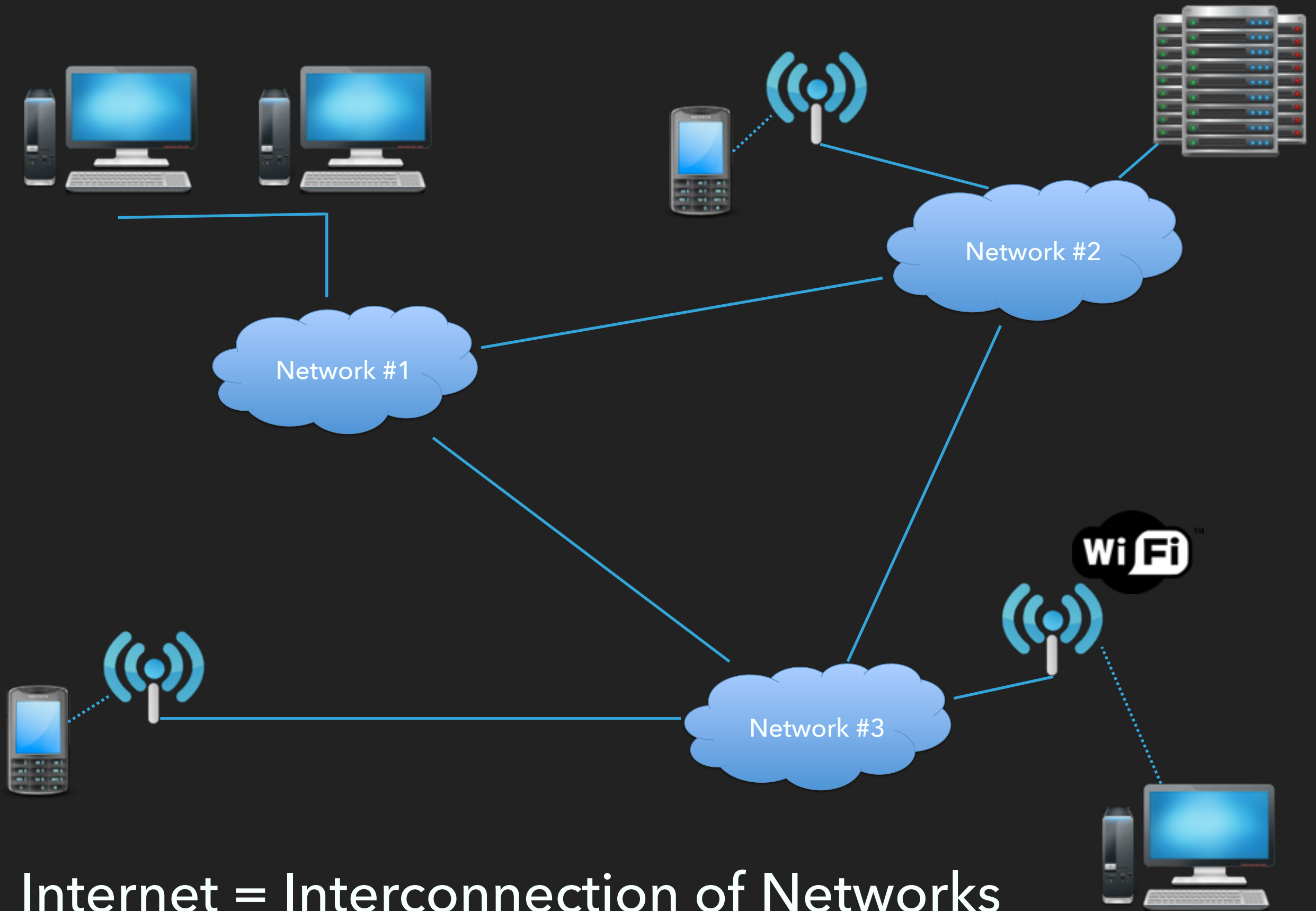
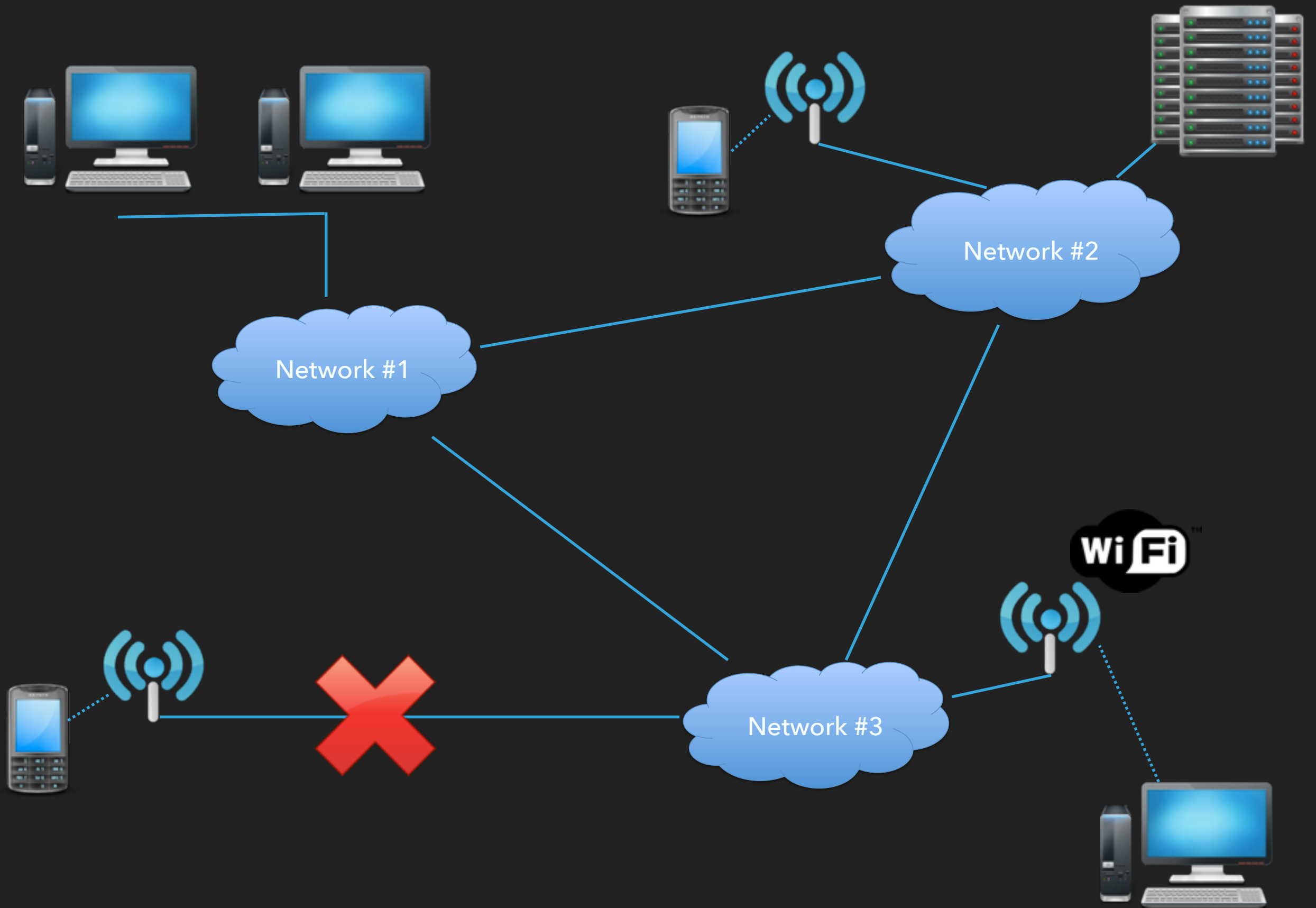


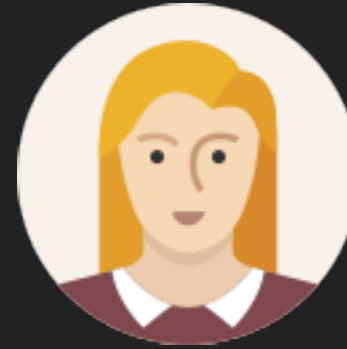
25 AOÛT 2016 : RENTRÉE 1A ISAE-SUPAERO

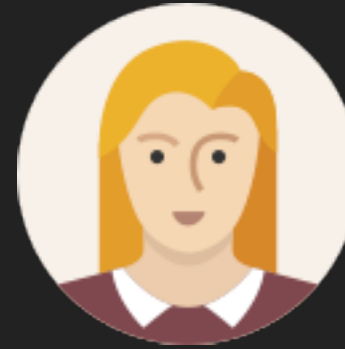
THE HINT EMULATOR

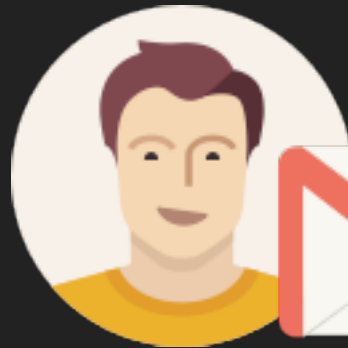
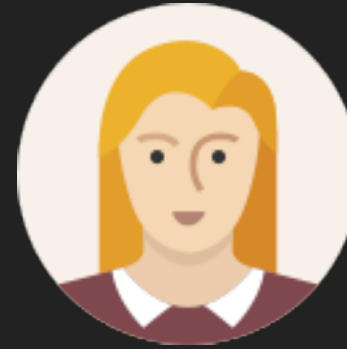


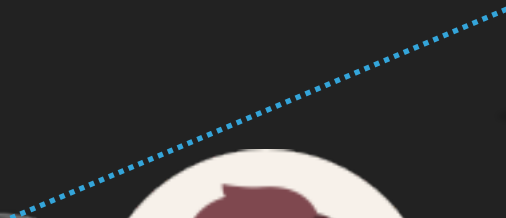
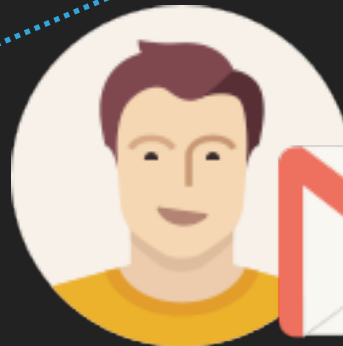


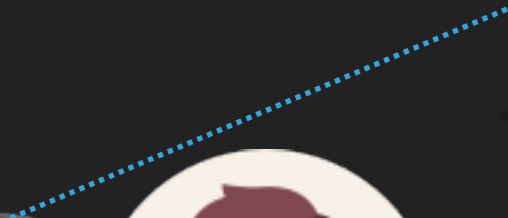
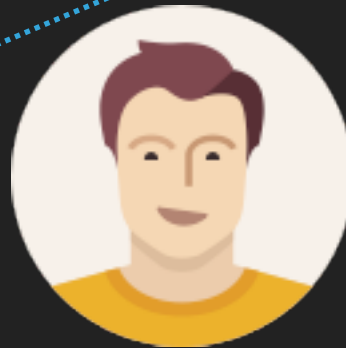
Opportunistic networks

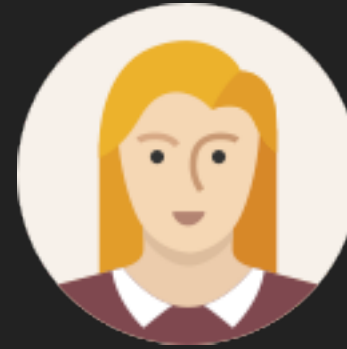


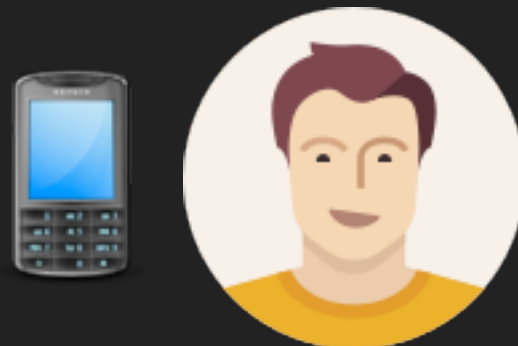
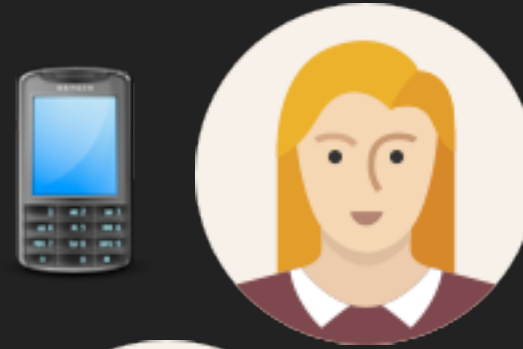


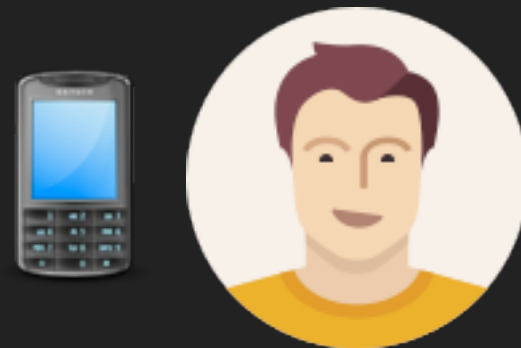
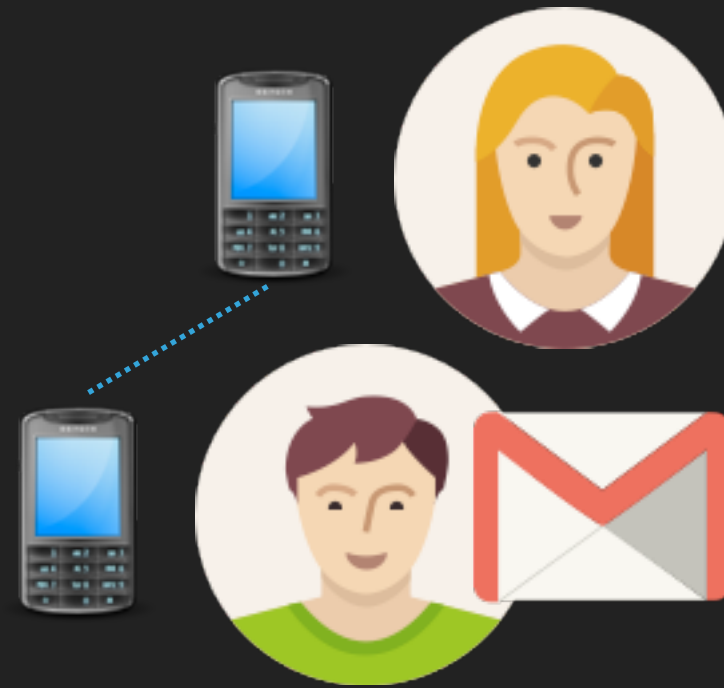


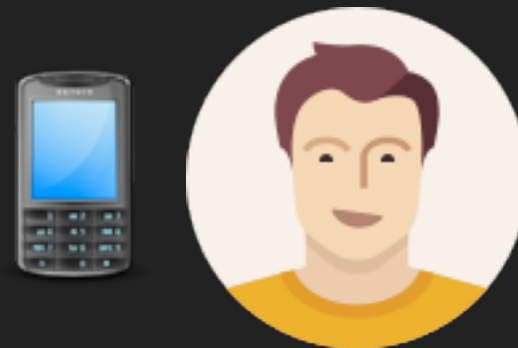


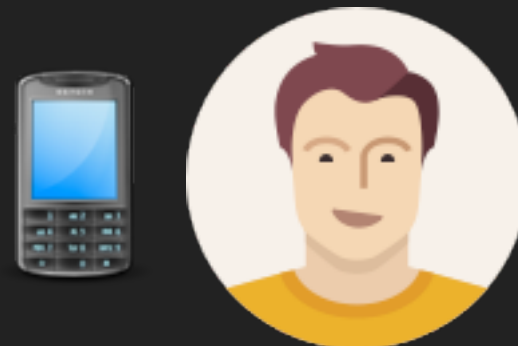
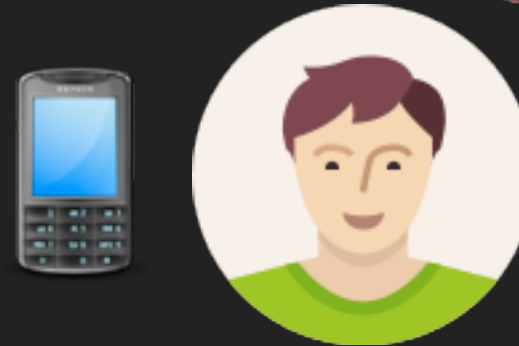












OPPORTUNISTIC NETWORKS

OPPORTUNISTIC NETWORKS

Current technologies:



OPPORTUNISTIC NETWORKS

Current technologies:



These networks are also denoted as Delay Tolerant Networks (DTN)

**I WANT TO KNOW IF MY APPS
WILL STILL WORK OVER
OPPORTUNISTIC NETWORKS !?**

An anonymous application developer

OUR PROPOSED SOLUTION

HINT EMULATOR OVERVIEW

HINT EMULATOR OVERVIEW

- ▶ Allow application developers to quickly test their application in a DTN context

HINT EMULATOR OVERVIEW

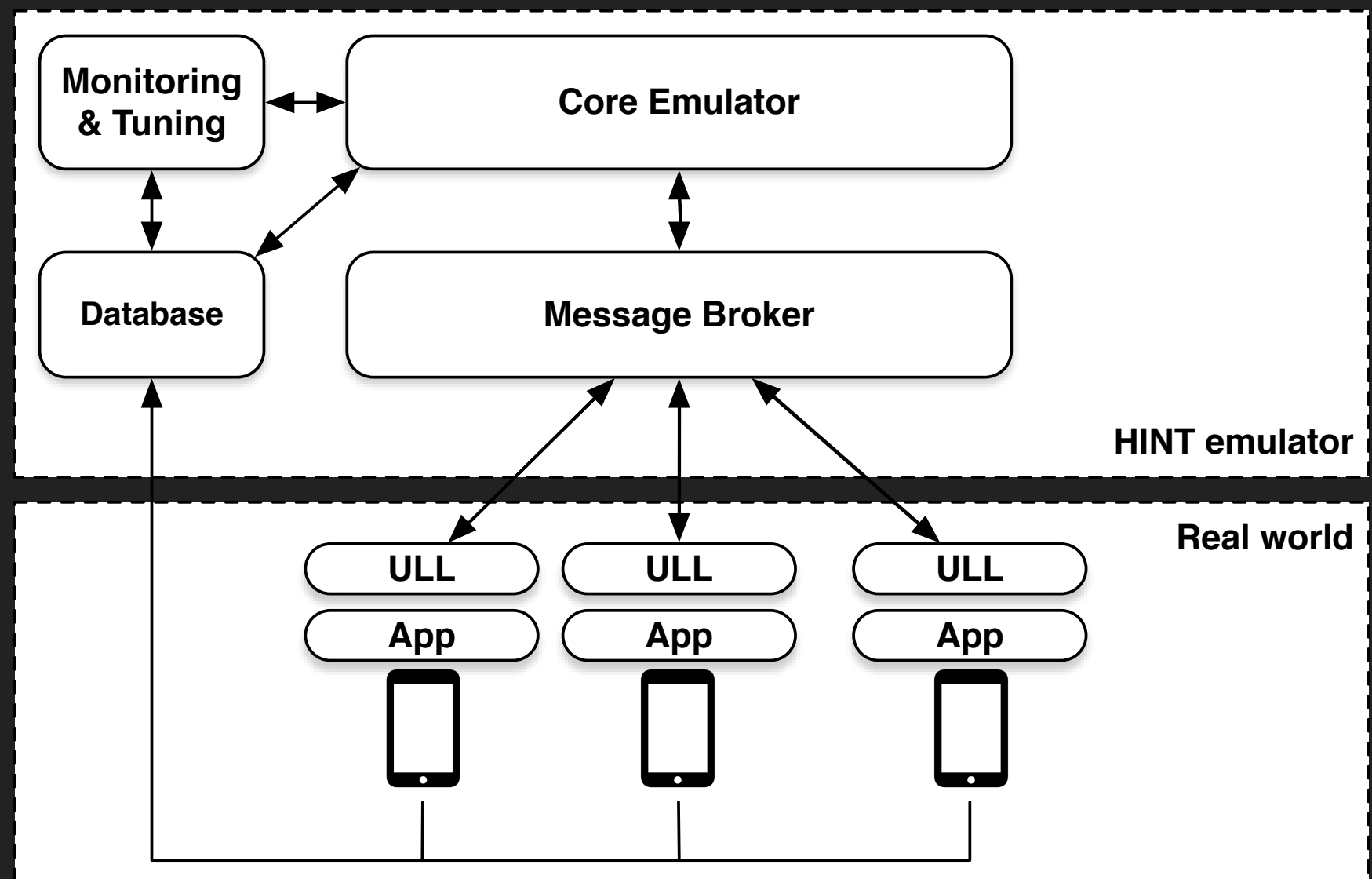
- ▶ Allow application developers to quickly test their application in a DTN context
- ▶ Emulator = real + virtual nodes

HINT EMULATOR OVERVIEW

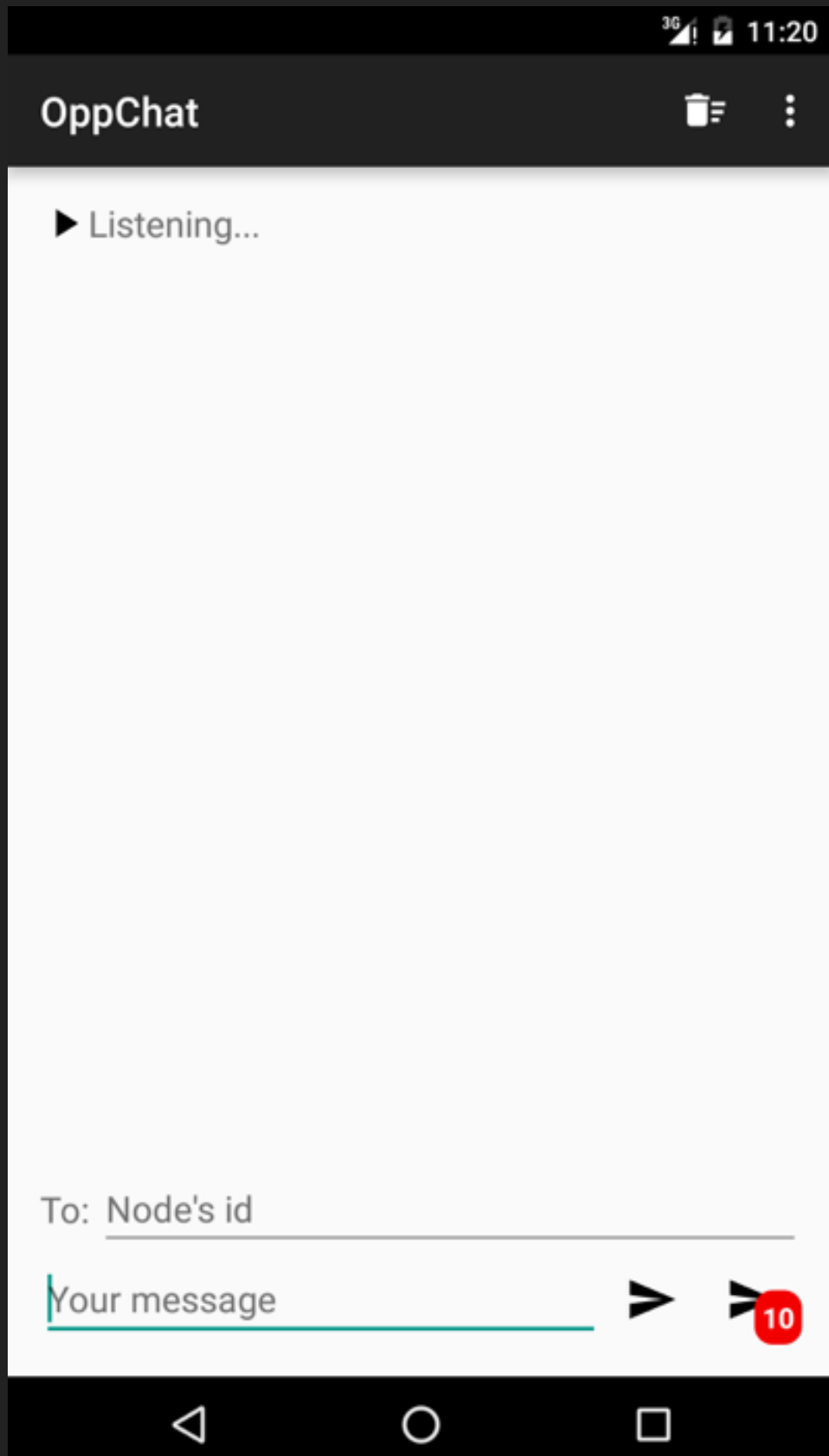
- ▶ Allow application developers to quickly test their application in a DTN context
- ▶ Emulator = real + virtual nodes
- ▶ Monitoring system interface

HINT EMULATOR OVERVIEW

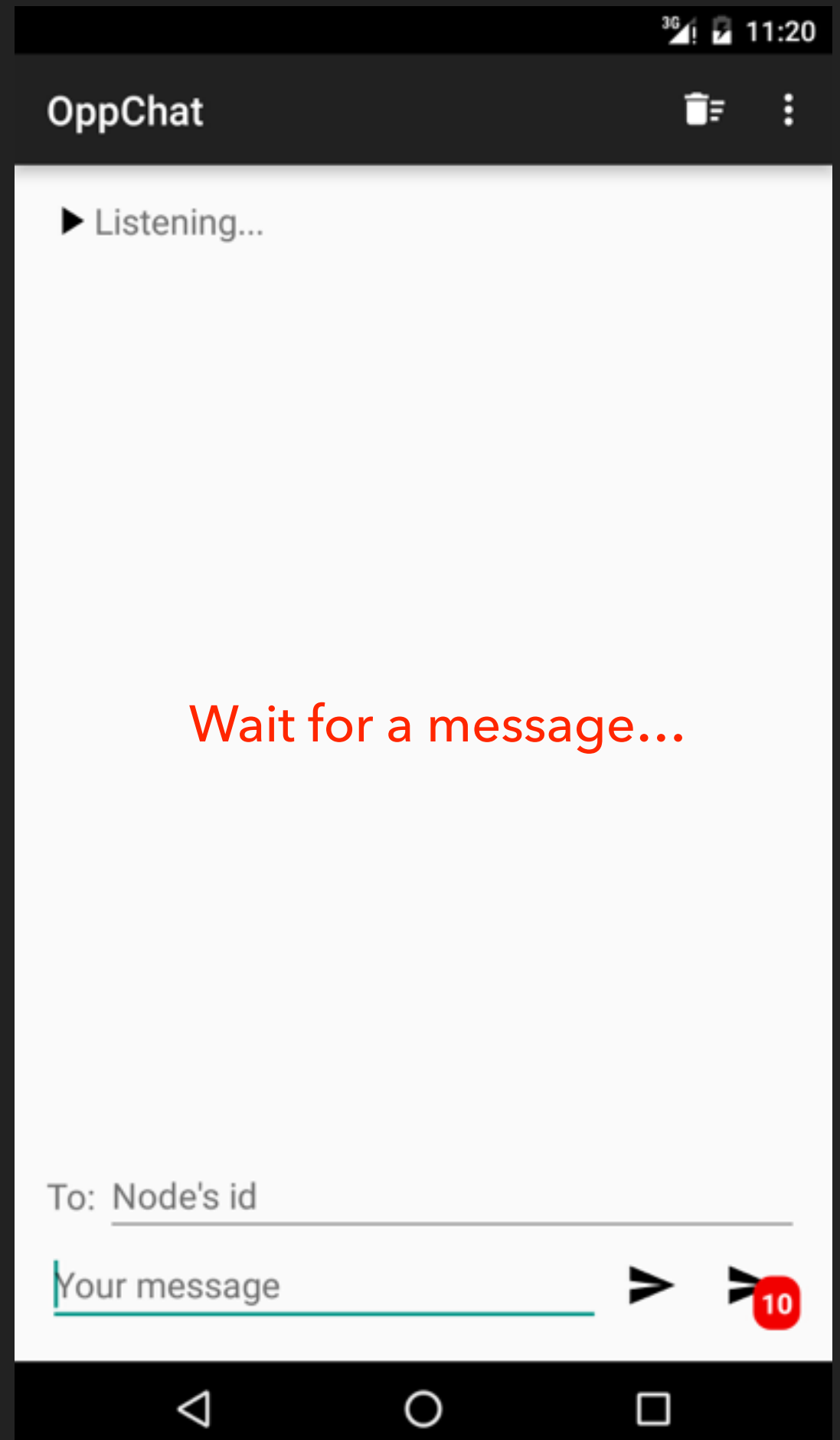
- ▶ Allow application developers to quickly test their application in a DTN context
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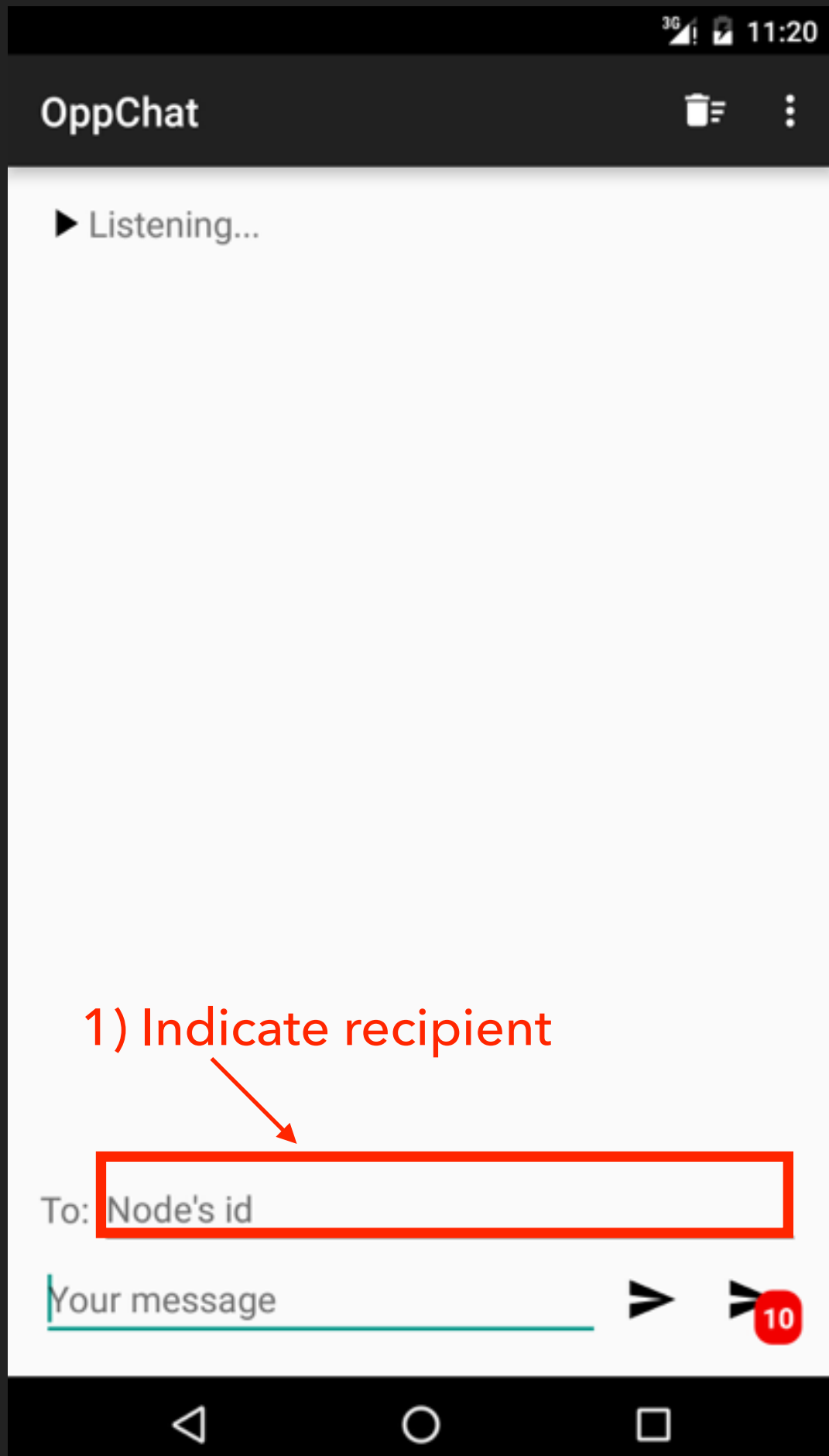
DEMO TIME!



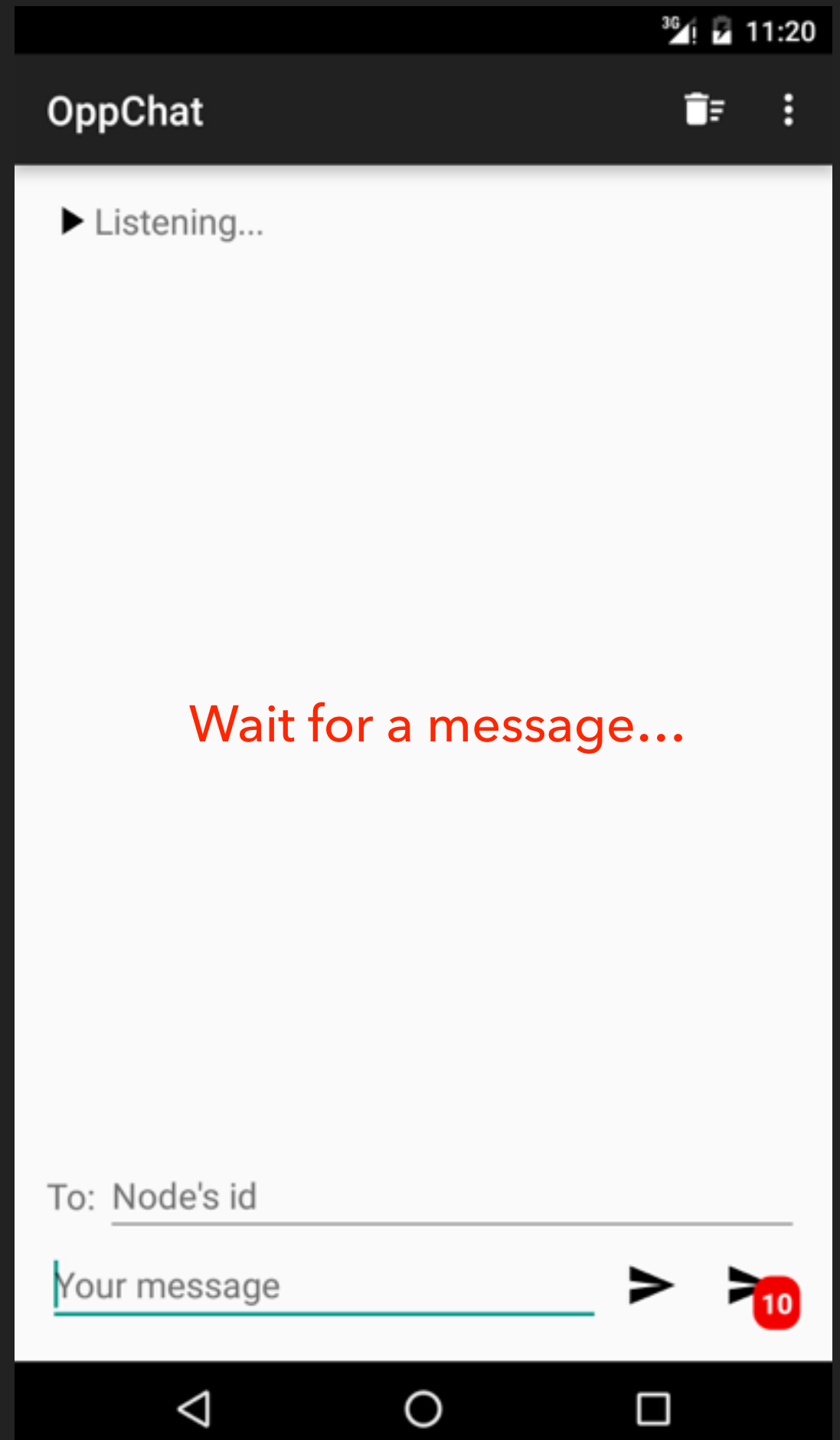
Bob



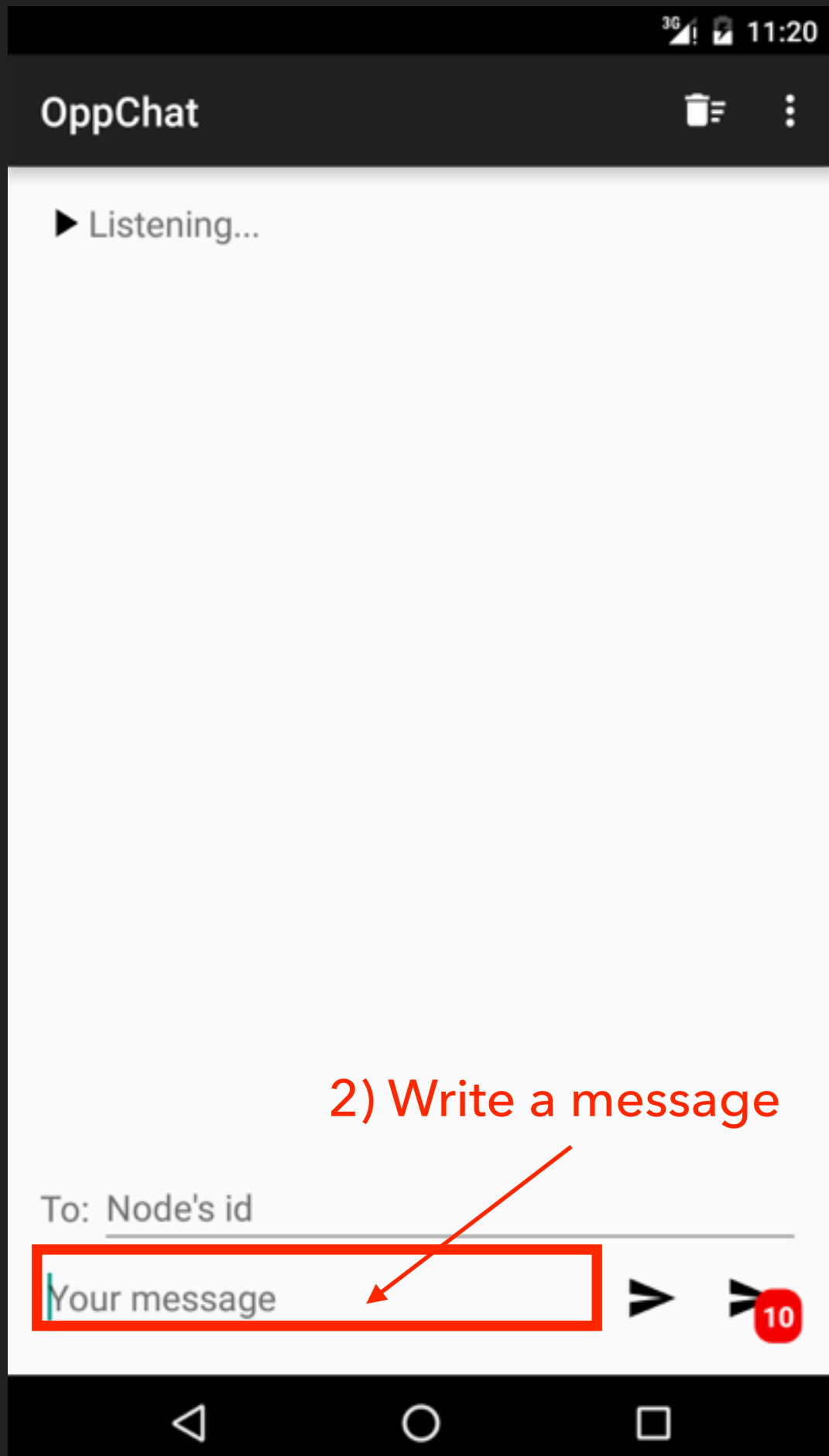
Alice



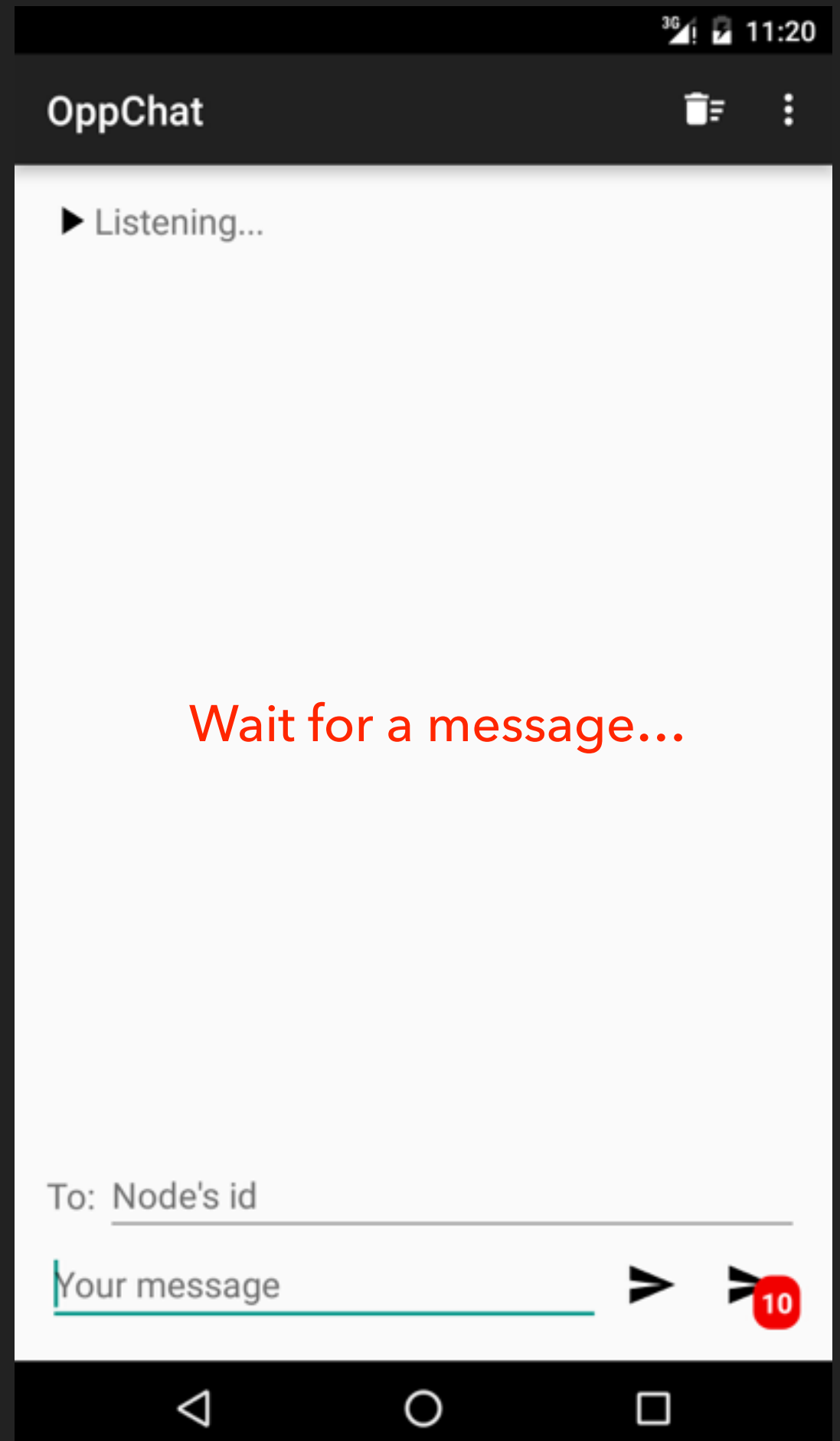
Bob



Alice



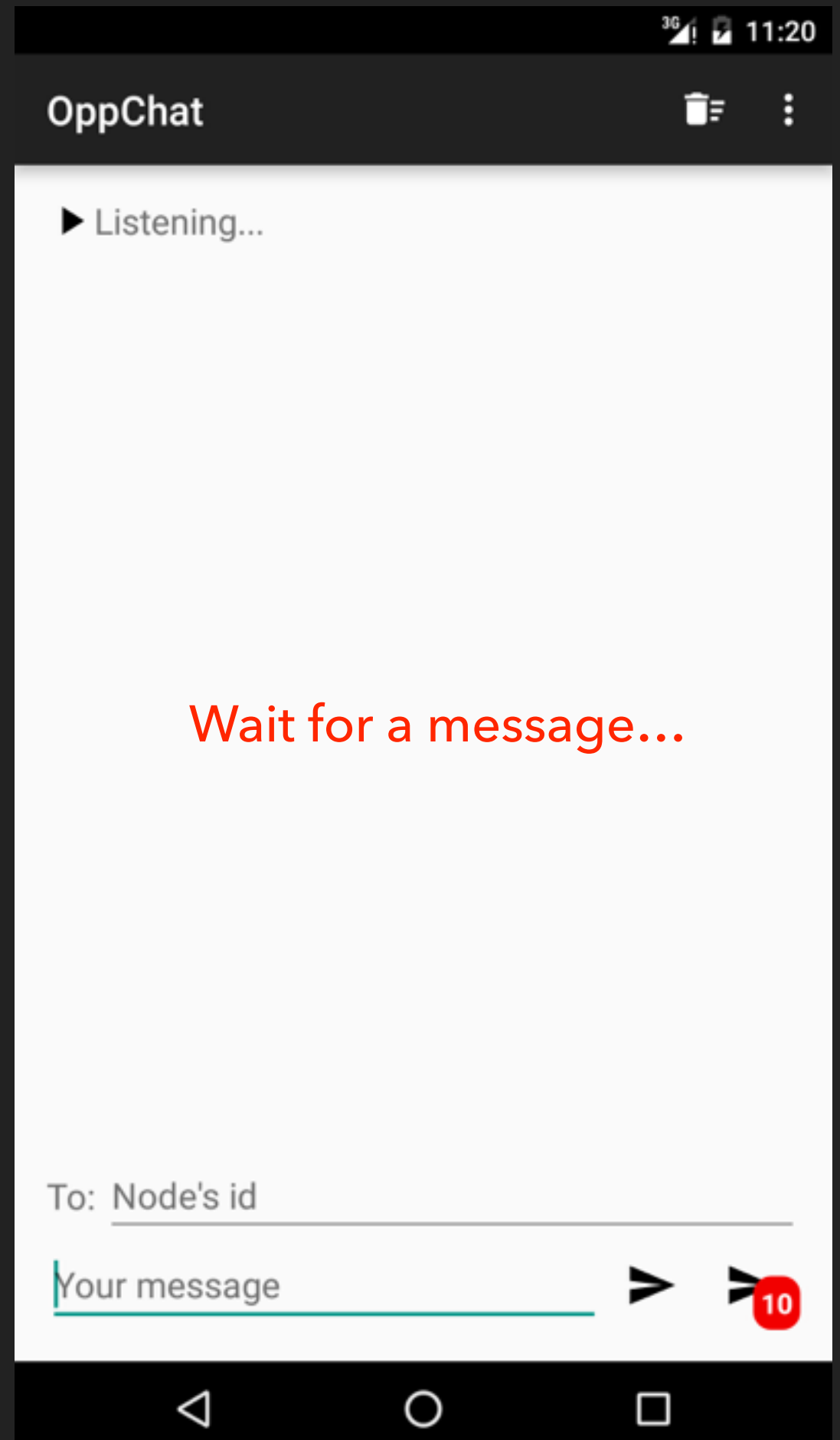
Bob



Alice



Bob

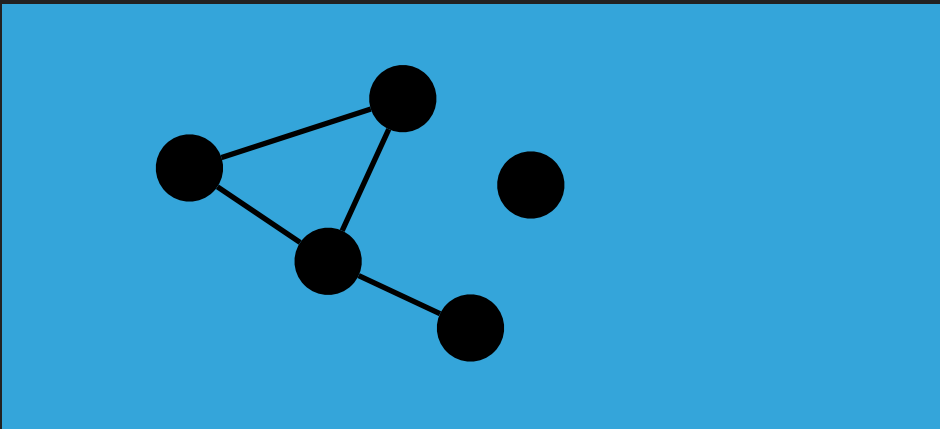


Alice

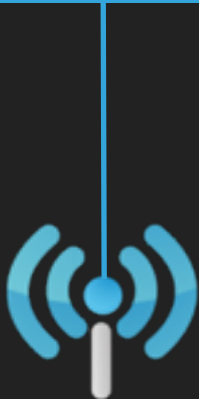
DEMO EXPLANATION



Monitoring
interface



HINT Emulator



Bob

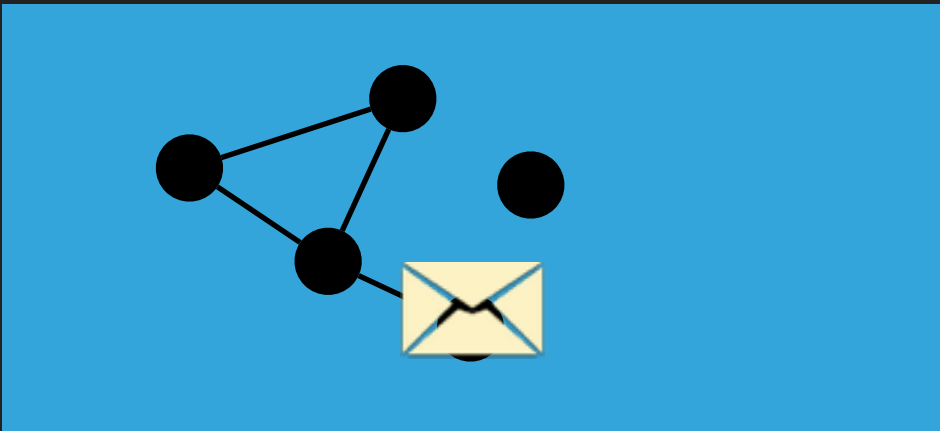


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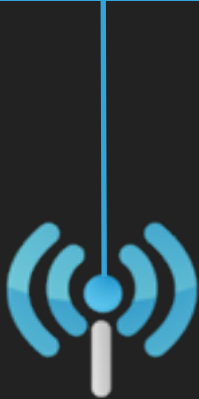
DEMO EXPLANATION



Monitoring
interface



HINT Emulator



Bob

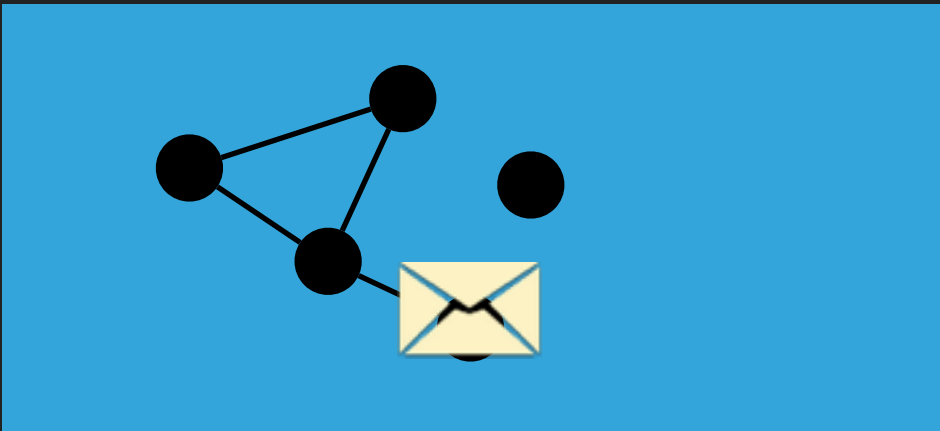


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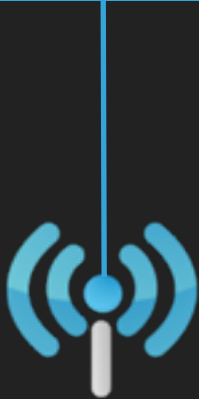
DEMO EXPLANATION



Monitoring
interface



HINT Emulator



Bob

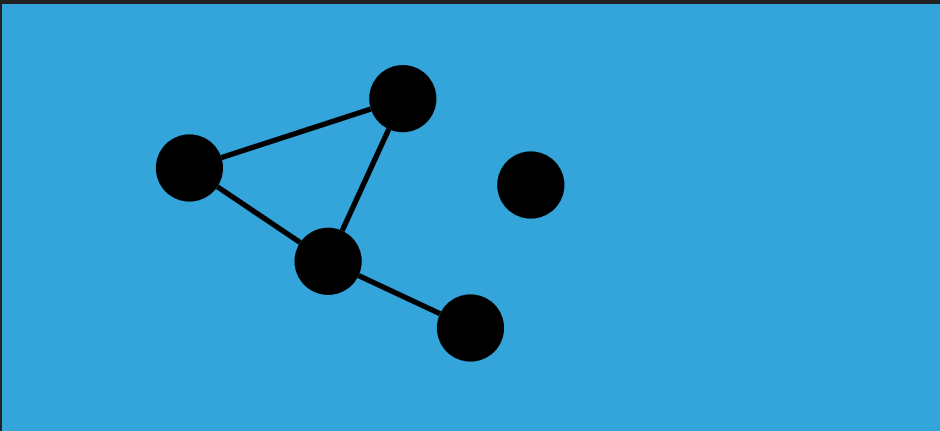


Alice

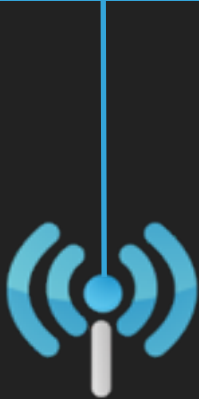
DEMO EXPLANATION



Monitoring
interface



HINT Emulator



Bob



Alice

THANK YOU FOR YOUR ATTENTION :)

DO YOU HAVE ANY QUESTIONS?

ANTOINE.AUGER@ISAE.FR