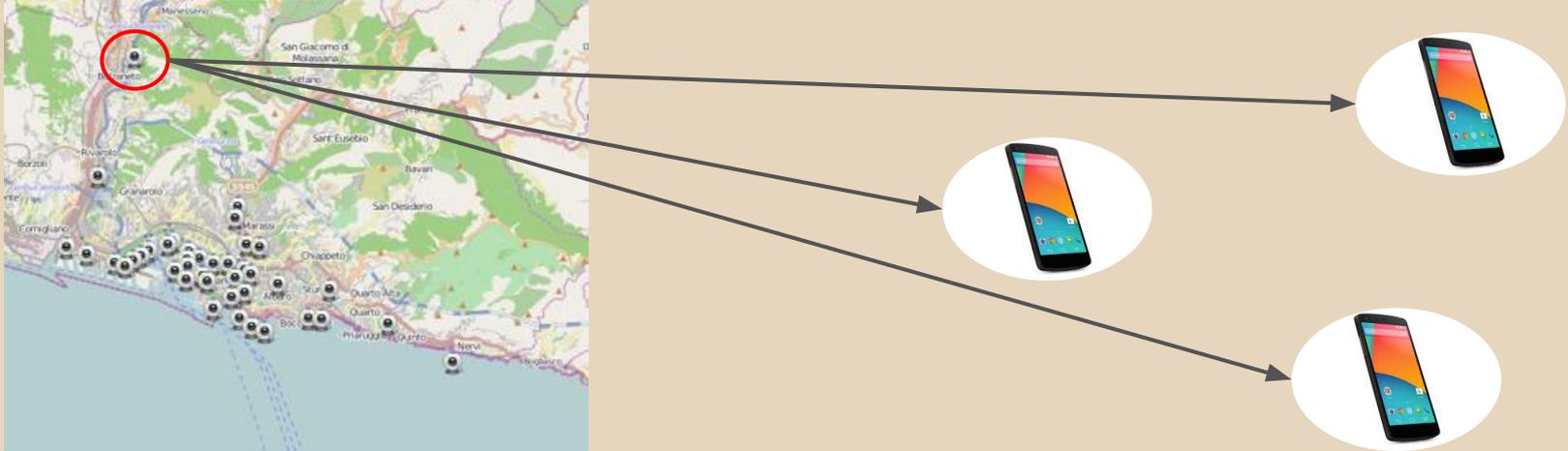


# RealCam

Tommaso Ruscica - Marco Zanghì

# RealCam - Concept



Rilevazione oggetti o persone attraverso webcam distribuite nell'area di interesse. Notifiche in tempo reale ai device Android associati.

# RealCam - Scenari Applicativi

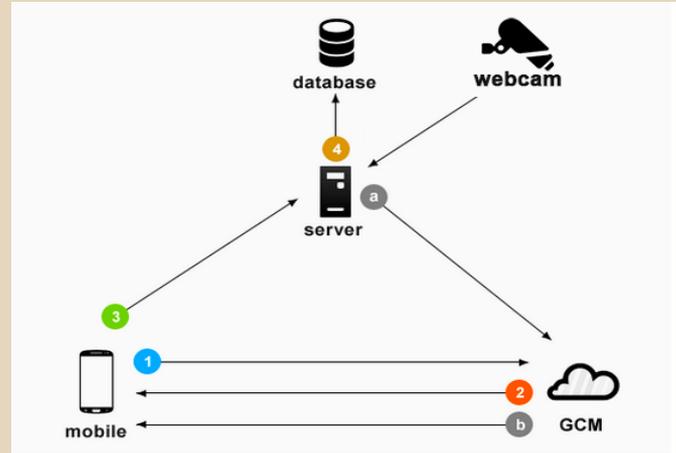
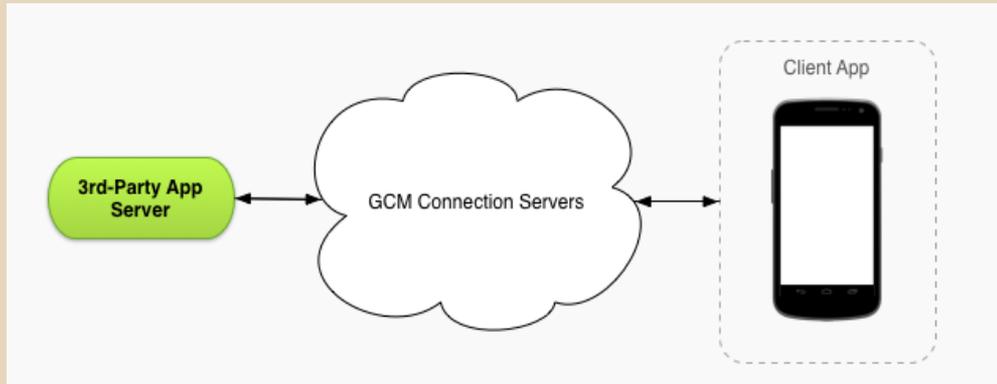
Regolazione del traffico



Limitazione accesso in aree storiche e/o pericolose



# RealCam - Architettura



1. First android device sends **sender id**, **application id** to GCM server for registration.
2. Upon successful registration GCM server issues **registration id** to android device.
3. After receiving registration id, device will send **registration id** to our server
4. Our server will store **registration id** in the **database** for later usage

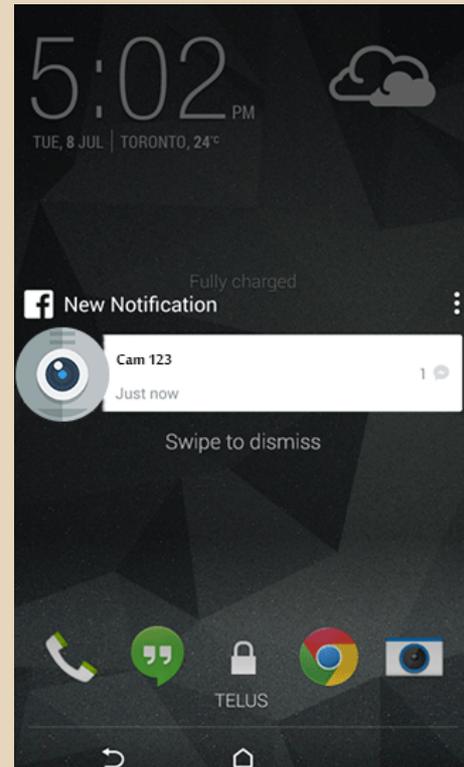
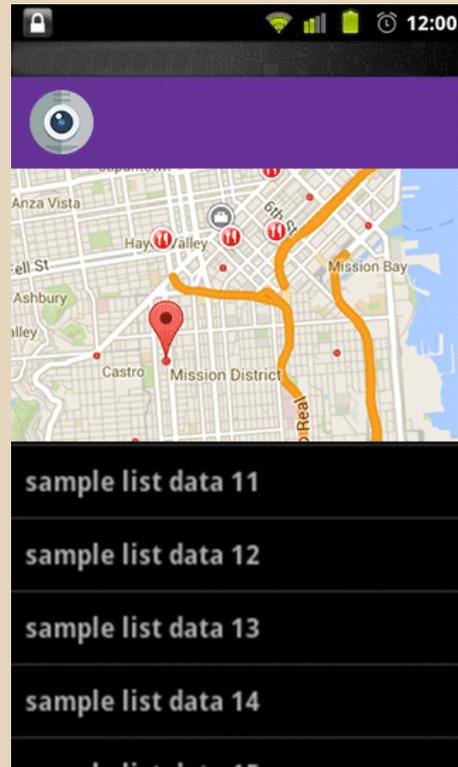
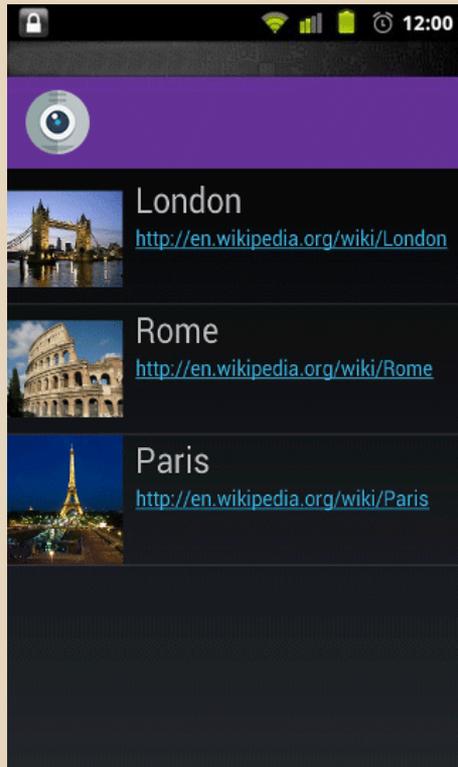
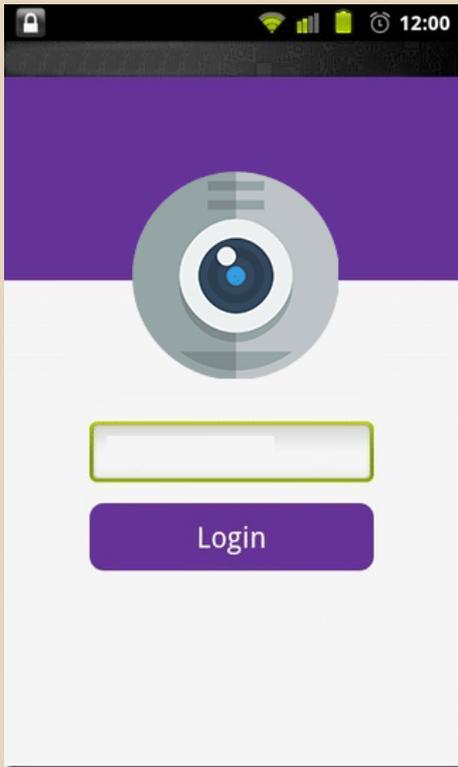
- a** Whenever push notification is needed, our server sends a **message** to GCM server along with device **registration id** (which is stored earlier in the database)
- b** GCM server will deliver that message to respected mobile device using device registration id

# RealCam - Componenti

- ★ BroadcastReceiver per il servizio Google Cloud Messaging.
- ★ Service per la gestione dei messaggi ricevuti.
- ★ Mappe per la visualizzazione della reale posizione delle webcam.
- ★ Webservices per la comunicazione client-server (Server GCM)
- ★ Sviluppo Client java per la motion detection.



# RealCam - Mockup



# RealCam - Grazie

