



Improving the NYC commute.



Paul Adedeji
pauladedeji@



Timothy Chen
timothychen@



Gracie Young
youngg@



Wassim Gharbi
gharbiw@

1697



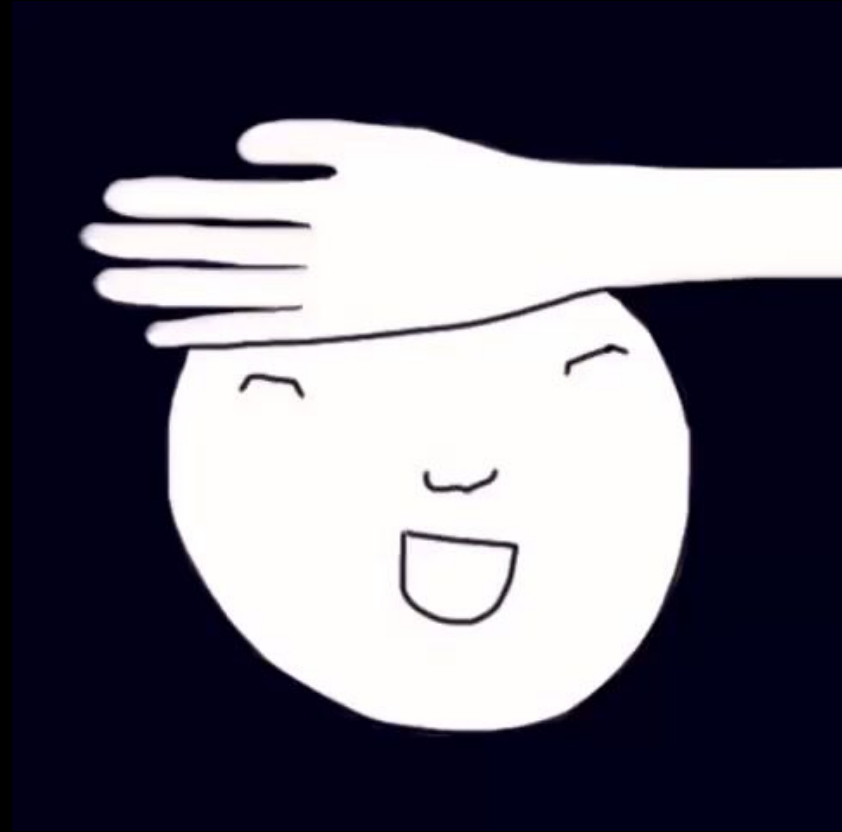
CROWDED TRAINS



EMPTYish TRAINS



how might we
help New Yorkers
experience a
less crowded
& **more efficient**
commute?





only **a few seconds** before the train leaves



long wait time on the platform



provide commuters
real-time ambient feedback
about the capacity of the
cars on their upcoming train

Late nights & local
to Far Rockaway
stops here

Times
Sq-42
St

Metronome

Times Sq-42 St



Downtown & Brooklyn
Arriving. Seating space available

3
minutes



Your location



Times Square, Manhattan, NY...



13 min



24 min



39 min



12 min

Leave now



Recommended route



24 min

Every 20 min from 14 Street / 6 Av

Standing space only



More by subway



22 min

Every 20 min from 14 St

23 seats free



18 min

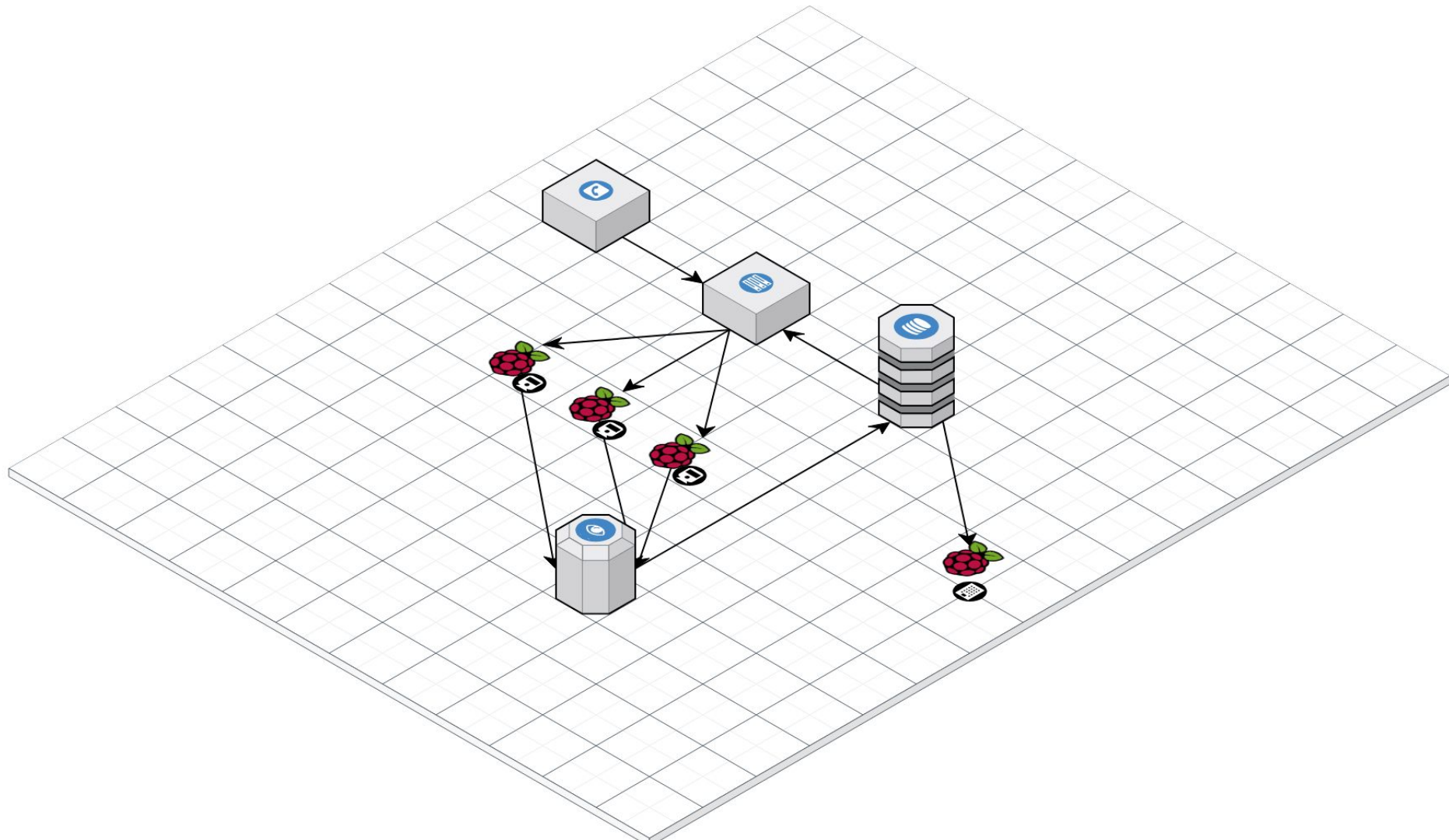
Times Sq-42 St



Downtown & Brooklyn
Arriving. Seating space available

3
minutes





NEXT STEPS

- 1 Build large-scale platform LED strips
- 2 Detect if there is seating space
- 3 Provide data history & viz to the MTA
- 4 Integrate with Google Maps & MyMTA