

AirController

Thanks for testing out the AirController. If there are any questions, message us (Team 1) on the discord please

Name

Josh

GUI

Tell us about the GUI

Absolutely Not

Not really

Meh

Sure, kinda

Absolutely

Was the GUI
easy to
understand?

☐☐☐☒☐

Did watching the
tutorial videos
make it easier to
understand?

☐☐☐☒☐

Did it look
aesthetically
pleasing?

☐☐☒☐☐

Are there any improvements/suggestions you have for the GUI?

Nothing really, it does its job

Speech Detection

Tell us about the speech processing

	Absolutely Not	Not really	Meh	Sure, kinda	Absolutely
Was the required inputs/speech clear enough	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Did the AirController properly follow your instructions?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for speech recognition?

From when we saw everything seemed to be working well

Gesture Recognition

Tell us about Gesture Recognition (the IMU)

	Absolutely Not	Not really	Meh	Sure kinda	Absolutely
Were the gestures simple enough to do?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Did the gestures make sense to do the corresponding command?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Does the IMU feel safe to use?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did the gestures feel strenuous to do?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for gesture recognition?

I think just the connection problems were the only issue here

Pose Detection

Tell us about pose detection

	Absolutely Not	Not really	Meh	Sure kinda	Absolutely
Did the poses feel strenuous in any way?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did the poses make sense for the corresponding command?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
How likely would you be to do the poses outside of the command?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for pose detection?

Poses were fun, like before just the connection dying out at times

User Manual

Tell us about the user manual

	Absolutely not	Not really	Meh	Sure kinda	Absolutely
Does the user manual make sense?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Is the user manual simple enough to use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Do you believe pictures are required for the user manual?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Any suggestions/improvements for the user manual?

NA

This form was created inside of Google Apps for UCLA.

Google Forms

AirController

Thanks for testing out the AirController. If there are any questions, message us (Team 1) on the discord please

Name

Khoa Quach

GUI

Tell us about the GUI

Absolutely Not

Not really

Meh

Sure, kinda

Absolutely

Was the GUI
easy to
understand?

☐☐☐☐☒

Did watching the
tutorial videos
make it easier to
understand?

☐☐☐☐☒

Did it look
aesthetically
pleasing?

☐☐☐☒☐

Are there any improvements/suggestions you have for the GUI?

Speech Detection

Tell us about the speech processing

Absolutely Not

Not really

Meh

Sure, kinda

Absolutely

Was the required
inputs/speech
clear enough

☐☐☐☐☒

Did the
AirController
properly follow
your
instructions?

☐☐☐☐☒

Are there any improvements/suggestions you have for speech recognition?

Gesture Recognition

Tell us about Gesture Recognition (the IMU)

	Absolutely Not	Not really	Meh	Sure kinda	Absolutely
Were the gestures simple enough to do?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Did the gestures make sense to do the corresponding command?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Does the IMU feel safe to use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Did the gestures feel strenuous to do?	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for gesture recognition?

disconnecting issues, but works fine when connected

Pose Detection

Tell us about pose detection

	Absolutely Not	Not really	Meh	Sure kinda	Absolutely
Did the poses feel strenuous in any way?	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Did the poses make sense for the corresponding command?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
How likely would you be to do the poses outside of the command?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for pose detection?

User Manual

Tell us about the user manual

	Absolutely not	Not really	Meh	Sure kinda	Absolutely
Does the user manual make sense?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Is the user manual simple enough to use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Do you believe pictures are required for the user manual?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Any suggestions/improvements for the user manual?

.....

This form was created inside of Google Apps for UCLA.

Google Forms

AirController

Thanks for testing out the AirController. If there are any questions, message us (Team 1) on the discord please

Name

Sylvia Zheng

GUI

Tell us about the GUI

	Absolutely Not	Not really	Meh	Sure, kinda	Absolutely
Was the GUI easy to understand?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Did watching the tutorial videos make it easier to understand?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Did it look aesthetically pleasing?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for the GUI?

UI is pretty clean and buttons are self-explanatory. I think it might be more user-friendly if you could open the pose videos from the pose recognition page

Speech Detection

Tell us about the speech processing

Absolutely Not

Not really

Meh

Sure, kinda

Absolutely

Was the required
inputs/speech
clear enough

☐☐☐☐☒

Did the
AirController
properly follow
your
instructions?

☐☐☐☐☒

Are there any improvements/suggestions you have for speech recognition?

Is there a way for the volume to decrease faster when you give a large number? i.e. "decrease volume by 30"

Gesture Recognition

Tell us about Gesture Recognition (the IMU)

	Absolutely Not	Not really	Meh	Sure kinda	Absolutely
Were the gestures simple enough to do?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Did the gestures make sense to do the corresponding command?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Does the IMU feel safe to use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Did the gestures feel strenuous to do?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for gesture recognition?

put the IMU in a box or find some way to keep it together with the Pi. Add some exception handling for if the IMU disconnects

Pose Detection

Tell us about pose detection

	Absolutely Not	Not really	Meh	Sure kinda	Absolutely
Did the poses feel strenuous in any way?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Did the poses make sense for the corresponding command?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
How likely would you be to do the poses outside of the command?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Are there any improvements/suggestions you have for pose detection?

tad bit awkward that you have to look down when making dab motion for it to register

User Manual

Tell us about the user manual

	Absolutely not	Not really	Meh	Sure kinda	Absolutely
Does the user manual make sense?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Is the user manual simple enough to use?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Do you believe pictures are required for the user manual?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

Any suggestions/improvements for the user manual?

pictures would be nice

This form was created inside of Google Apps for UCLA.

Google Forms