

Bringing Labs
into homes

VIRTUALy!

What is the problem?

What is **my** problem?



State of the art
TV Studio for multi-
camera productions.

Bringing Labs into homes **VIRTUALLY!**



TV Studio

eLearning

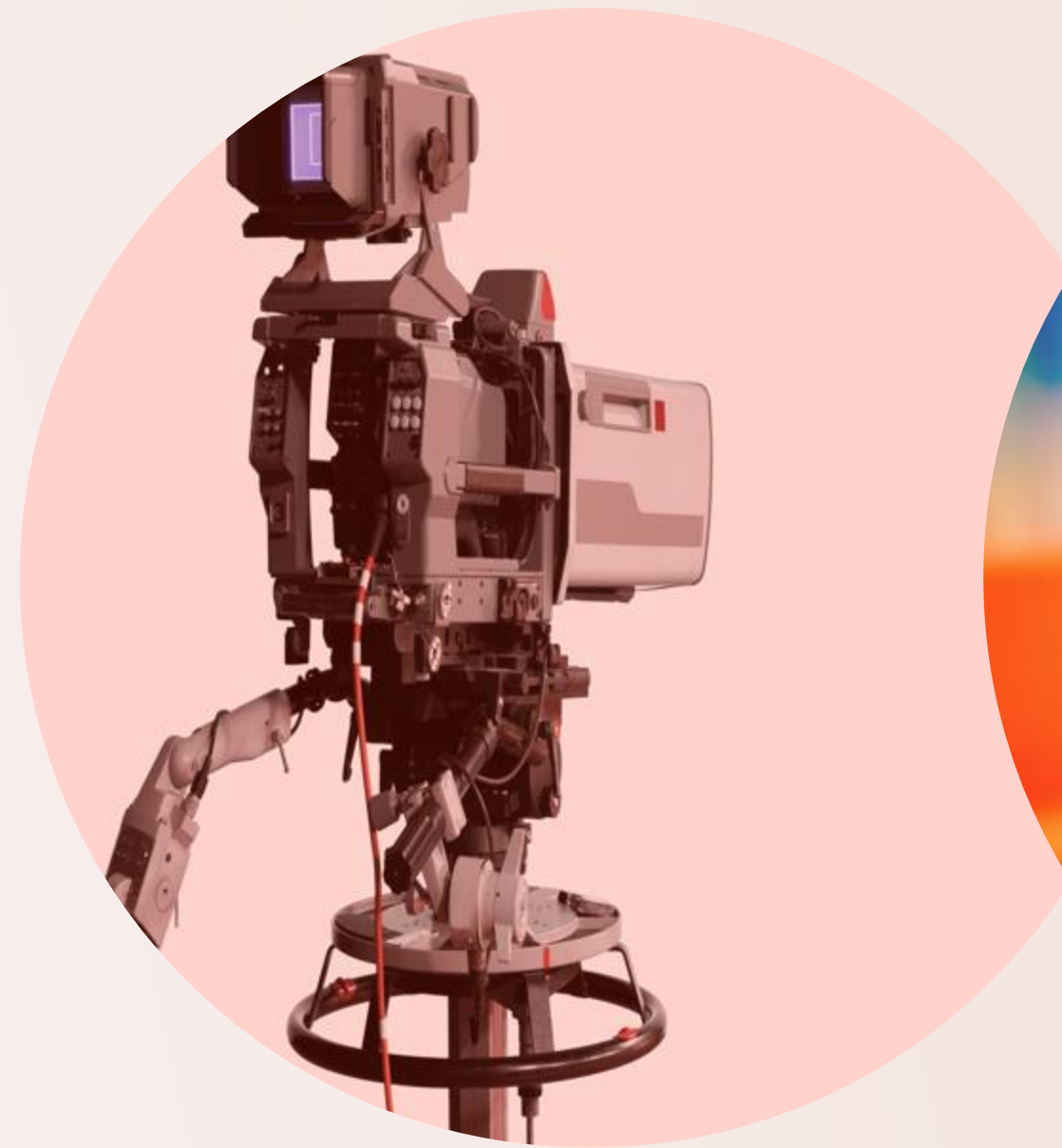


Bringing Labs into homes **VIRTUALLY!**

Veeramani Krishnan
Snr Lecturer
School of Technology for the
Arts
Republic Polytechnic
Singapore



Bringing Labs into homes **VIRTUALLY!**

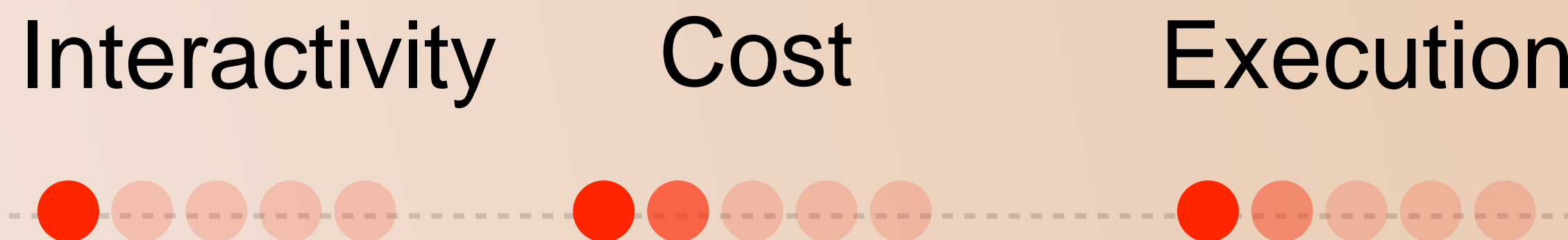


Can one feel the **'magic'**
that happens in a space like
this from home?

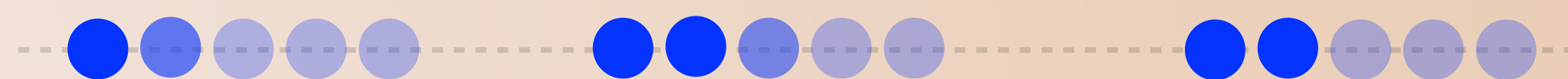
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VIDEOS



360 VIDEOS



3D VIRTUAL



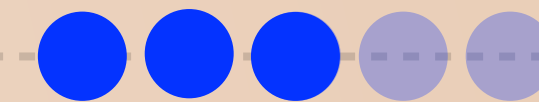


360 VIRTUAL TOUR

Interactivity

Cost

Execution

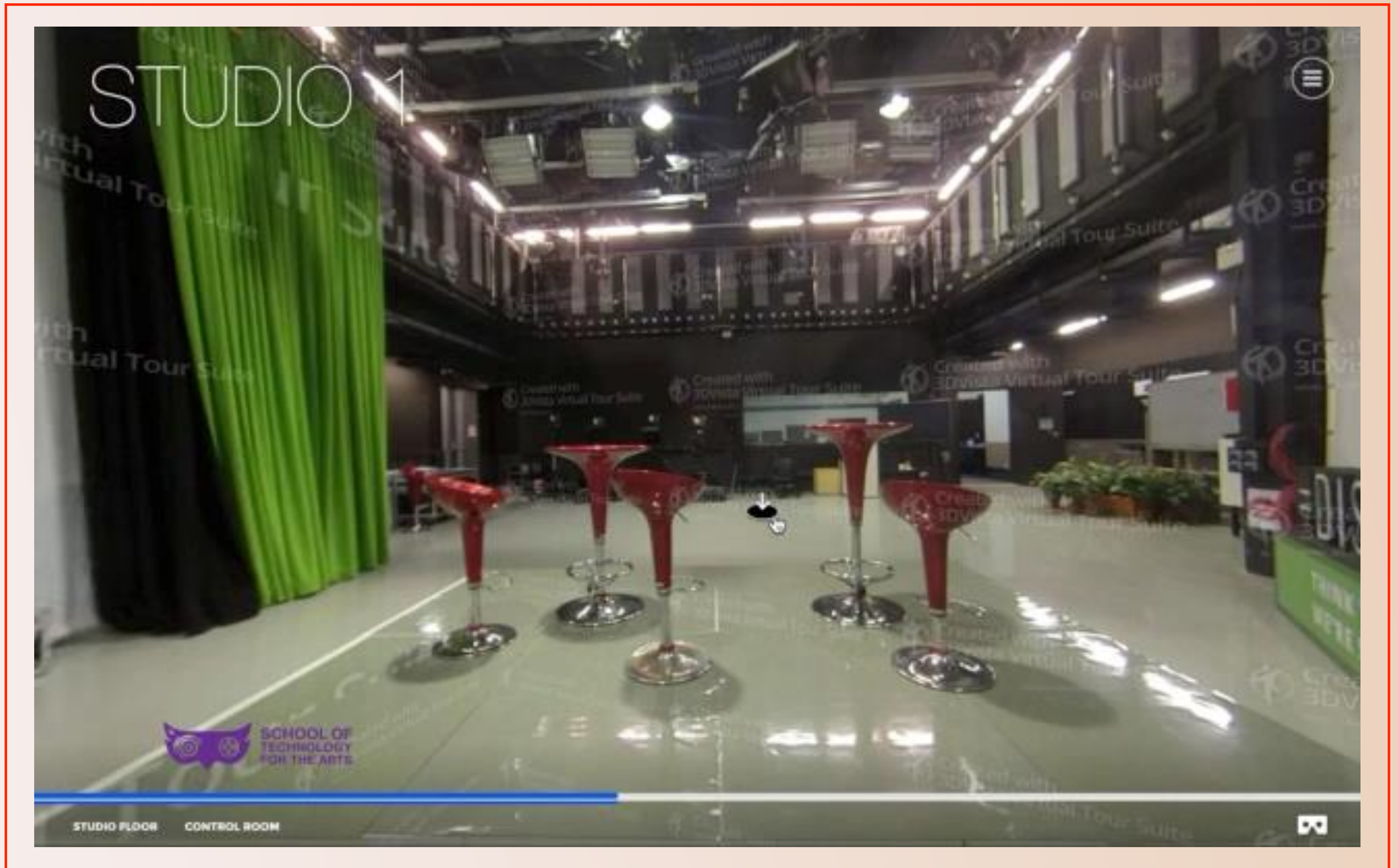




OBJECTIVE

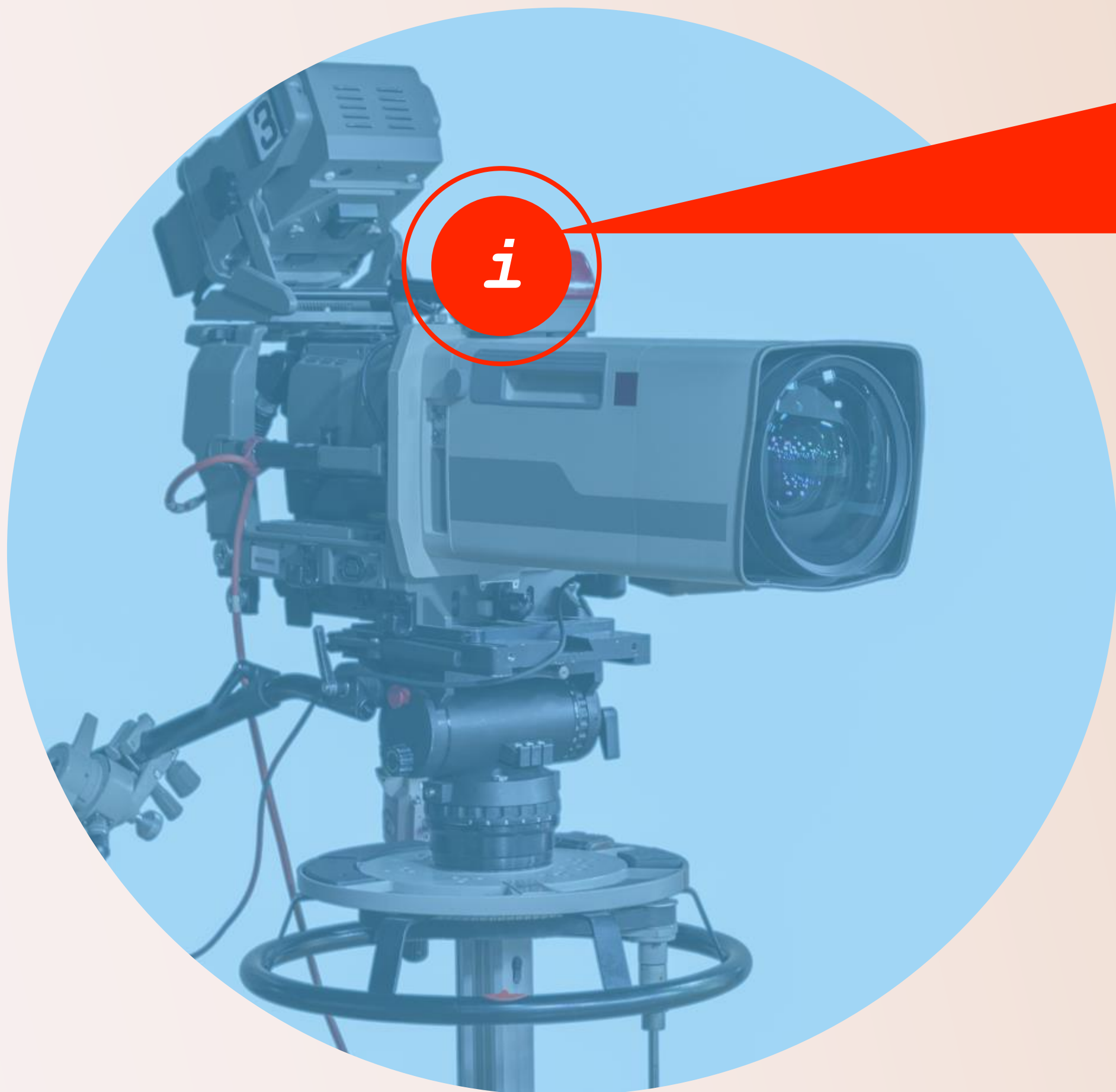
Building virtual tours for students to experience lab spaces remotely.

Bringing Labs into homes **VIRTUALLY!**



Virtual Tour

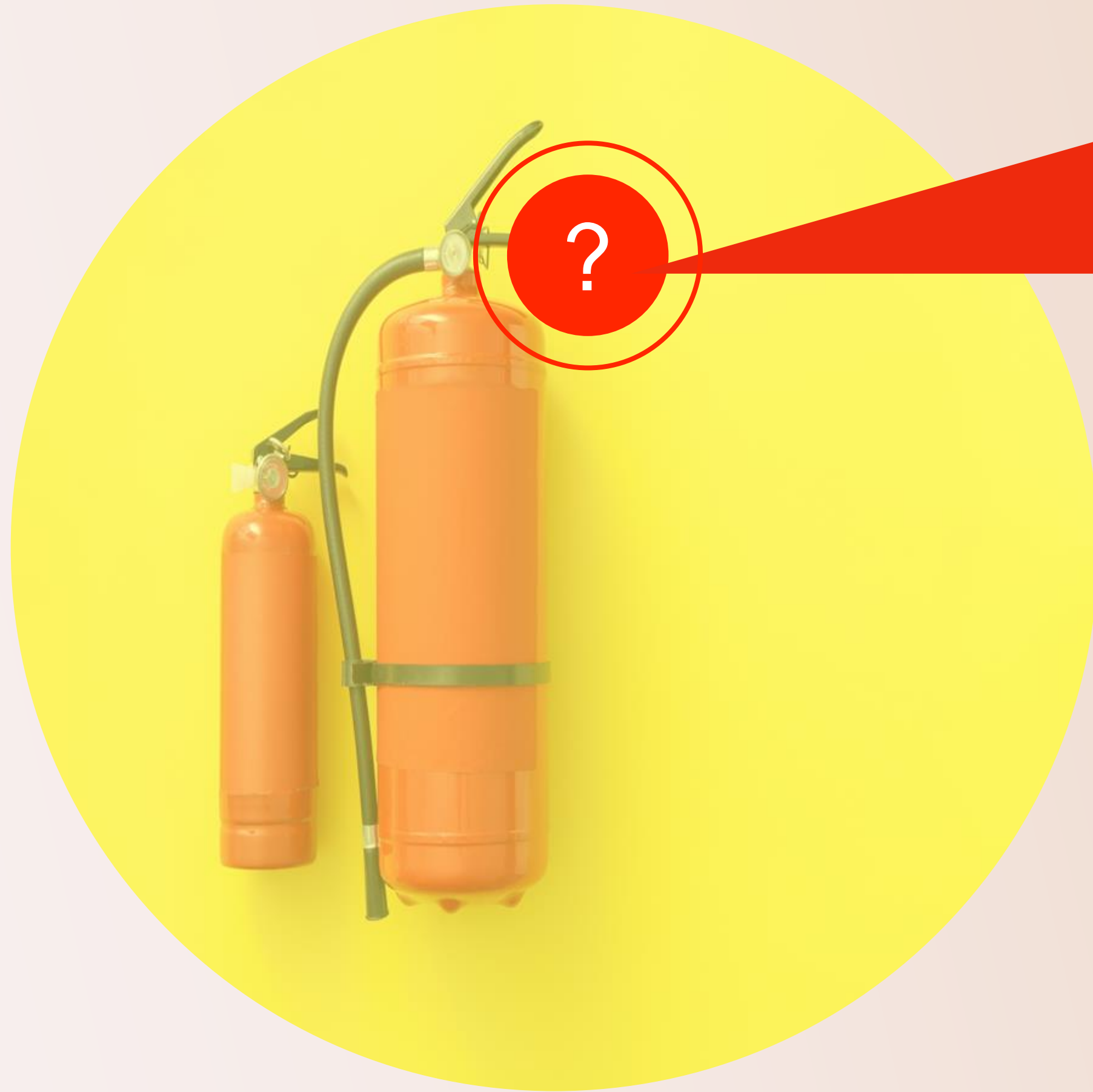
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Studio Camera

Studio camera are high end professional broadcast cameras which come with controls for the zoom and focus functions on the pan bar for the cameraman to instaneously change these parameters. The camera also comes with dedicated monitor for the camera operator to clearly see the shot and a teleprompter for the talents to read the script without the need to memorise it. The camera is also mounted on a pedestal which allows for the smooth movement of the camera on the studio floor and smooth up and down (crane) movments.

Virtual Tour



Fire Extinguisher



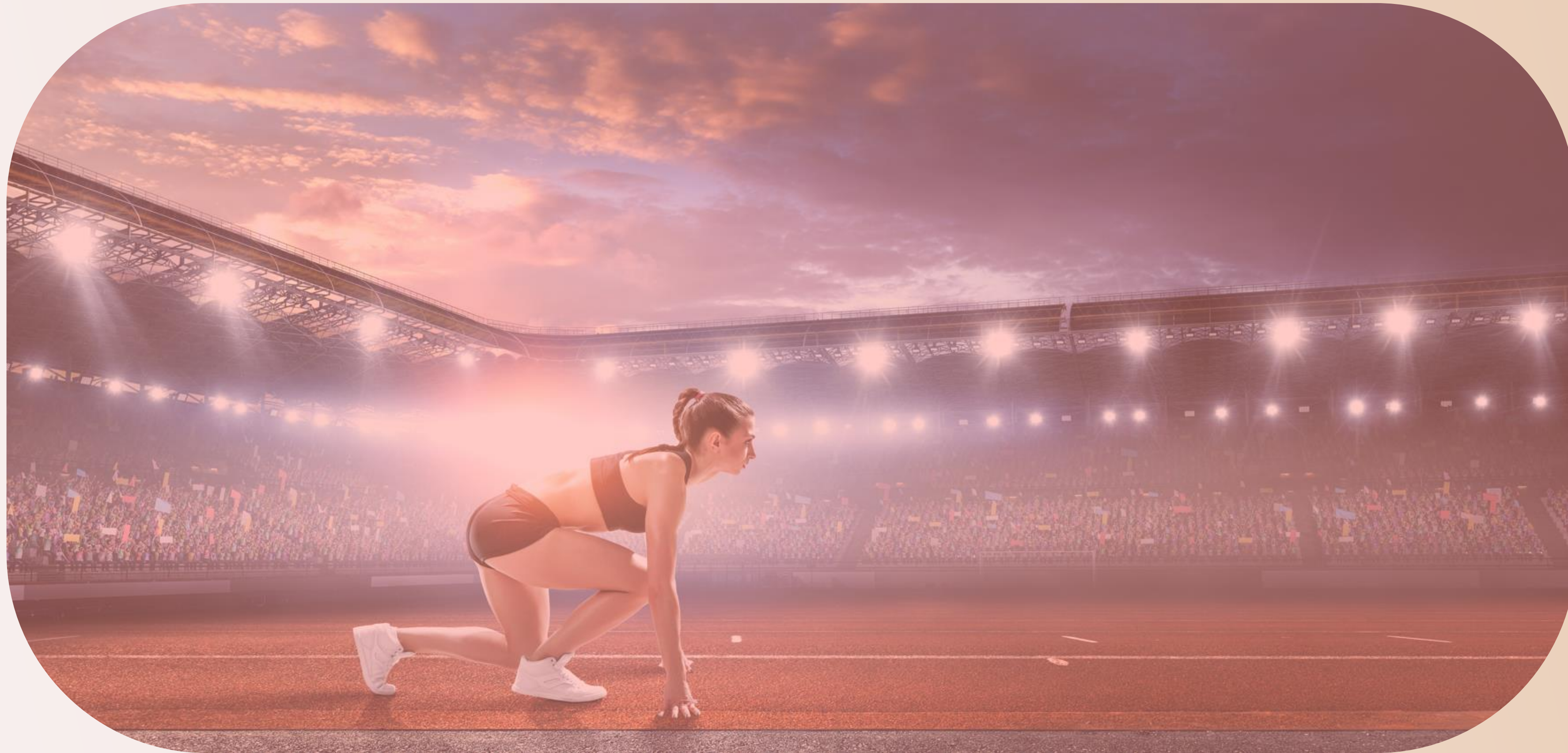
Virtual Tour



How many exits are there in the studio

- a) 1
- b) 2
- c) 3

Virtual Tour

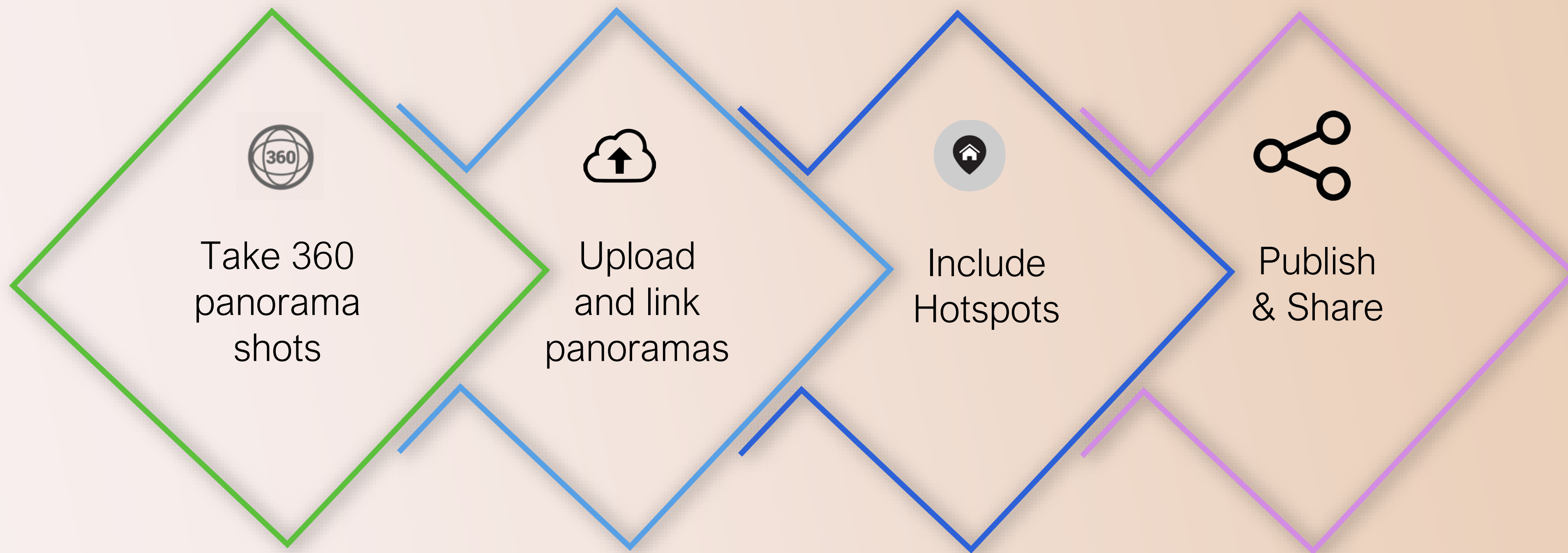


How do I start?

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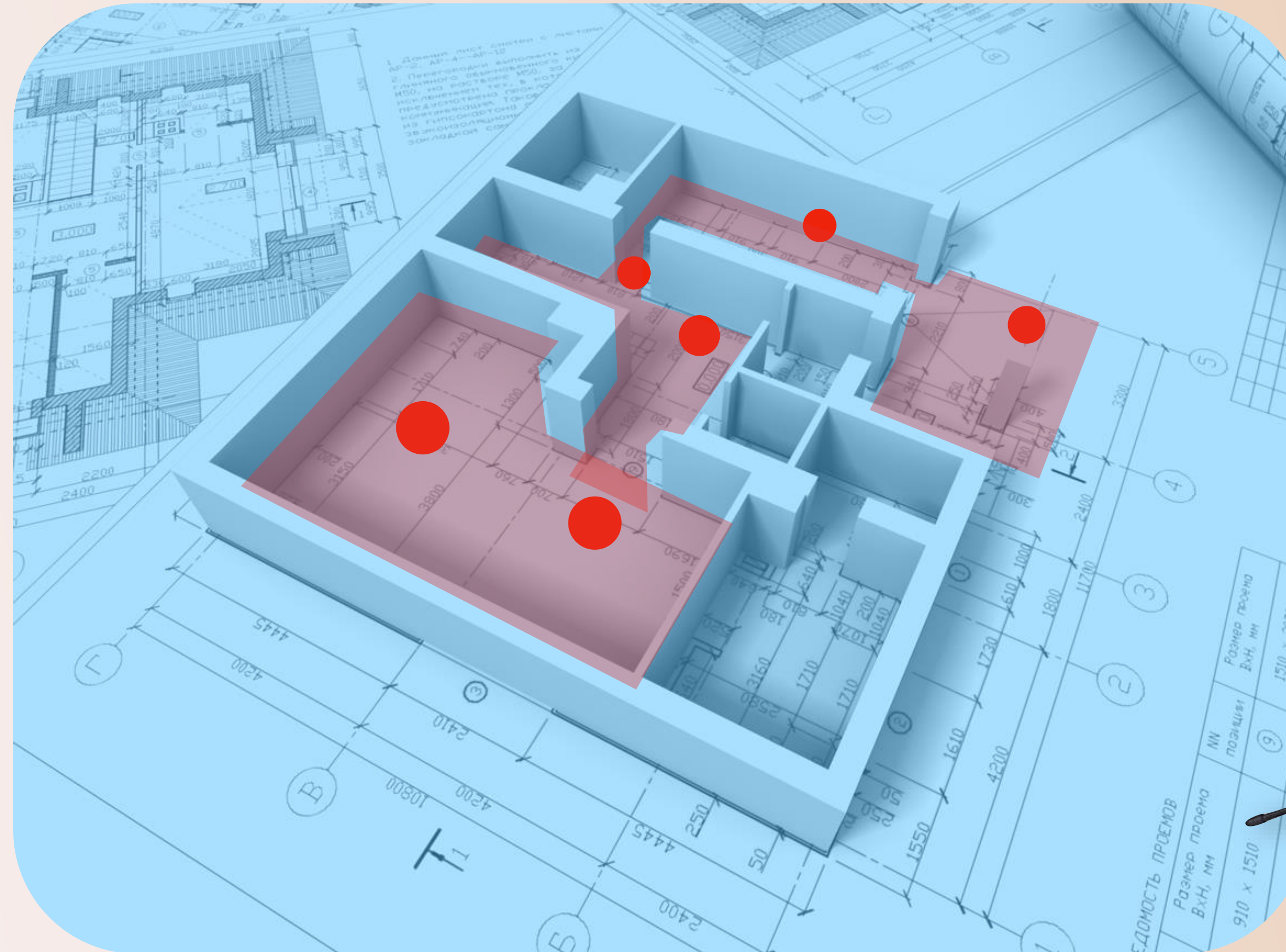
What is the work flow?



What is the work flow?



Take 360
panorama
shots

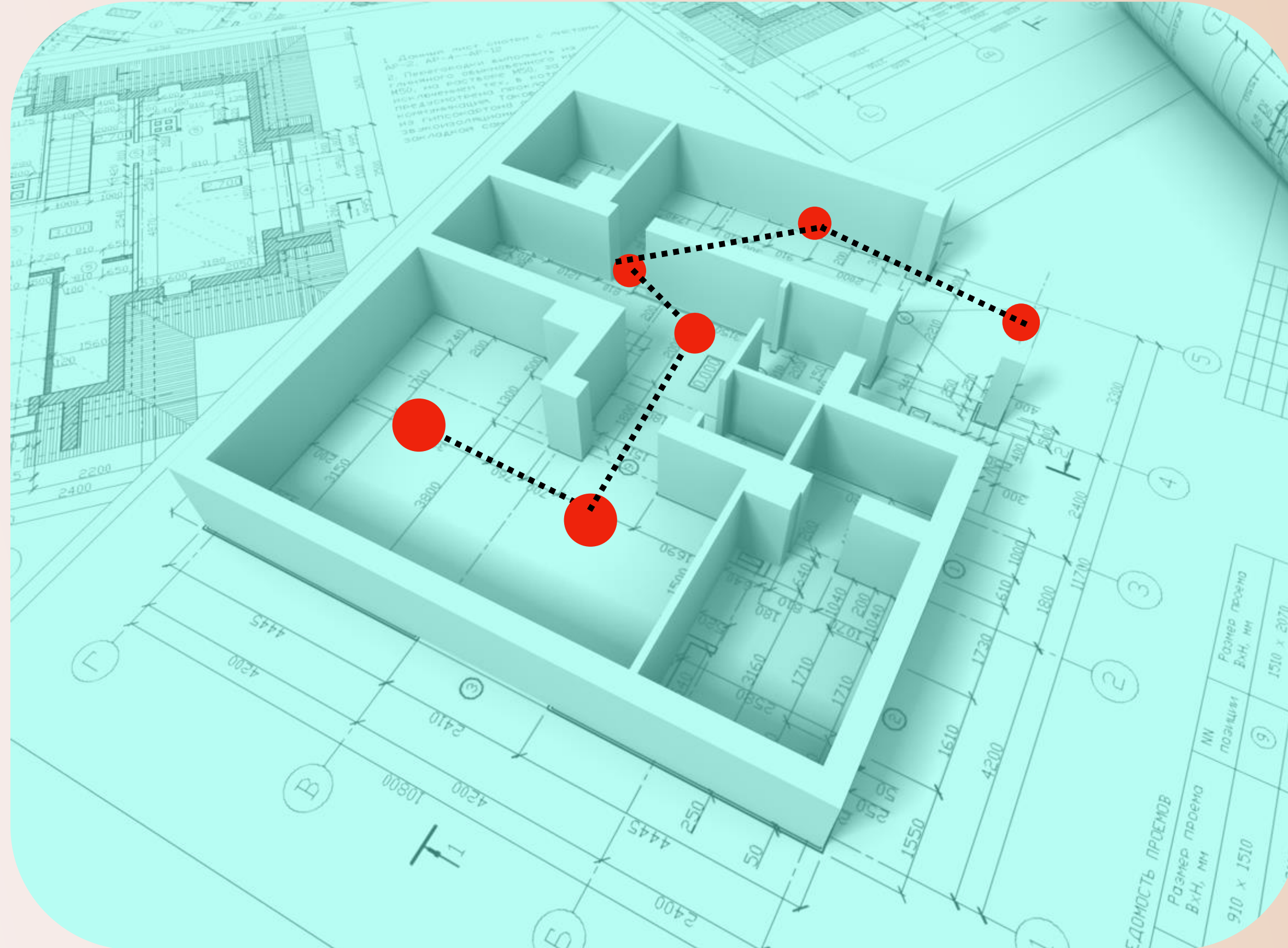


What is the work flow?

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Upload
and link
panoramas

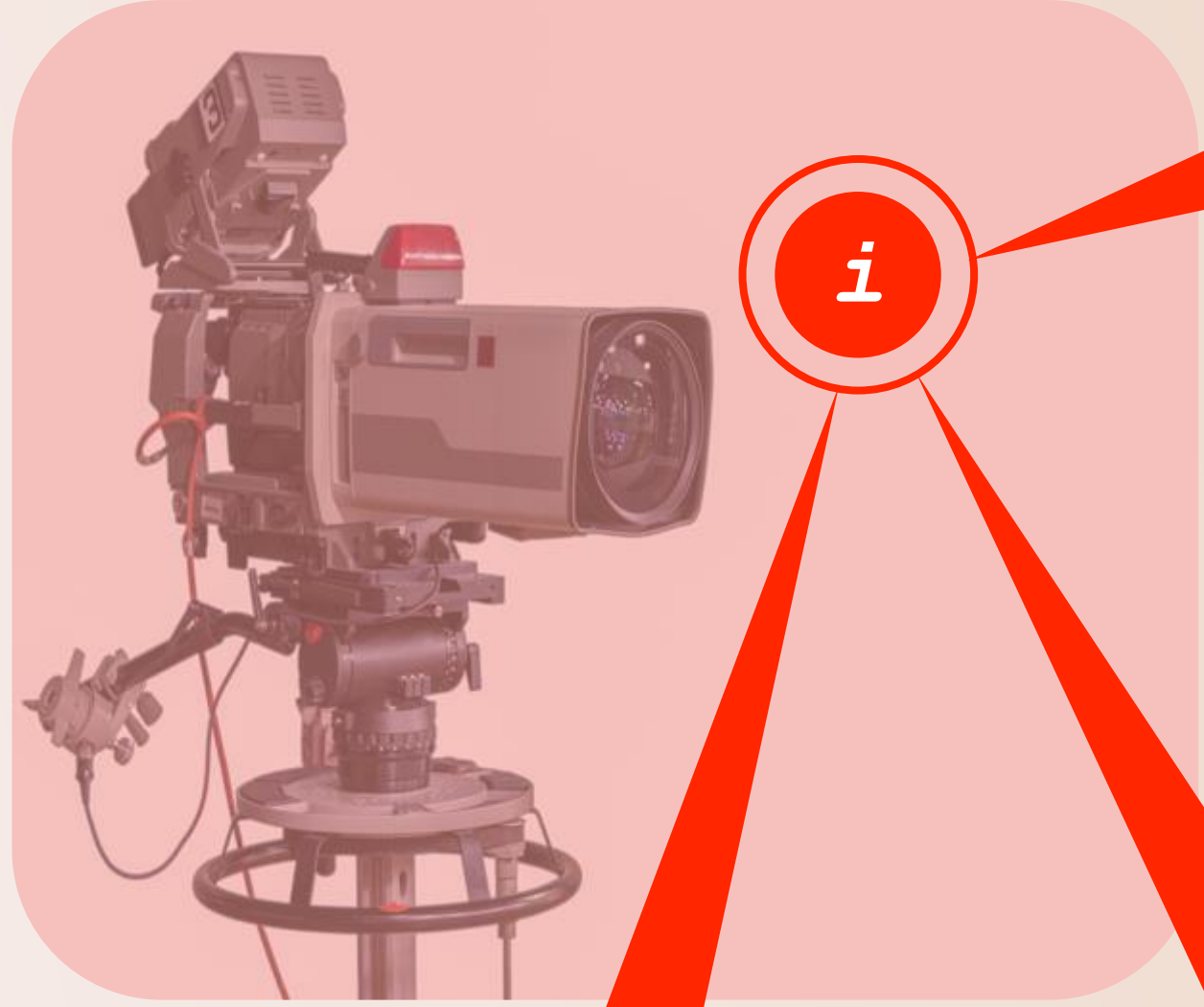


What is the work flow?

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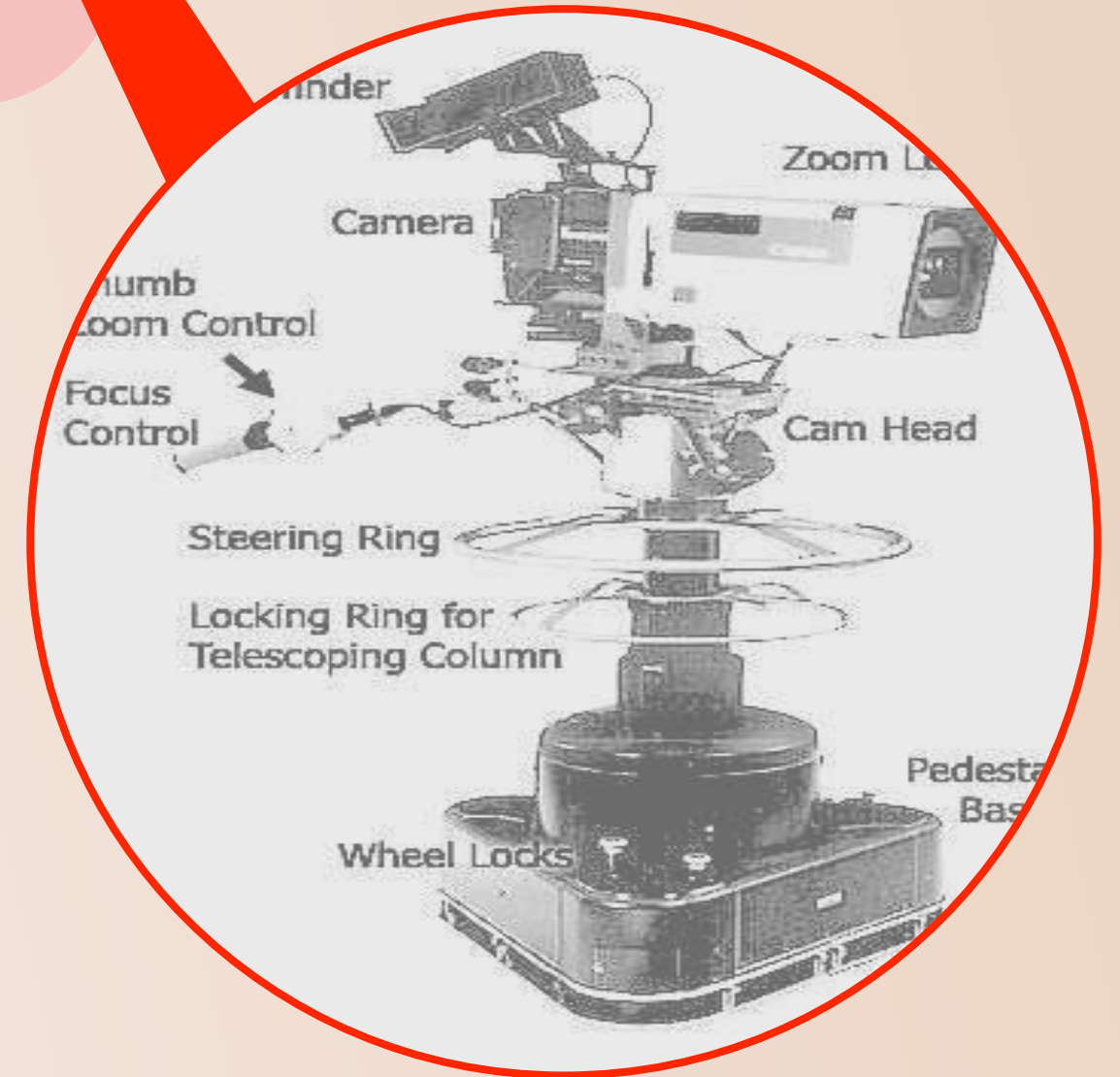
Include Hotspots



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YouTube



What is the work flow?

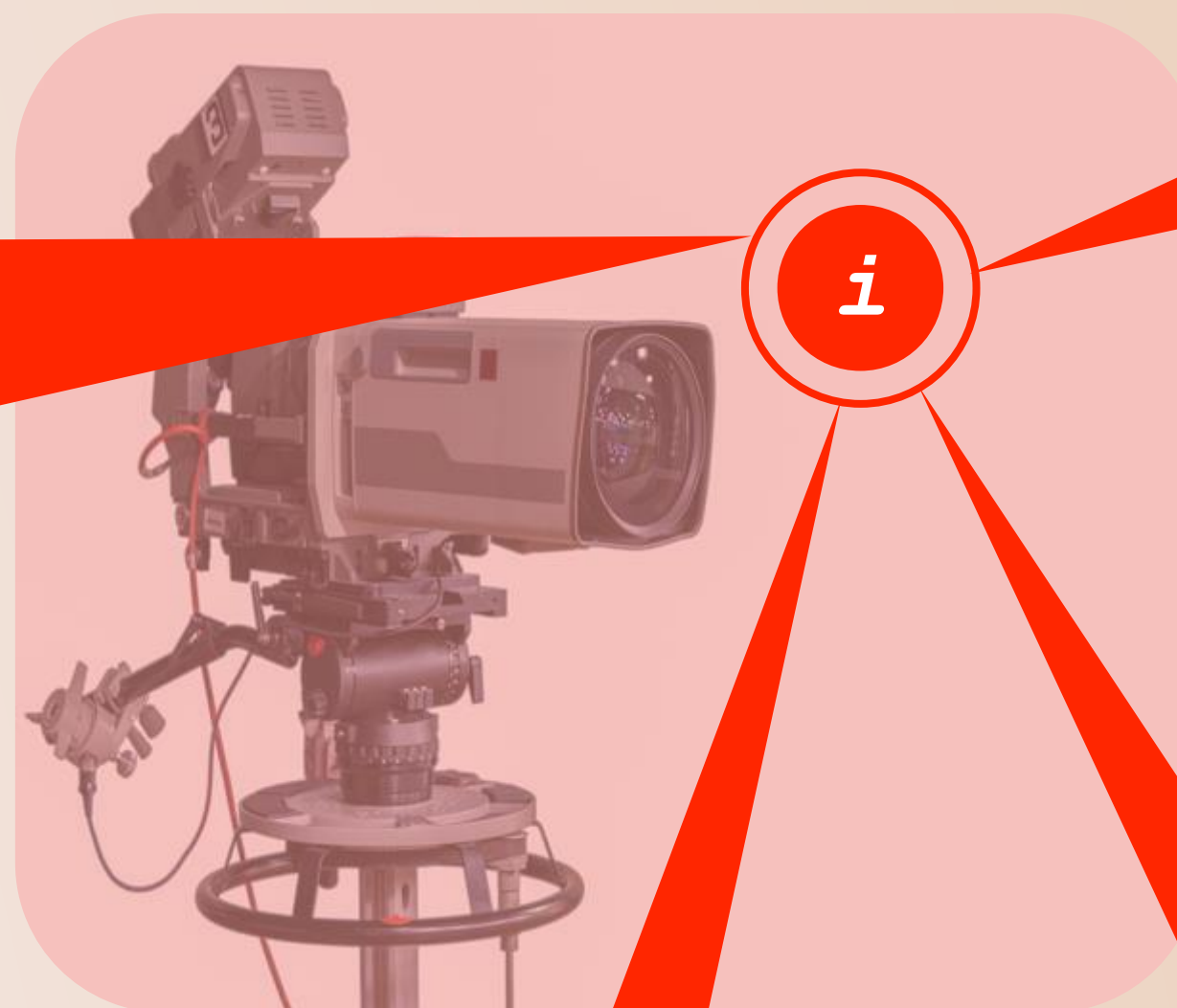


Include Hotspots



How many wheels does the camera have?

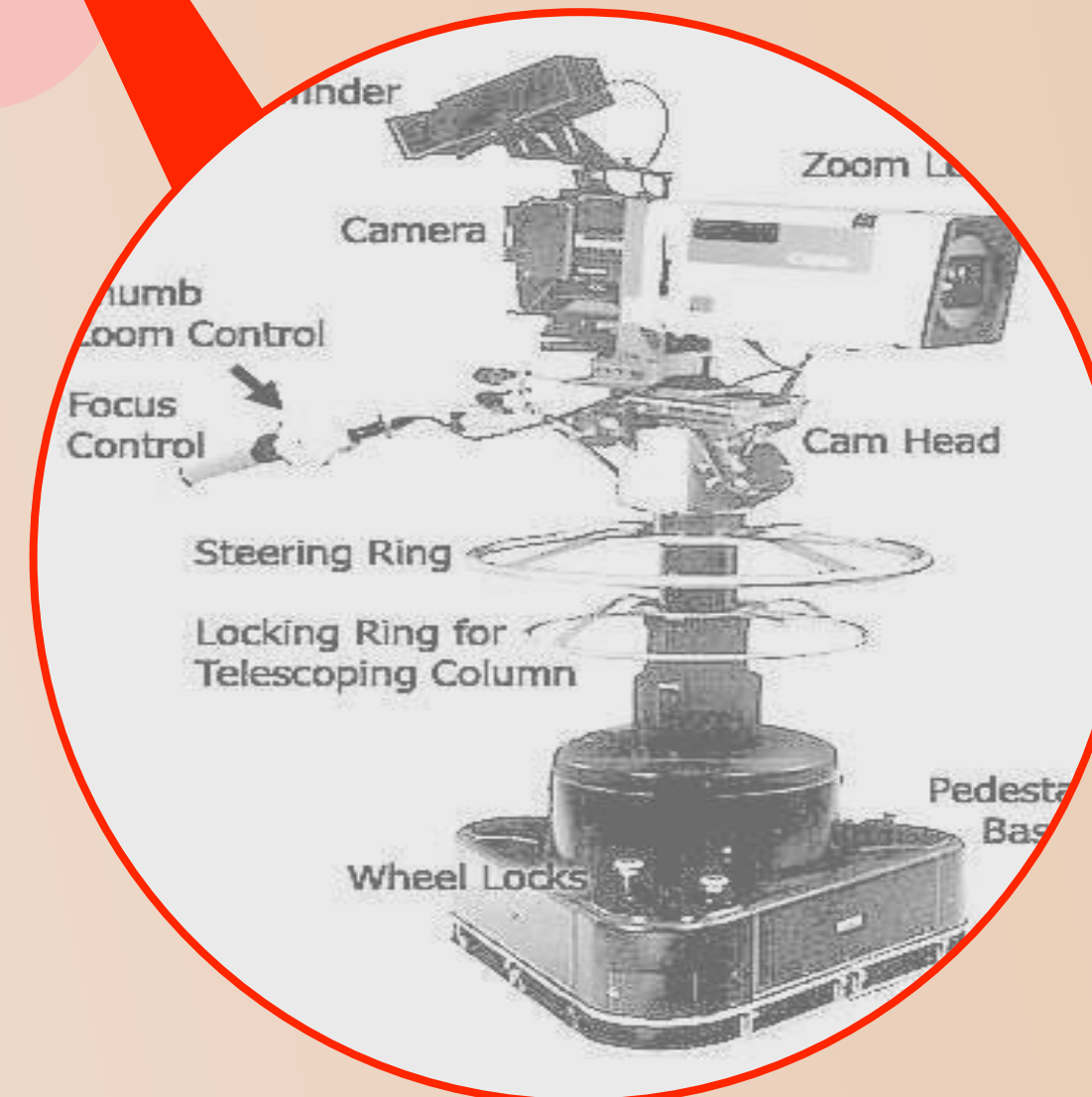
- a) 1
- b) 2
- c) 3



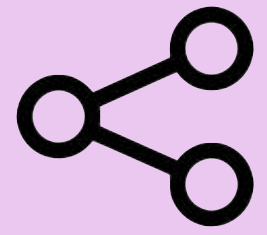
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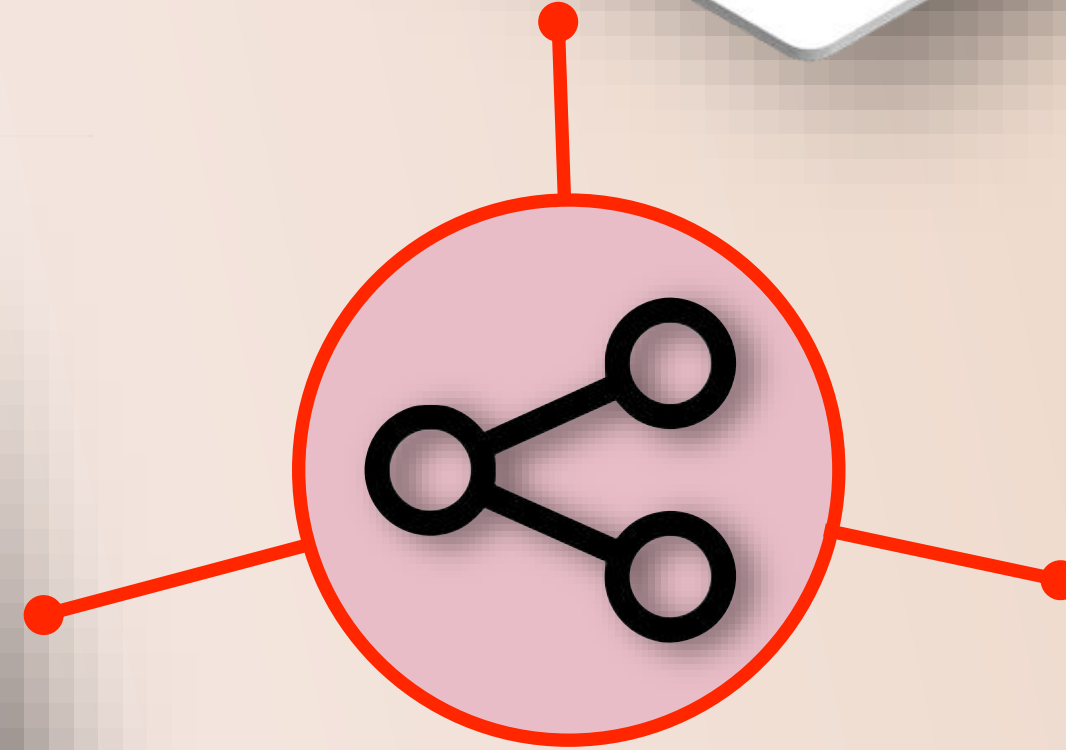
YouTube



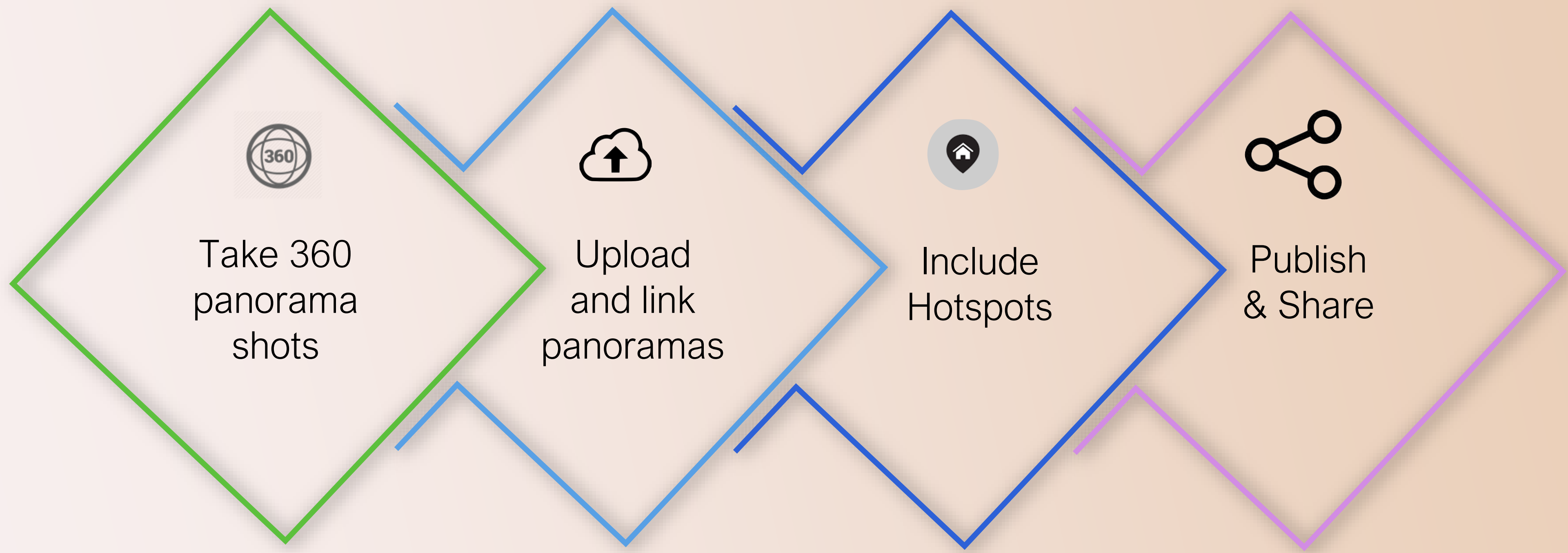
What is the work flow?



Publish
& Share

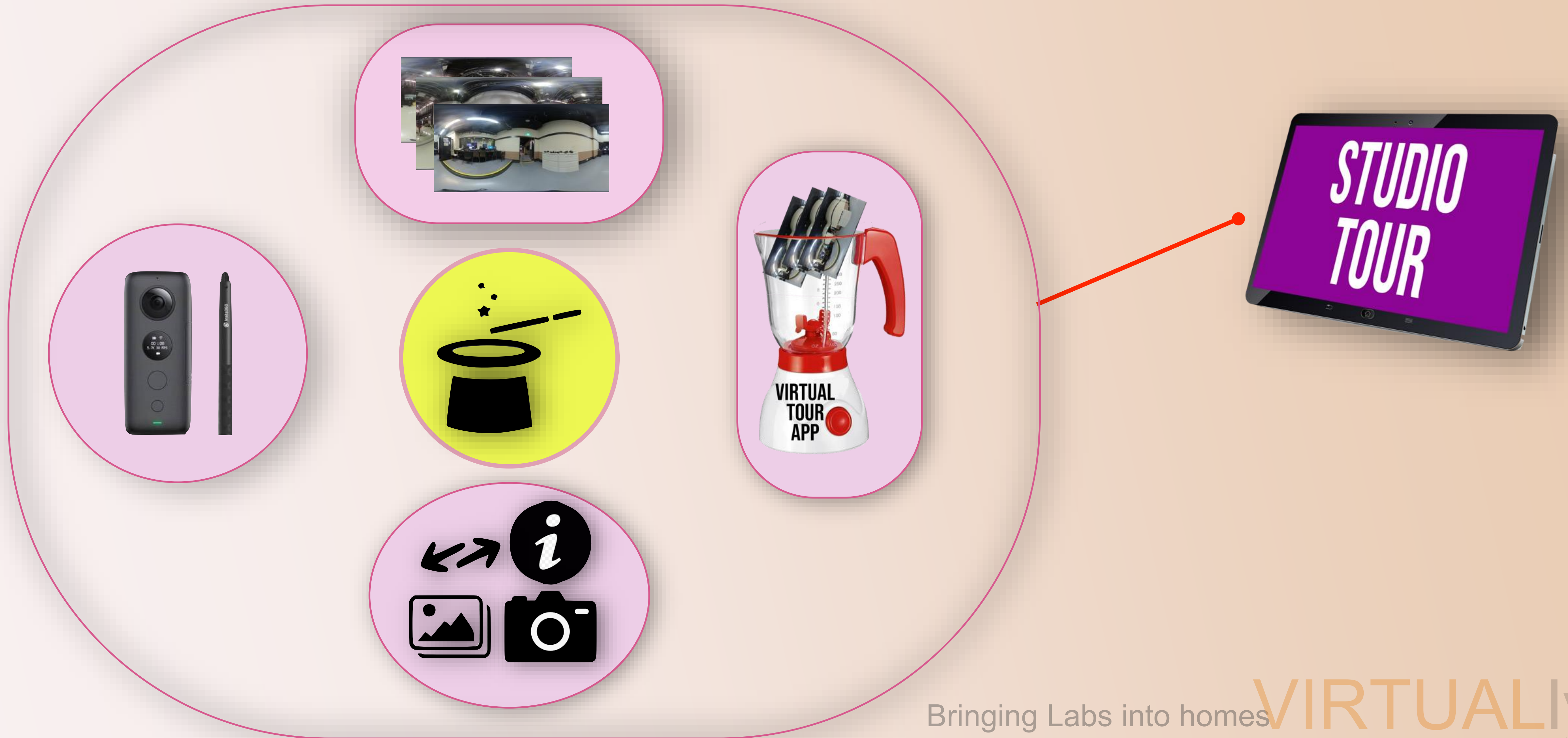


What is the work flow?



**So can anyone do
this?**

How did I do it?



From our learning

- Immersive Experiences: Introduction to AR, VR and 360 Media Creation
- 360 video creation for immersive experiences

Don't wait too long to bring your lab into the home of students!

My email -

veeramani_k2@rp.edu.sg

The tour I created -

<http://www.reboot.sg/stastudio1>

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