# MobiNetVideo Industrial Day

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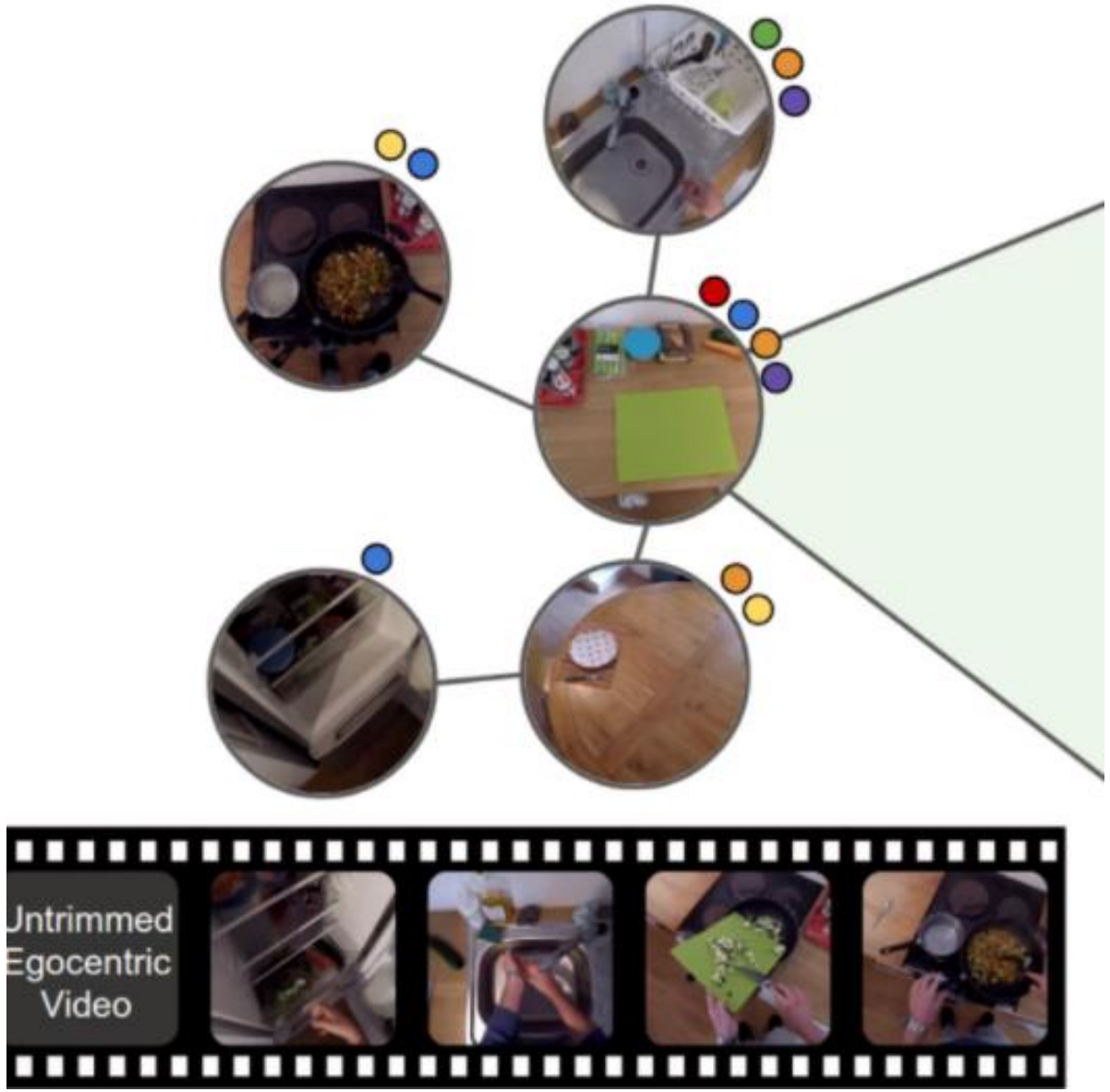
Application for the demonstration of the automatic registration of transited spaces for contact tracing of infectious diseases using video signals from lifelogging cameras.



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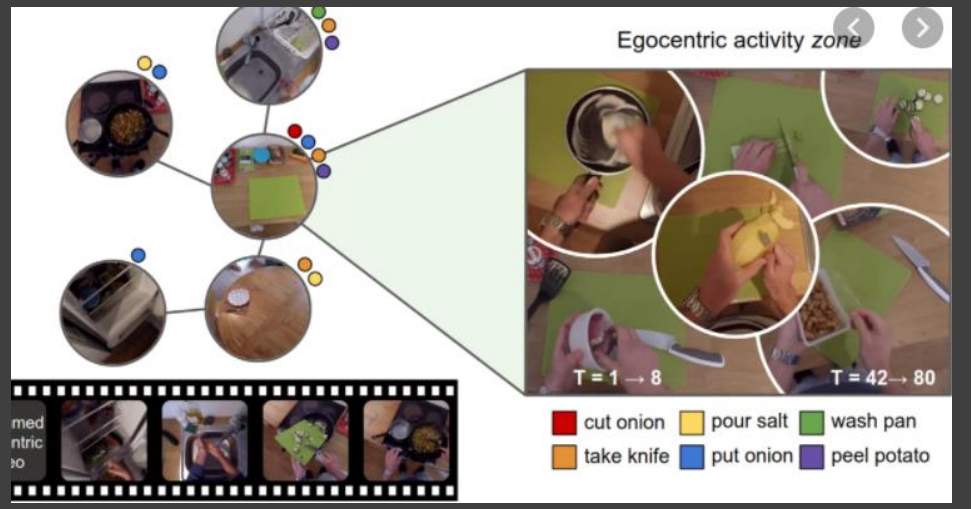
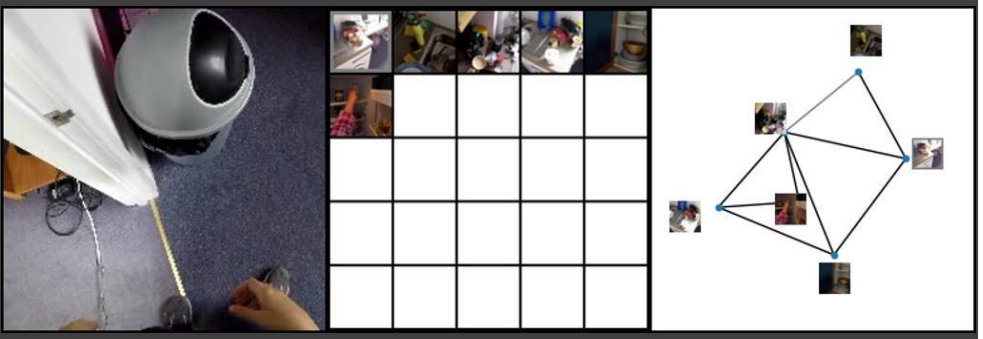
# What is the system about?




- The final system is about detecting the regions visited by different users with an egocentric camera, and recognize if there is any common region.
- The system builds a graph with the information of the places visited by the two users. This information is analyzed and possible direct and indirect contacts are detected.
- Based on EGO-TOPO approach, the first functional system on automatic region registration.

# How is the approach created? Modifications on the baseline system.



Ego-topo base-line graphs were modified to be created from two user, with the information needed for the app.

The system was analyzed, some inconveniences were seen and they were solved.

To test that the changes are positive, object annotations were semi-automatic created.

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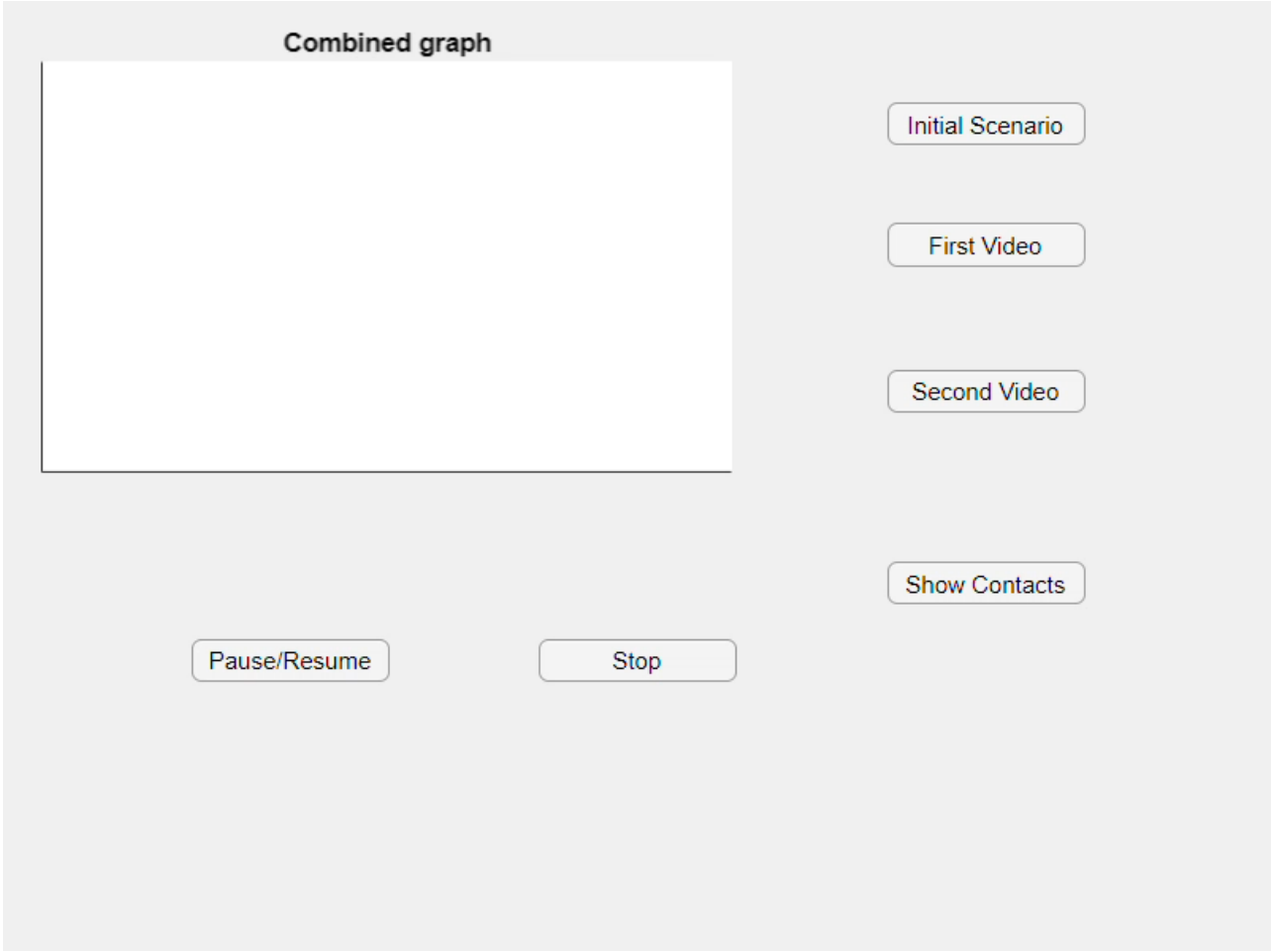
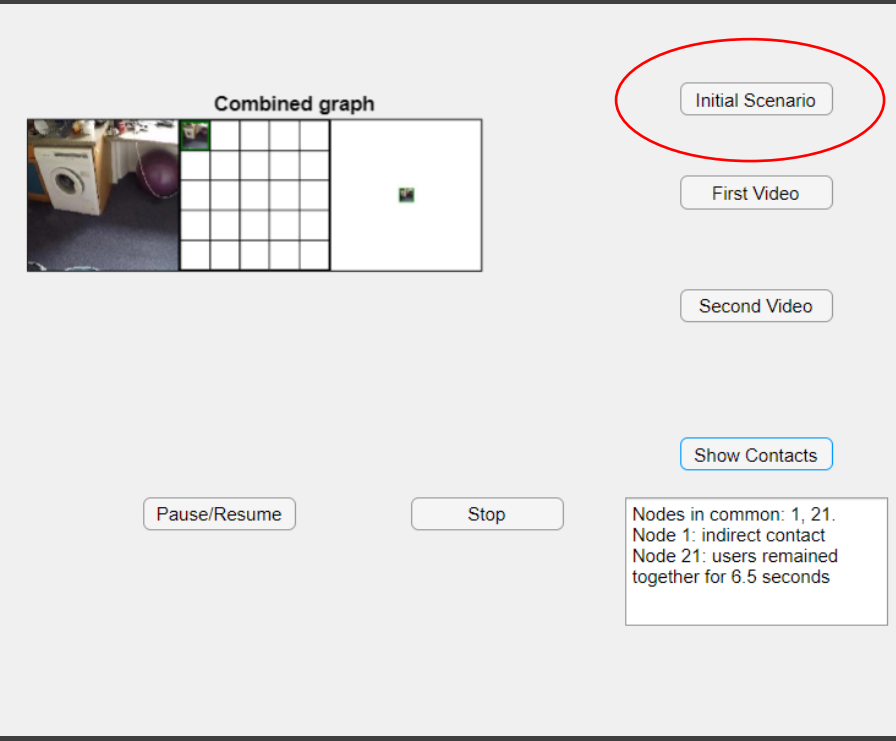
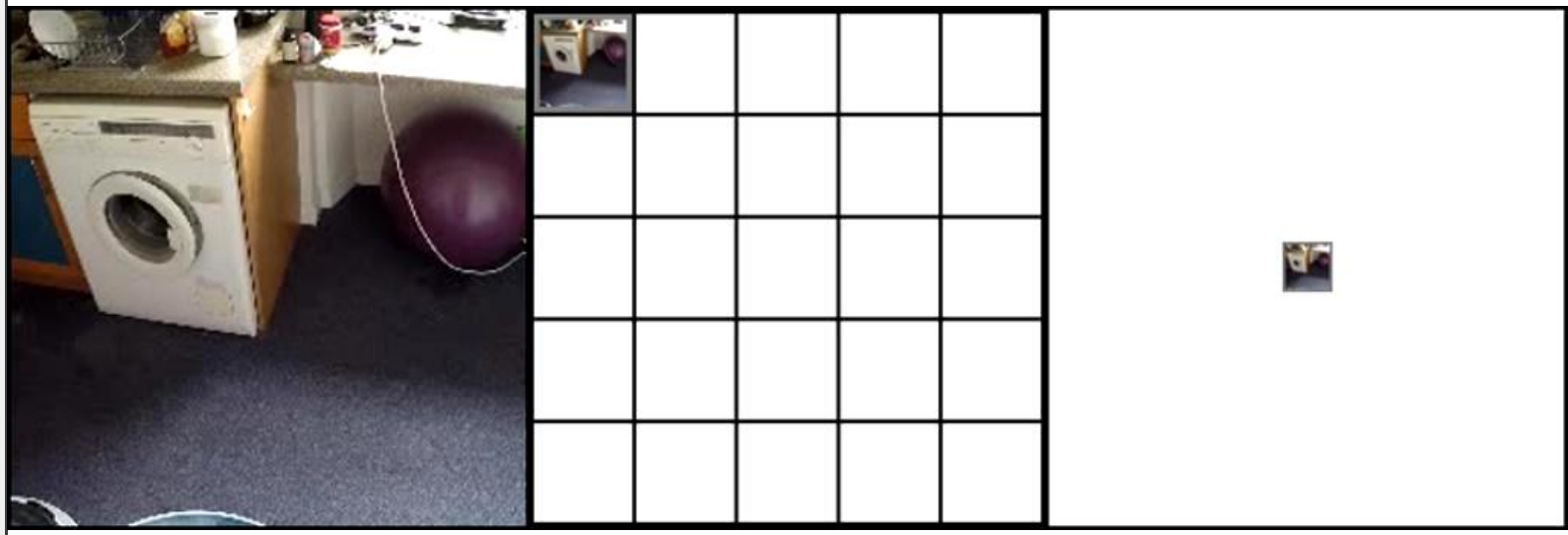


# Initial Scenario



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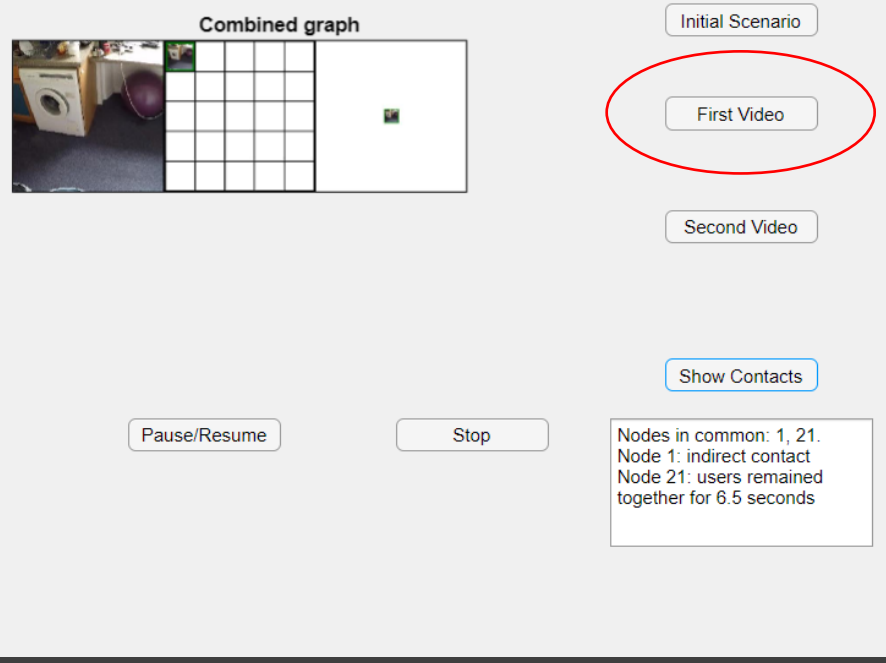


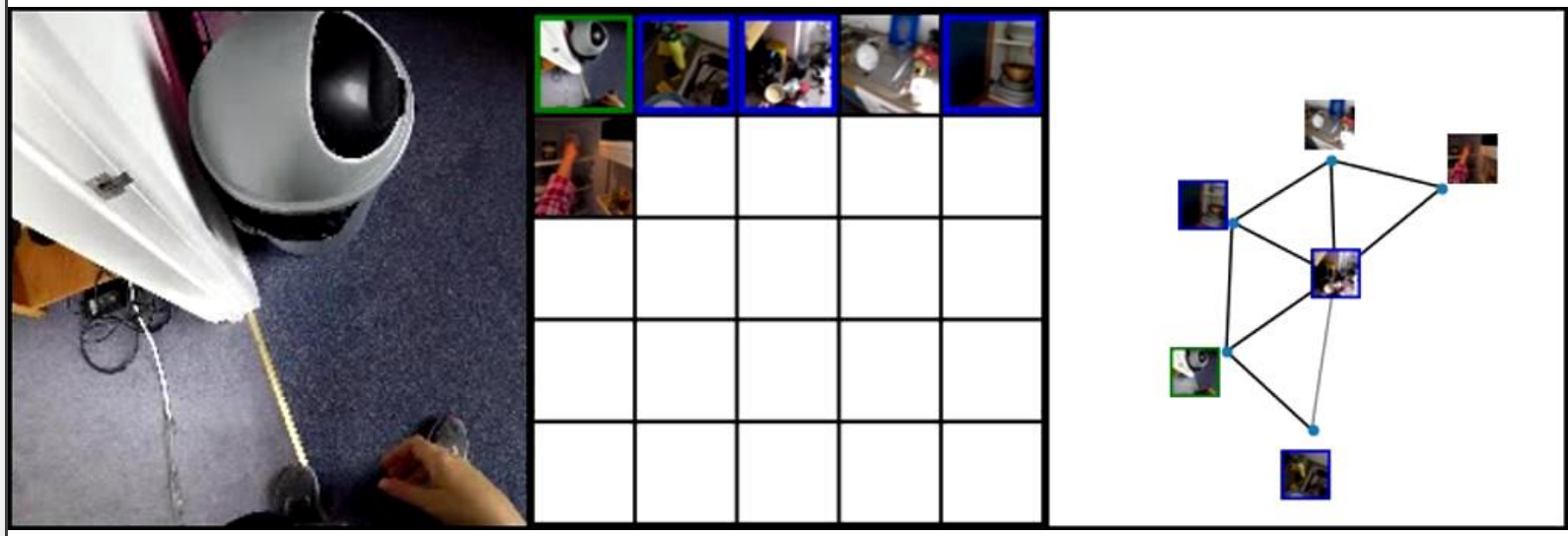

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