

Computer Science Senior Design Laboratory

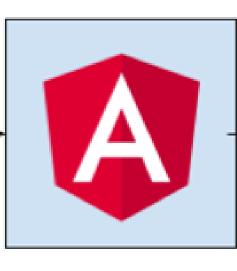
## TrackMe.Live (Team 14) Christopher Ariagno (CS), Jack Lunceford (CS), Ross Copeland (CS), Noah Mohabbat (CS), Aaron Aylor (CS)

## Description & Purpose

- TrackMe.Live is a web application to either manually control or use an ML model to track an individual while speaking with an external camera.
- This project is being undertaken in order to create a free web application that enables the user to control a camera via a simple
- Right now, a problem with filming a speaker in a room is that camera controlling software can be very expensive and not userfriendly.
- The result of the project would be a free and easy-to-use web application that controls the camera angle, as well as possibly a machine learning model built into the web application that would fully automate the process of filming a speaker.

# Design

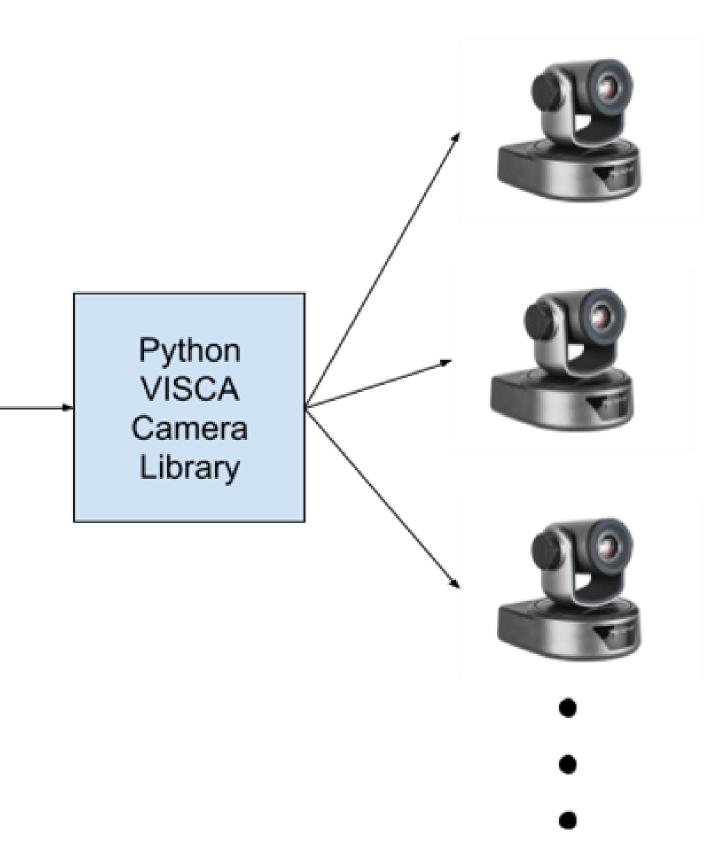




Angular Frontend Controller



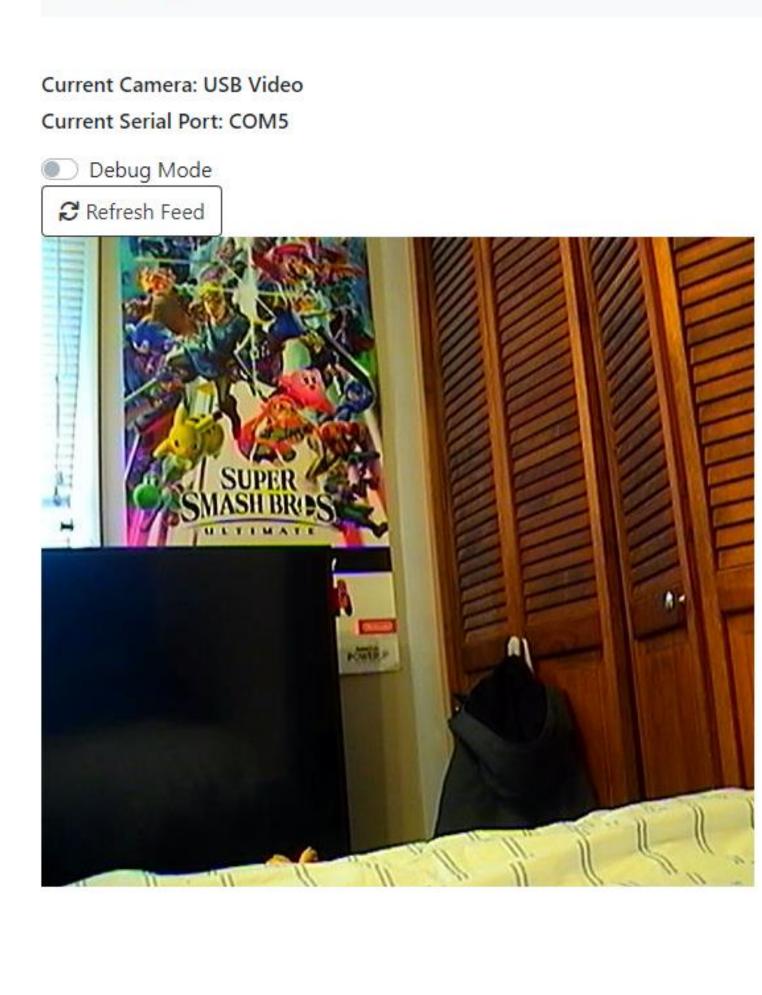
Python Flask Backend

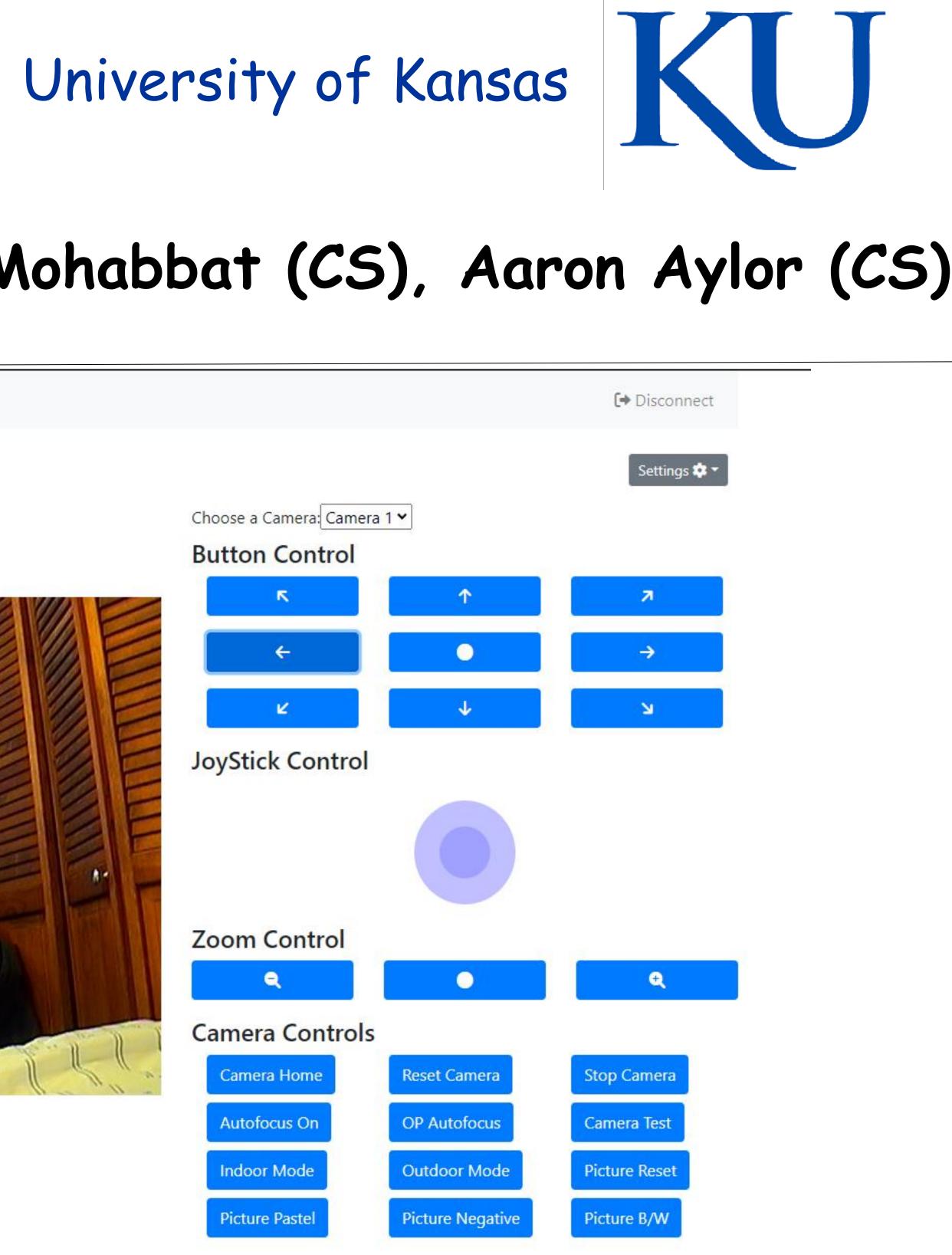


Ethics: Since our project mainly uses open-source libraries the only ethic issue would be not crediting the original authors. Another ethical issue could come from damaging the camera of the user, even if the possibility is very small.

IP: Since we are using open source there should be no issues with intellectual property if we are using the libraries and frameworks as intended.

Trackme.Live Home Settings





View your stream at: http://localhost:5000/video\_feed

## Ethical & Intellectual Property Issues