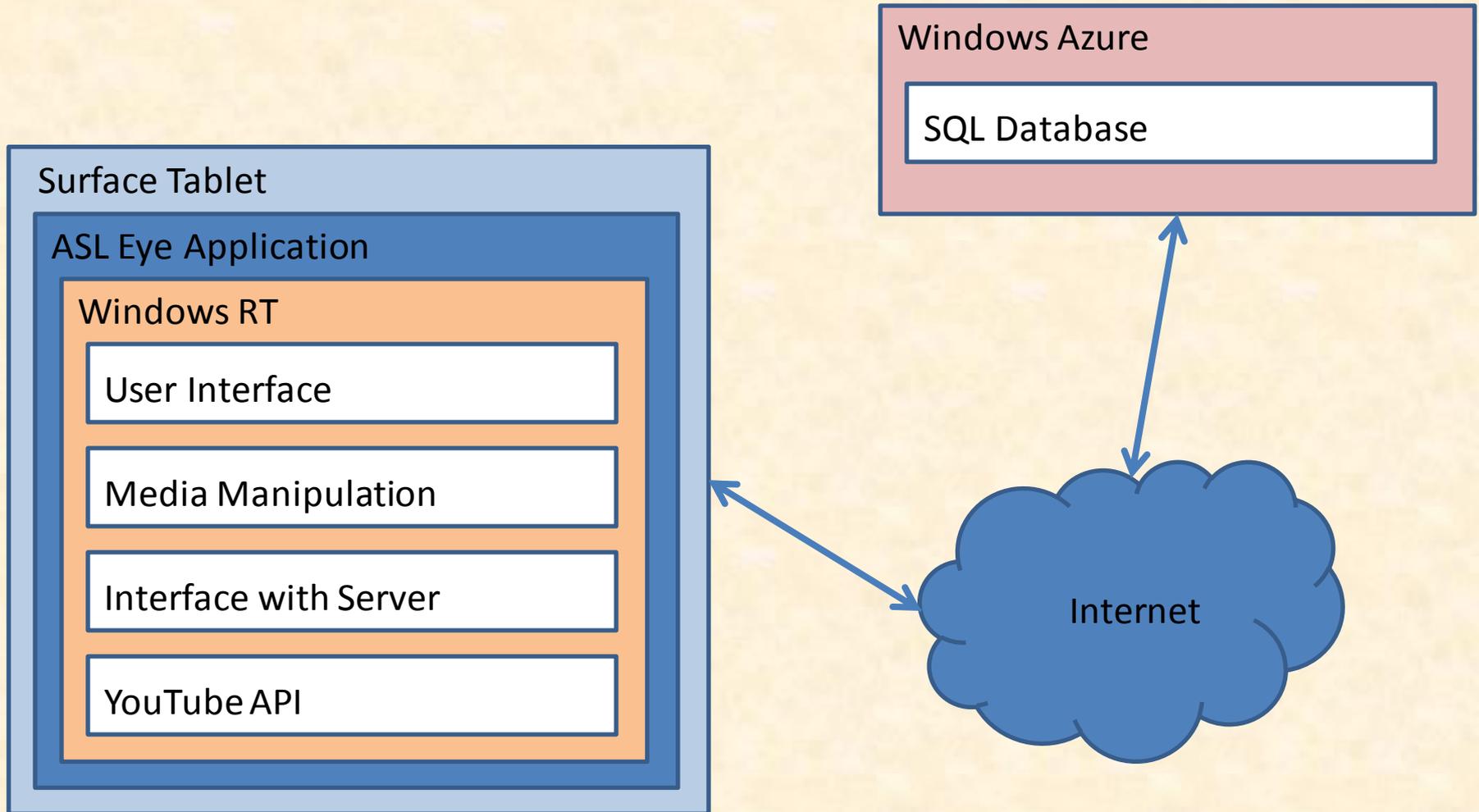


*From Students...
...to Professionals*

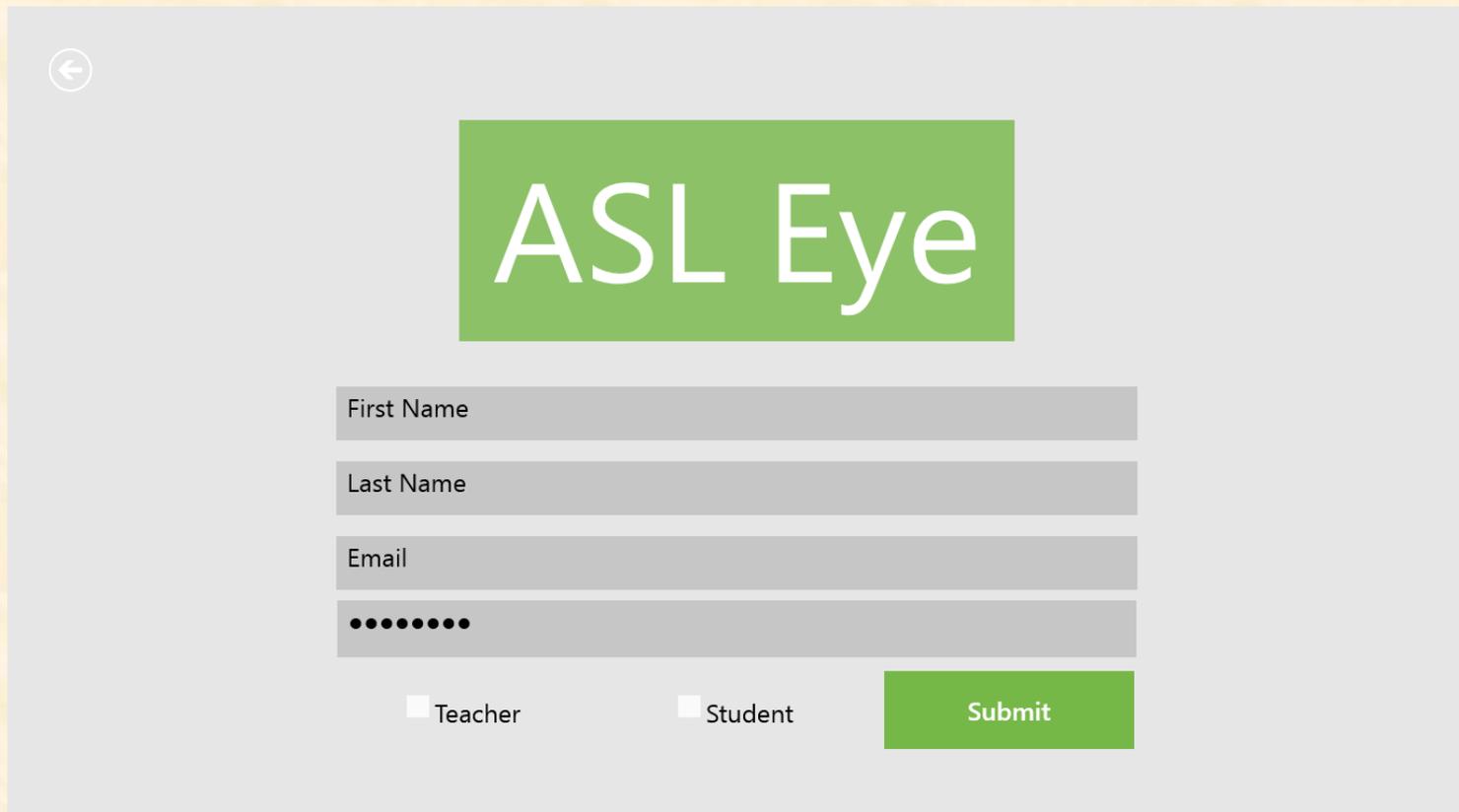
Project Overview

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

System Architecture



Sign Up



A sign-up form for 'ASL Eye' displayed on a light gray background. At the top left is a back arrow icon. The 'ASL Eye' logo is centered in a green box. Below it are four input fields: 'First Name', 'Last Name', 'Email', and a password field with seven dots. At the bottom are two radio buttons for 'Teacher' and 'Student', and a green 'Submit' button.

ASL Eye

First Name

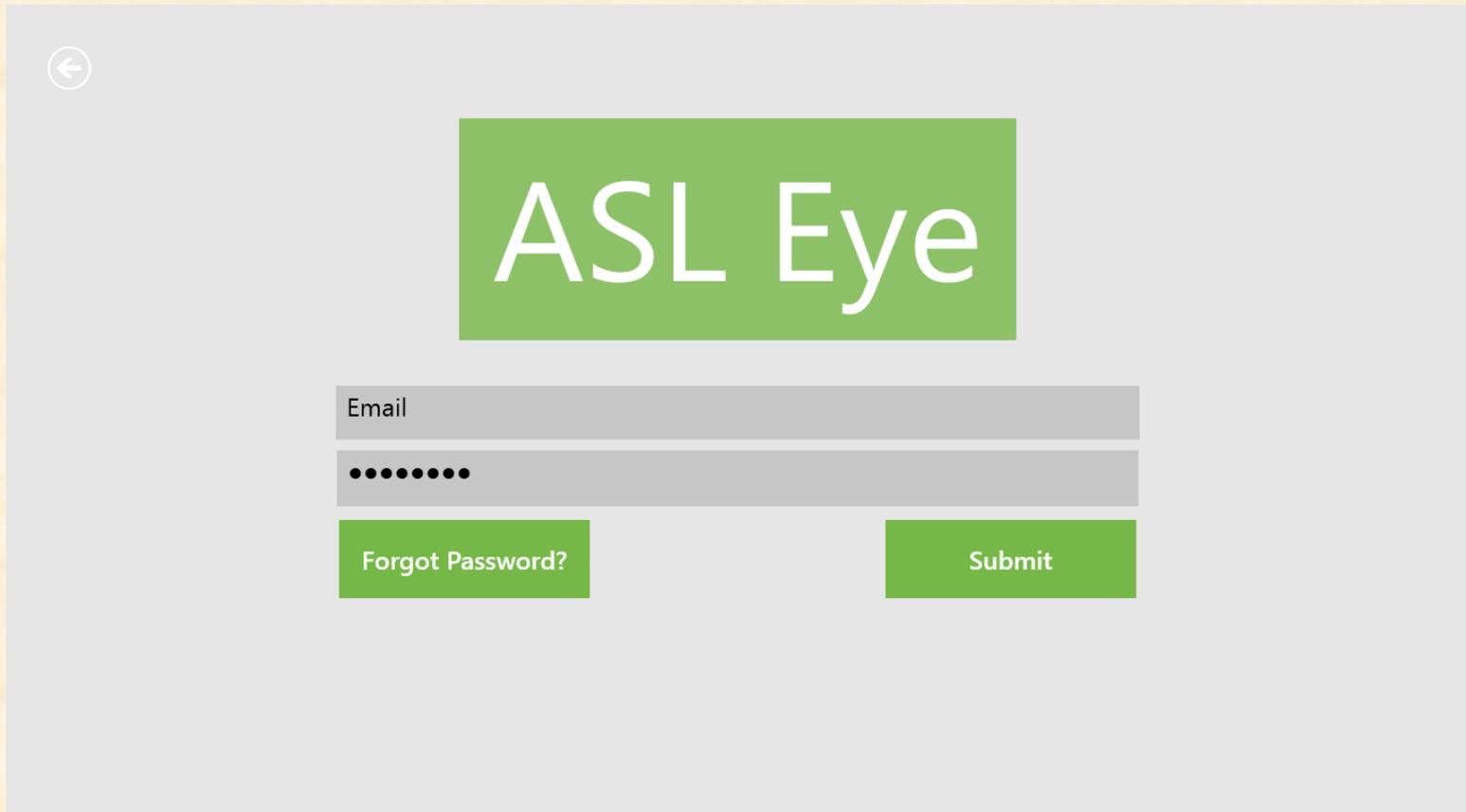
Last Name

Email

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Teacher Student

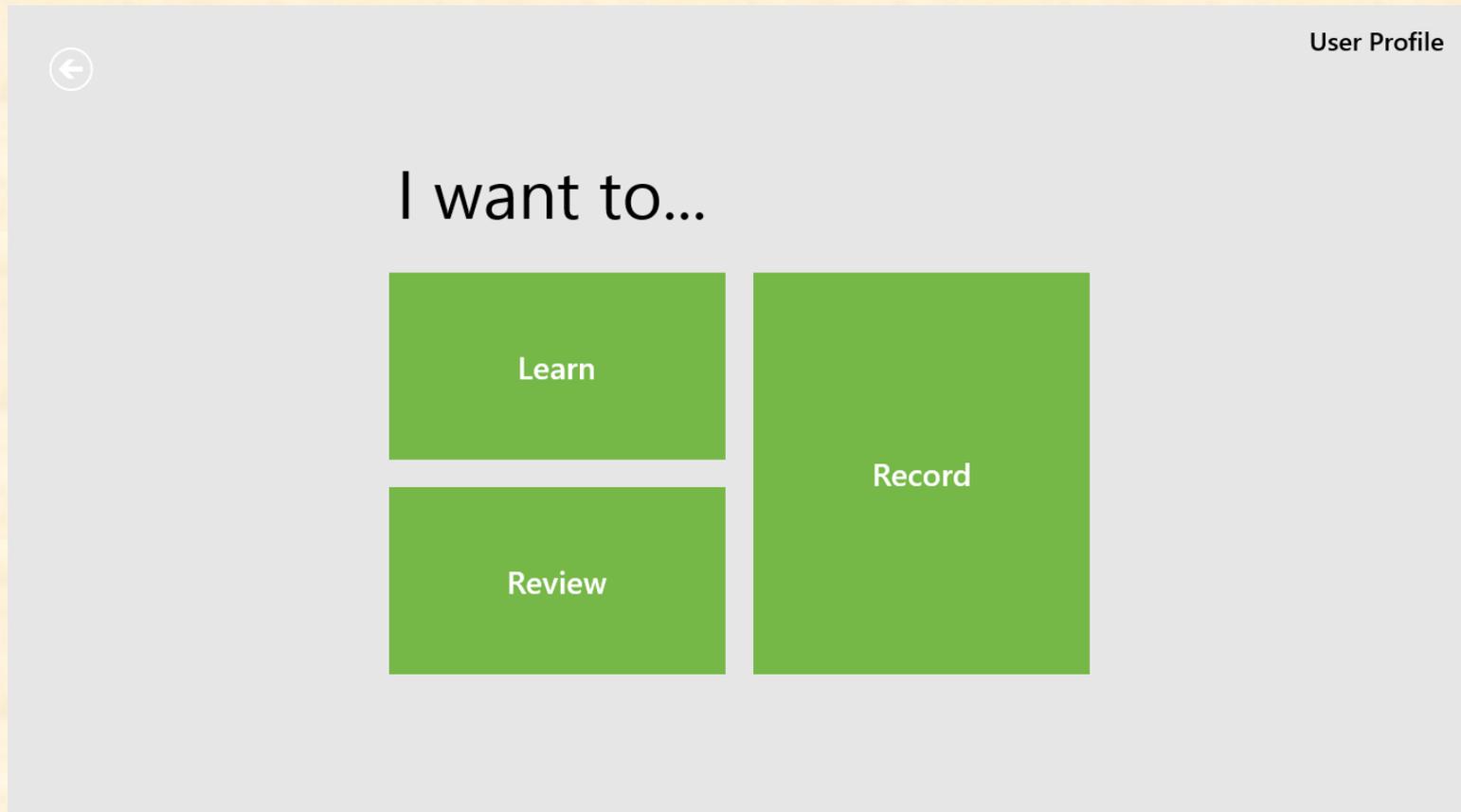
Login



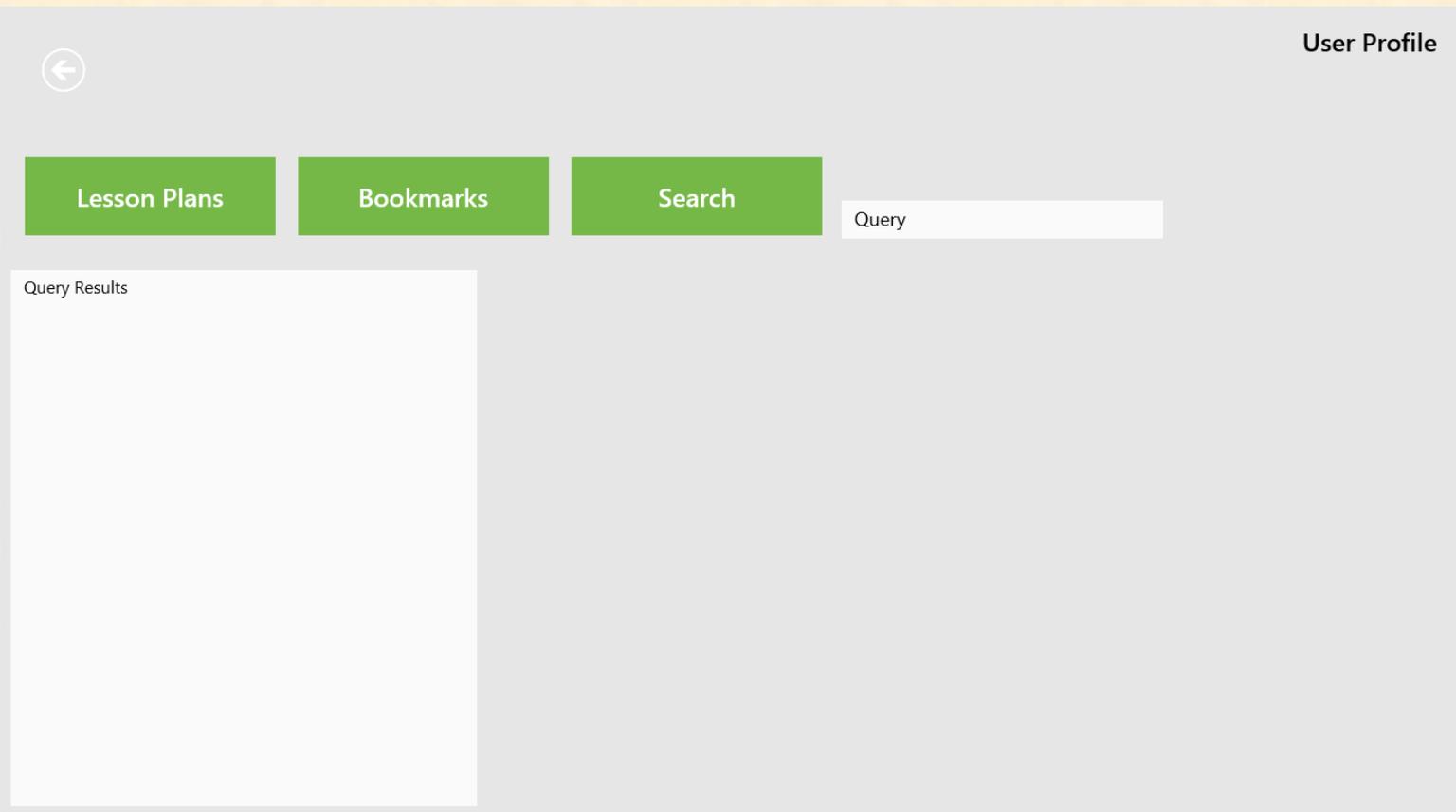
A login form for 'ASL Eye' displayed on a light gray background. In the top left corner, there is a circular back arrow icon. The logo 'ASL Eye' is centered in a green box. Below the logo are two input fields: the first is labeled 'Email' and the second contains seven black dots representing a password. At the bottom, there are two green buttons: 'Forgot Password?' on the left and 'Submit' on the right.



Student Landing

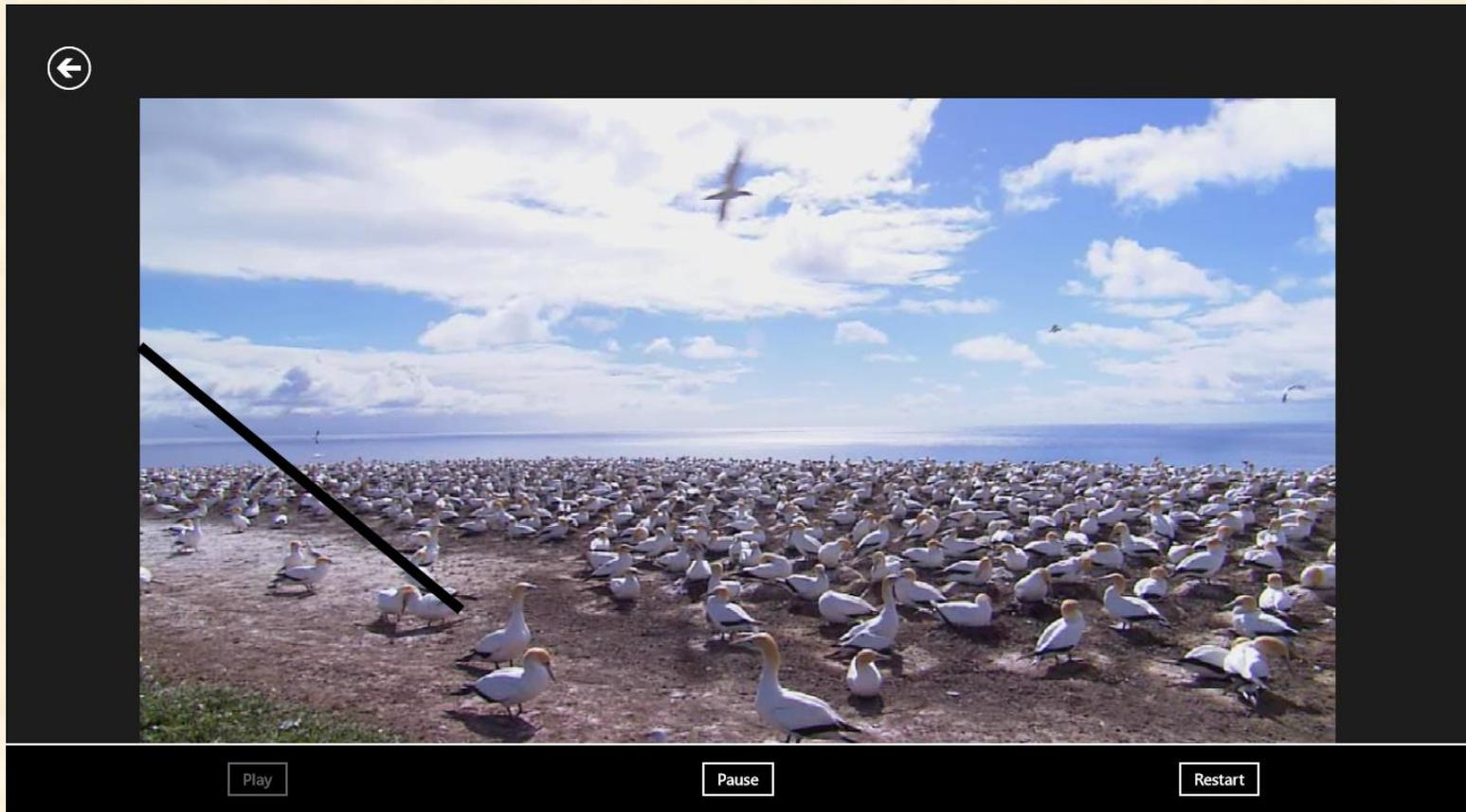


Learn

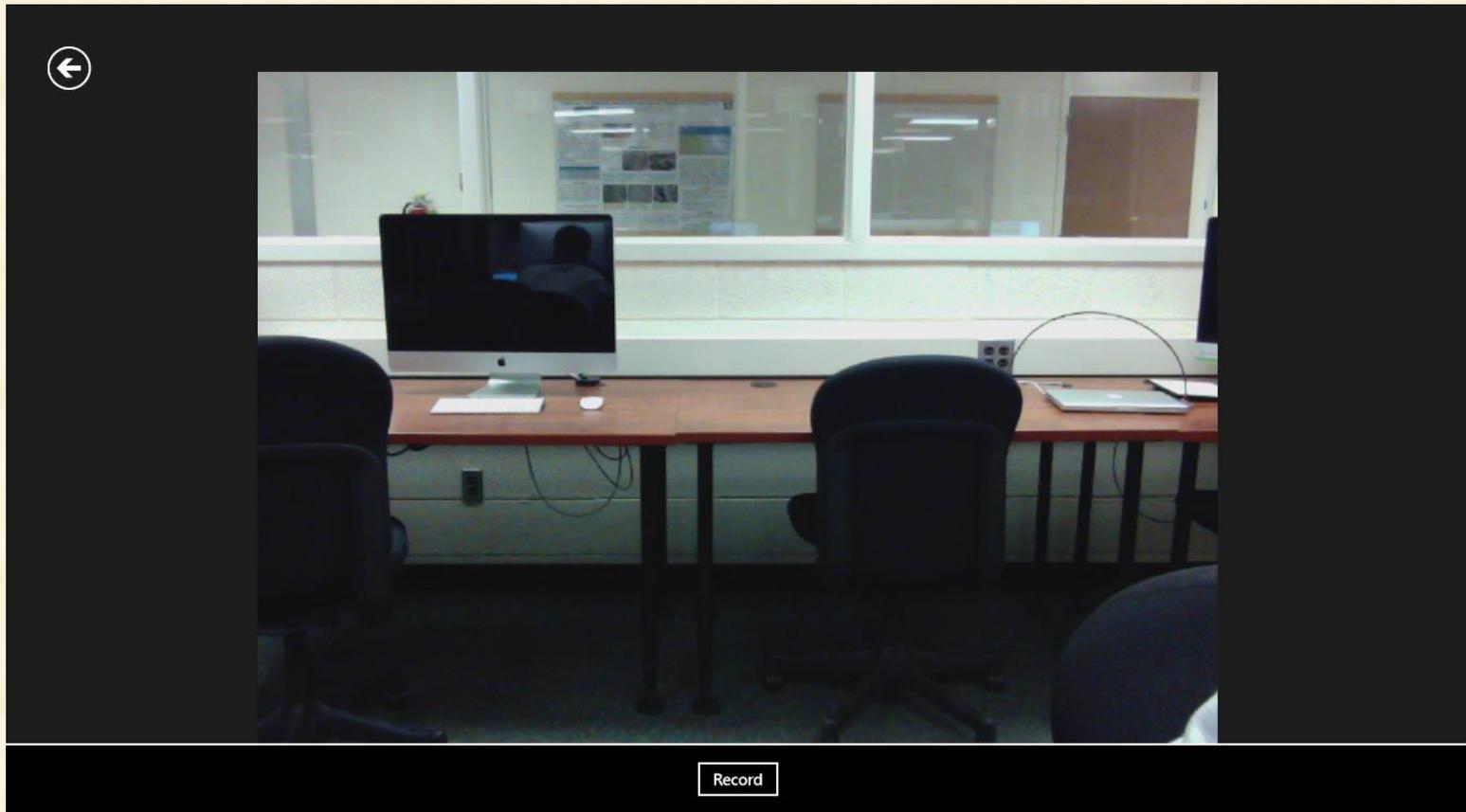


The image shows a user profile interface with a grey background. At the top right, the text "User Profile" is displayed. On the left, there is a circular back arrow icon. Below this, there are three green buttons labeled "Lesson Plans", "Bookmarks", and "Search". To the right of the "Search" button is a white search input field with the placeholder text "Query". Below the search bar is a large white rectangular area labeled "Query Results".

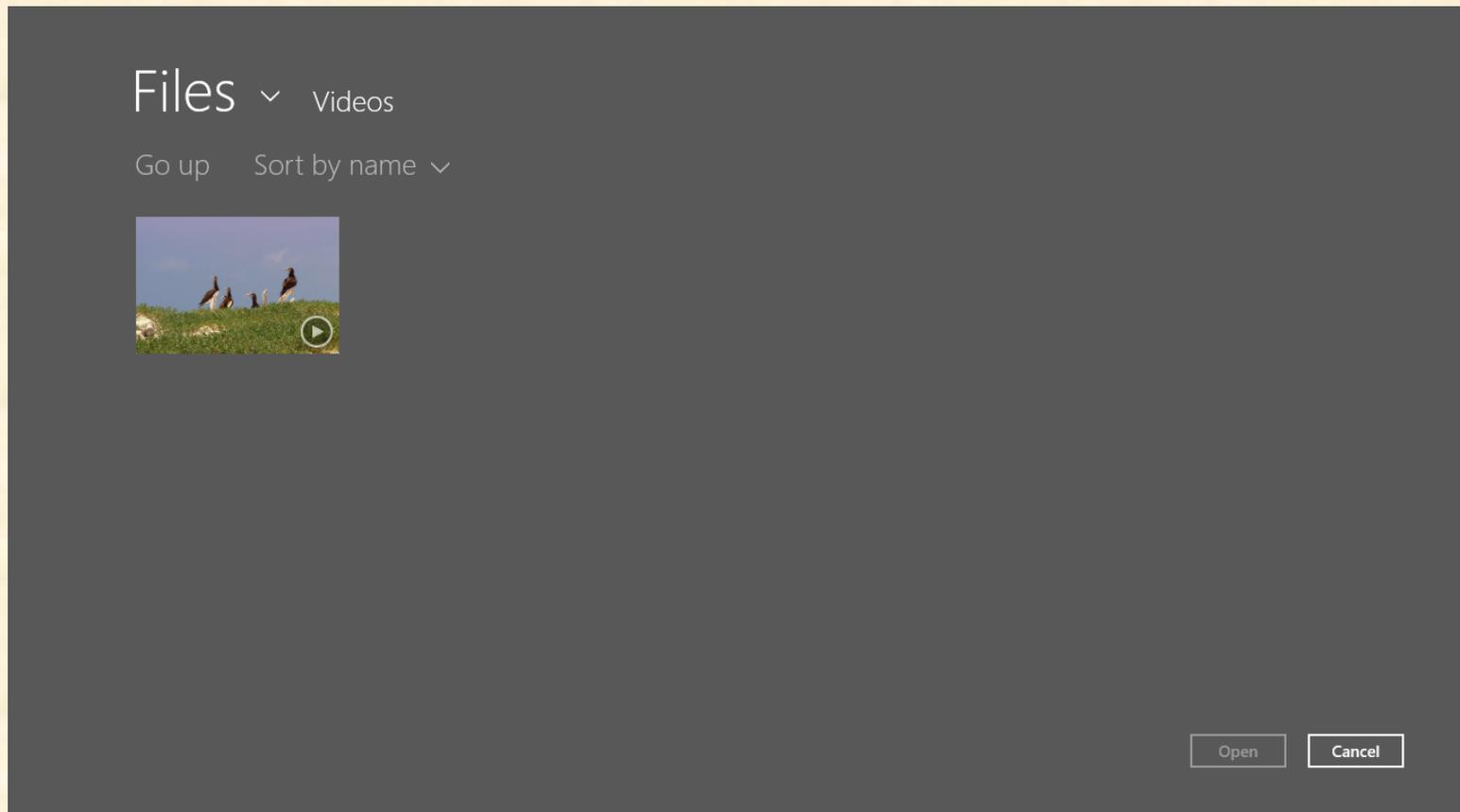
Watch



Record



Review



What's left to do?

- Draw annotation on pointer press
- Different annotation options
- Associate annotation with video
- Transfer videos between devices
- Create lesson plans
- Notifications