

CS 59867 - Senior Design II
City College Fall 2022

Week 8:
SPOOKY ACTION @ A DISTANCE
(ngrok)

image from [DALL-E](#)

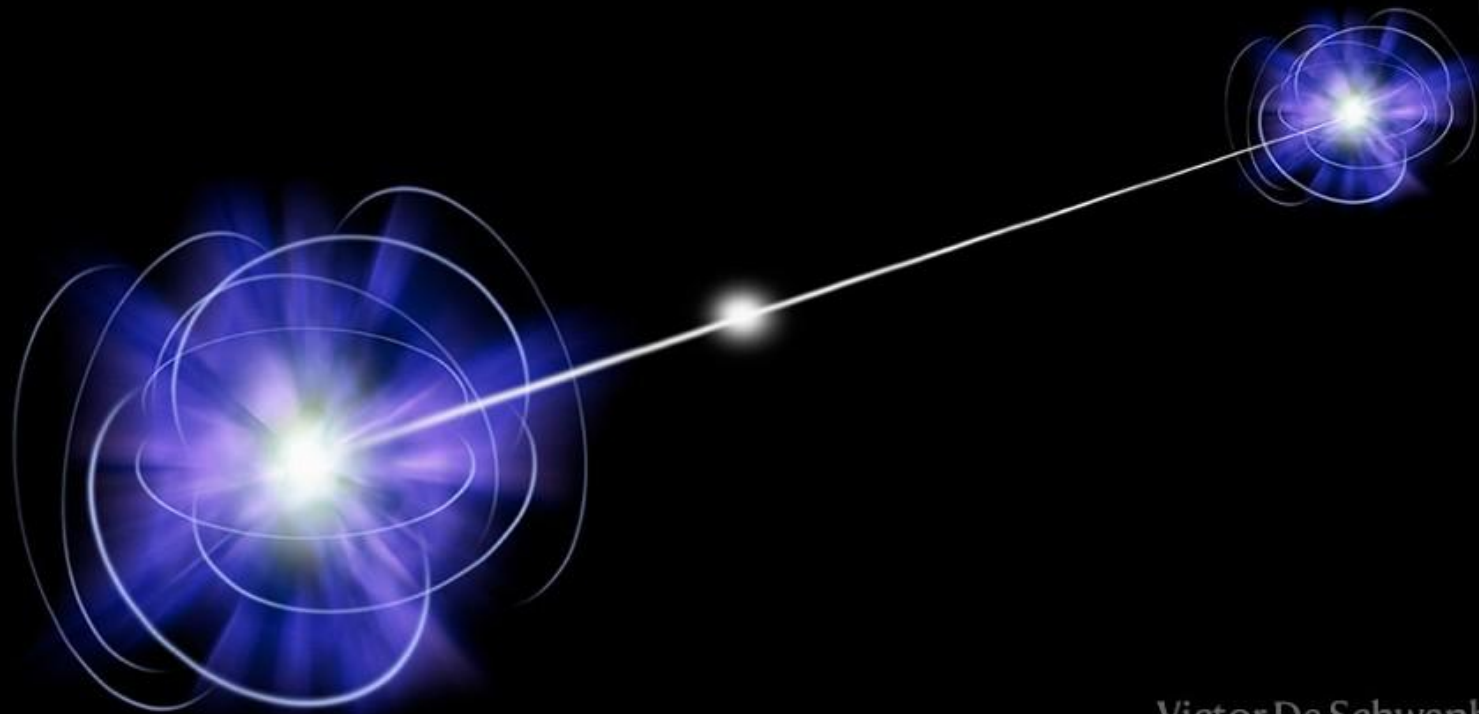
"teddy bear 90s style wearing a halloween pumpkin steampunk photo "



PLAN FOR TODAY:

- lecture/workshop: hack w/ngrok
- Open studio time
- PROTOTYPE PLAN #2: due ...

Spooky action @ a distance ...

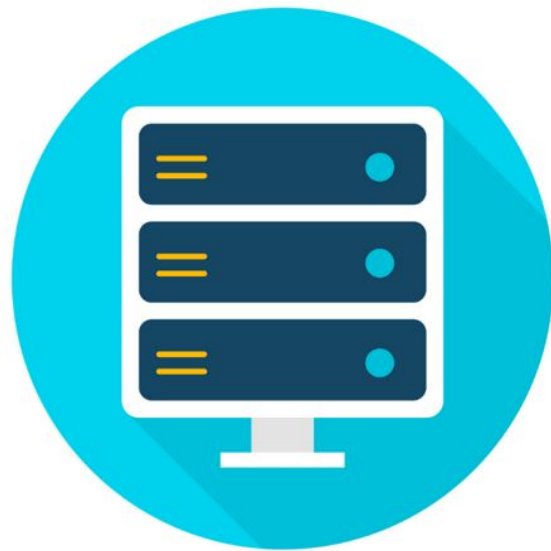
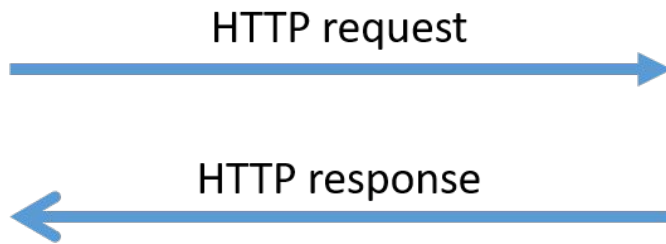


nature

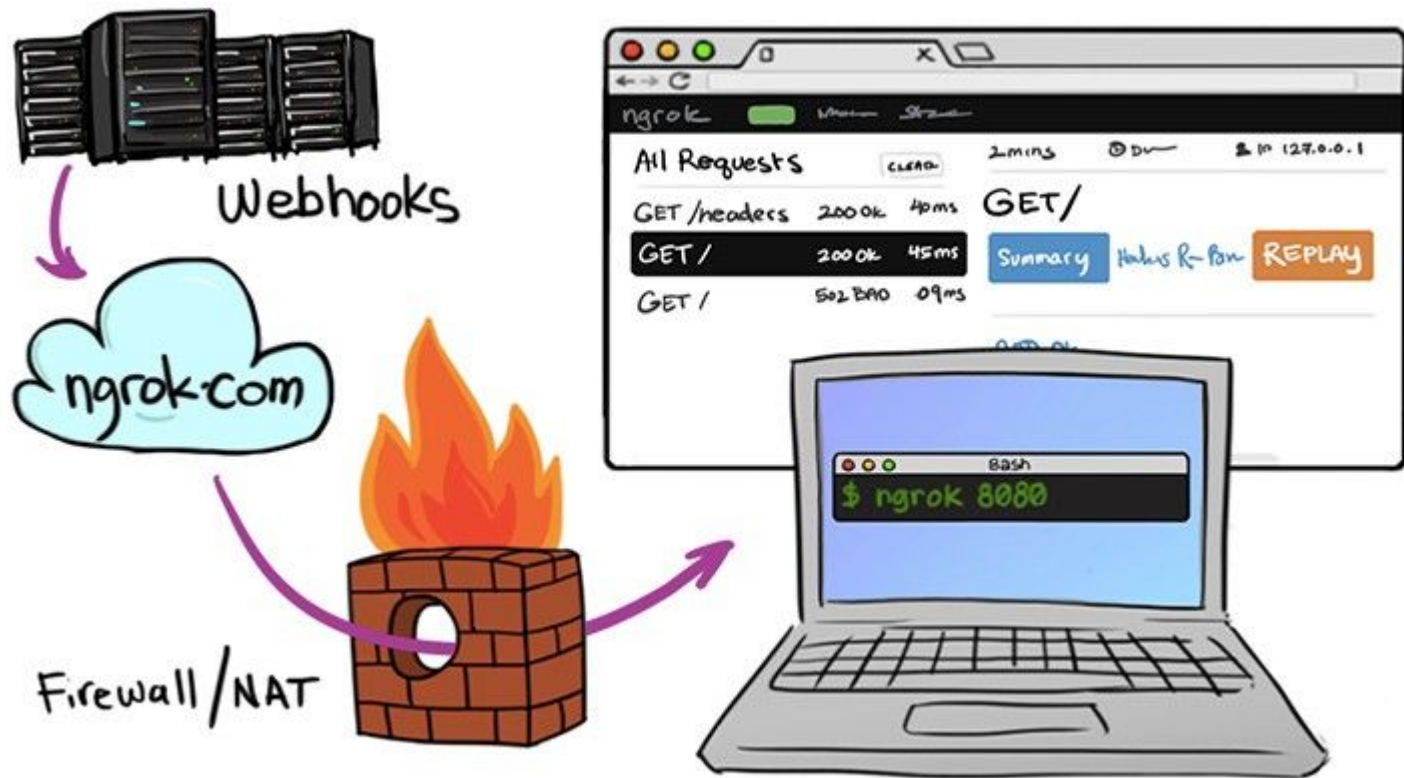
Victor De Schwanberg/SPL

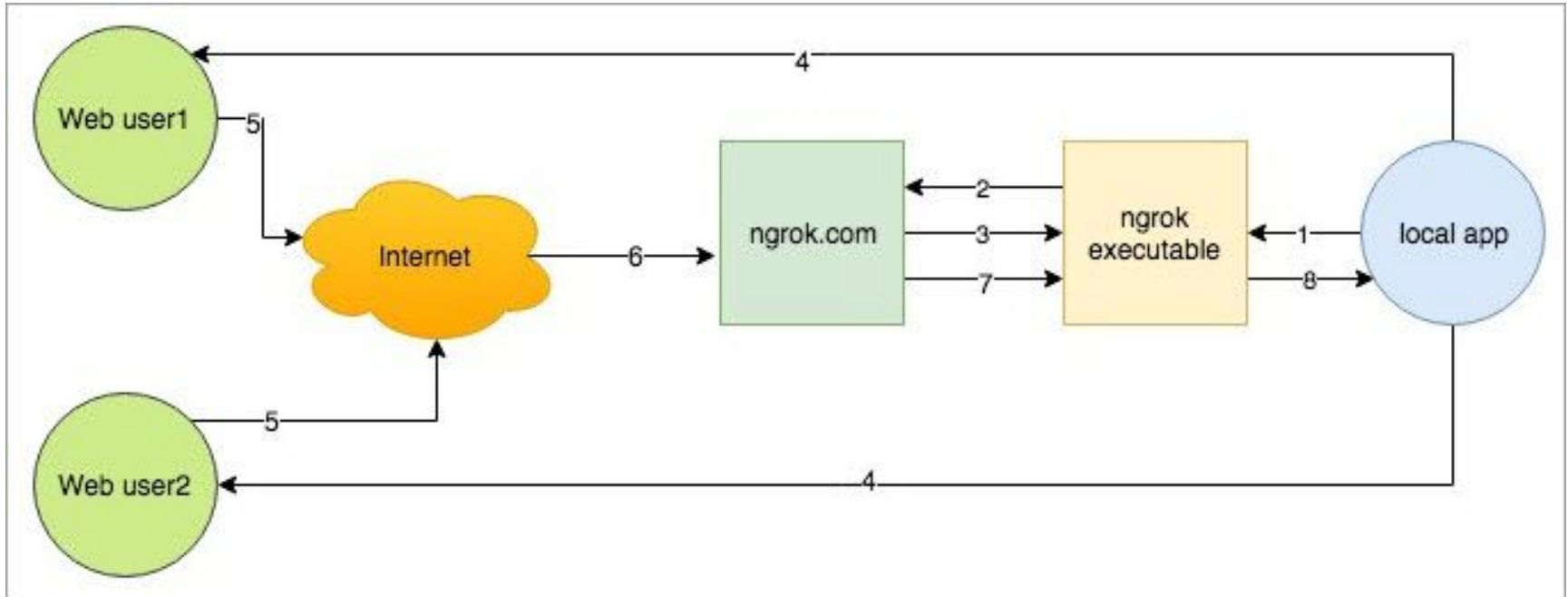


Client



Server

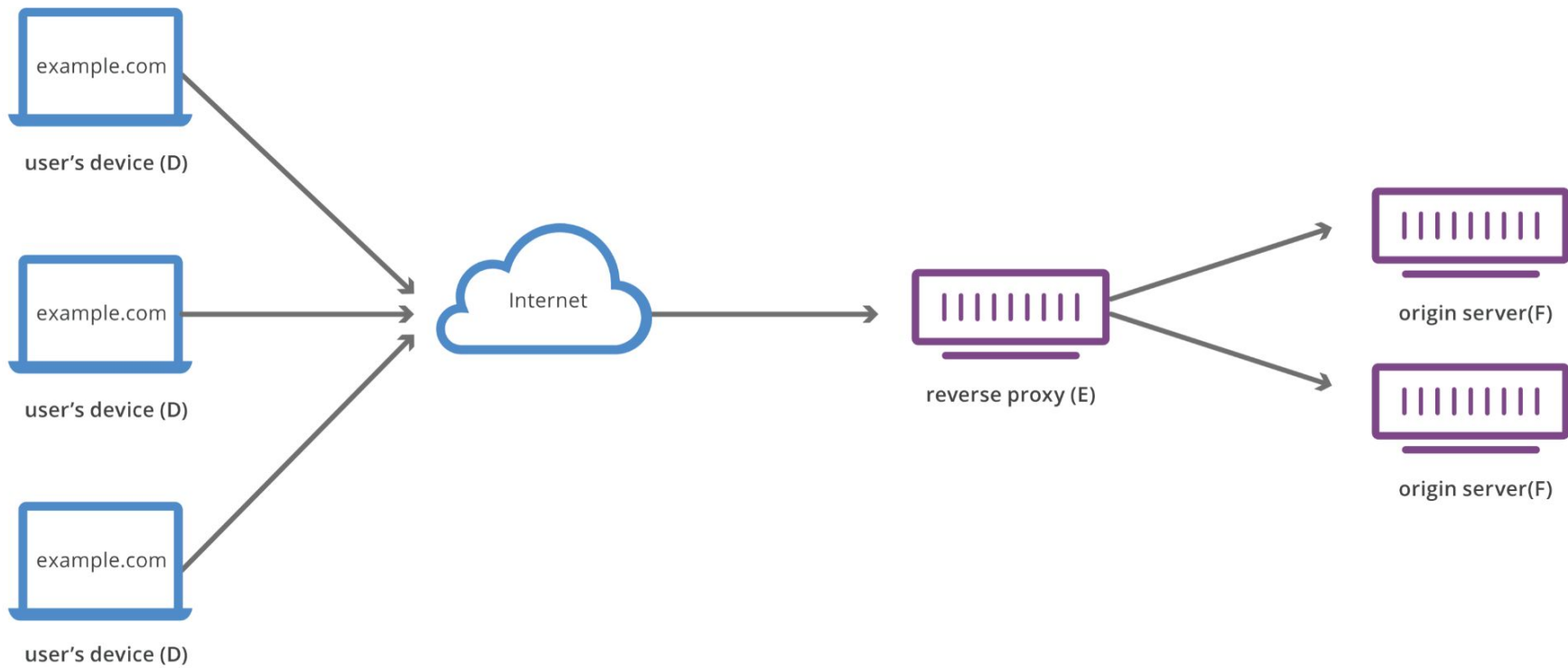




<https://www.softwaretestinghelp.com/ngrok-introduction/>

“...basically a super slick, encrypted TCP tunnel that provides an internet-accessible address that anyone can get to, and then links the other side of that tunnel to functionality running local...”

- Miessler, <https://danielmiessler.com/study/ngrok/>



- build simple Flask app, run on localhost
- sign up for & install ngrok
- build tunnel from localhost to Internet!

LINKS:

- Flask install documentation:
<https://flask.palletsprojects.com/en/2.2.x/installation/>
- Ngrok download/install: <https://ngrok.com/download>,
<https://ngrok.com/docs/getting-started>
- Node app for testing:
<https://glitch.com/edit/#!/small-zigzag-advantage?path=server.js%3A53%3A51>
- Flask/ngrok: <https://pypi.org/project/flask-ngrok-st/>

IDEAS:

- Google Colab ... !!
- Any local web app, you can share with collaborators **for 2 hours**