U-brella

...we’ve got you covered.
the problem

you never have an umbrella when you need one
a system of umbrella stations
existing products

vending machines + hubway
anticipated features

- accepts only our umbrellas (RFID)
- handles damaged umbrellas
- quickly dries umbrellas for packed storage
drying tests

- 2 types of umbrellas
- fan
- air compressor
- air tunnels
- vertical
- horizontal
conclusion

- restrained umbrellas do not dry well
- plastic umbrellas dry faster
- fast drying is feasible

next steps explore more drying options
RFID umbrella tagging
storing damaged umbrellas
market

$3.5 million annual market in the US

1.3 billion public transit rides in Boston per weekday