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# EBISU: A USER-INPUT SOLUTION

# Background

- Ebisu is meant to function as an Input device by tracking and categorizing gestures.
- Unsupervised learning means that Ebisu can learn on the go and gradually adapt to the user.
- Advantages of gesture-based input are numerous. Including silence, subtlety, and the ability to use Ebisu while on the move.

# Hardware Details

- Flex sensors for each finger
- Accelerometer for directionality
- Glove as wearable

# Software Details

- The Algorithm: DBSCAN

- Curse of Dimensionality
- Overall performance
- Limitations

- Next Steps

- Integration
- Dynamic Gestures

DEMO



Questions?