

# ROOM DETECTOR

Lucrare de licență propusă de  
Broască Ioan Iulian

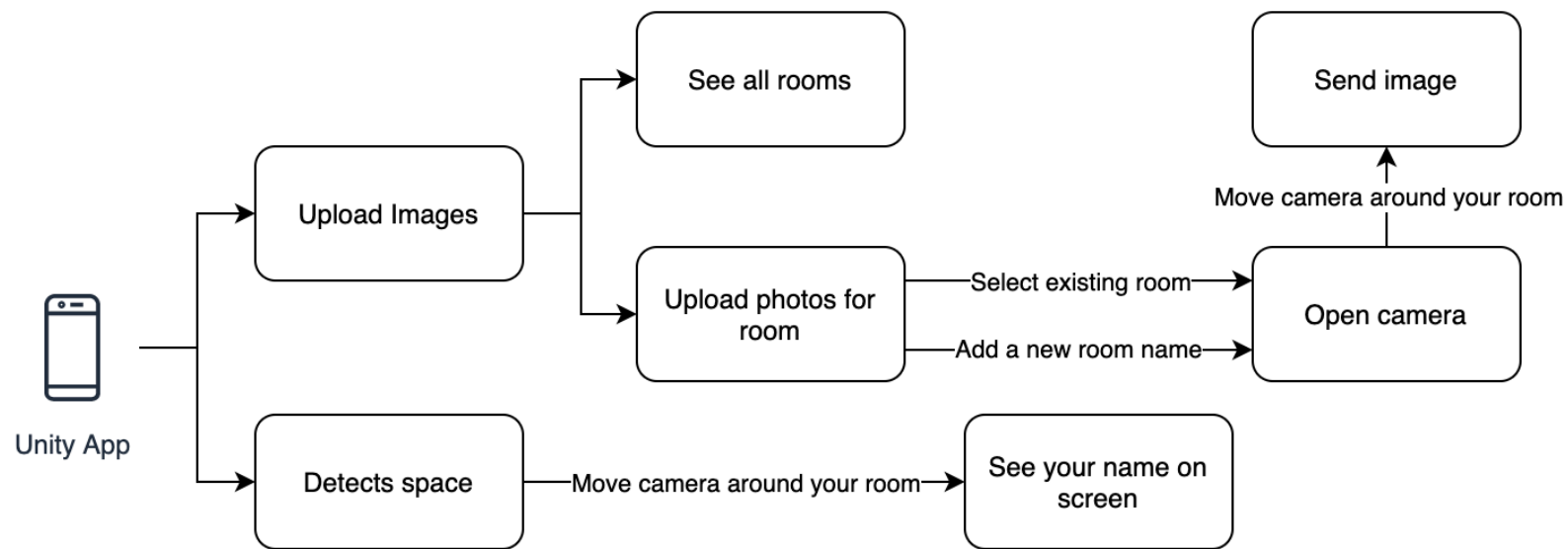
Coordonator științific  
Drd. Colab. Florin Olariu

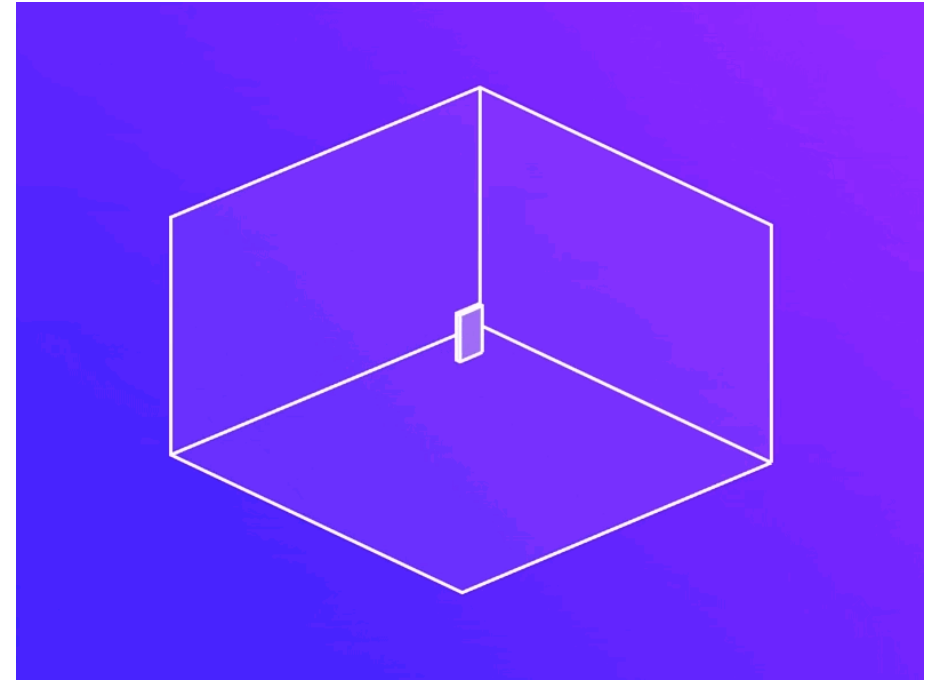
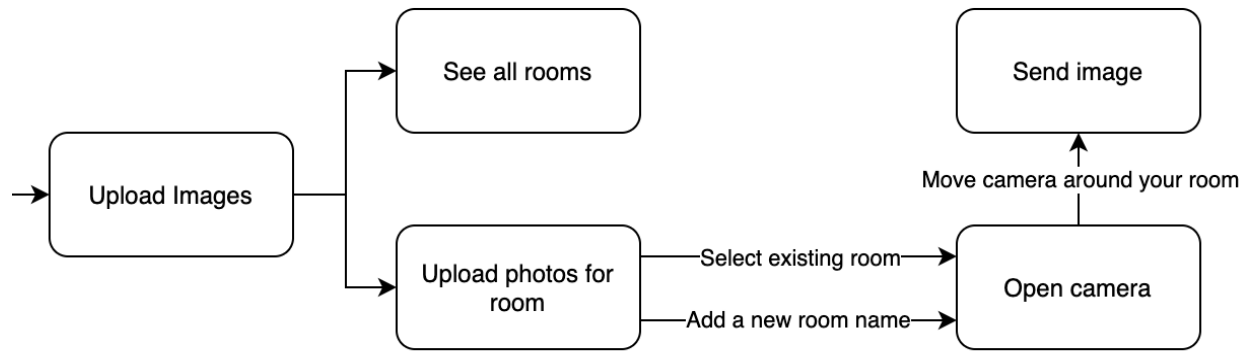
# AGENDA

- Descrierea aplicației
- Cercetare
- Platforme
- Tehnologii
- Algoritmi
- Demo
- Concluzii

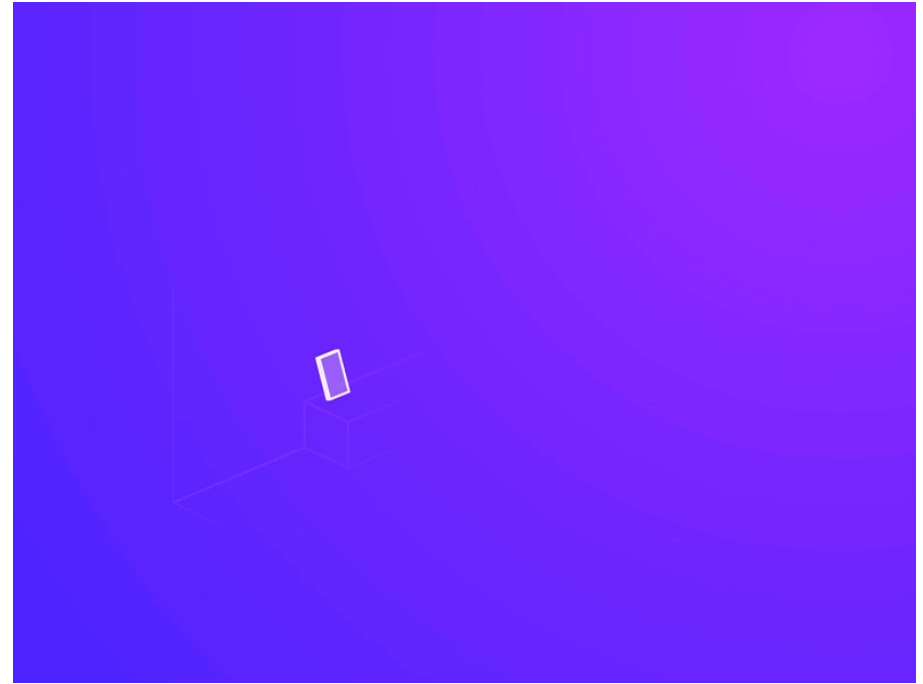
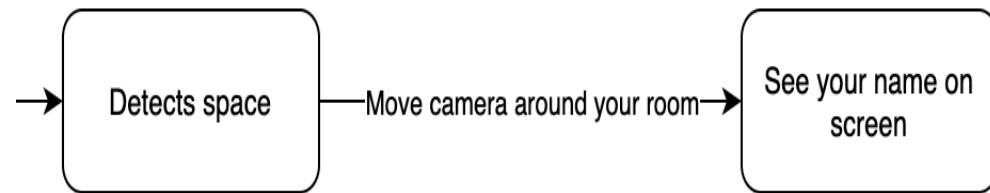
# DESCRIEREA APLICAȚIEI

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# UPLOAD IMAGES



DETECTS SPACE

**CERCETARE**

TENSORFLOW



TensorFlow



OPEN-CV



PLATFORME

UNITY ENGINE



**TEHNOLOGII**

# AR FOUNDATION

**ARCore**



**ARKit**



FLASK



Flask

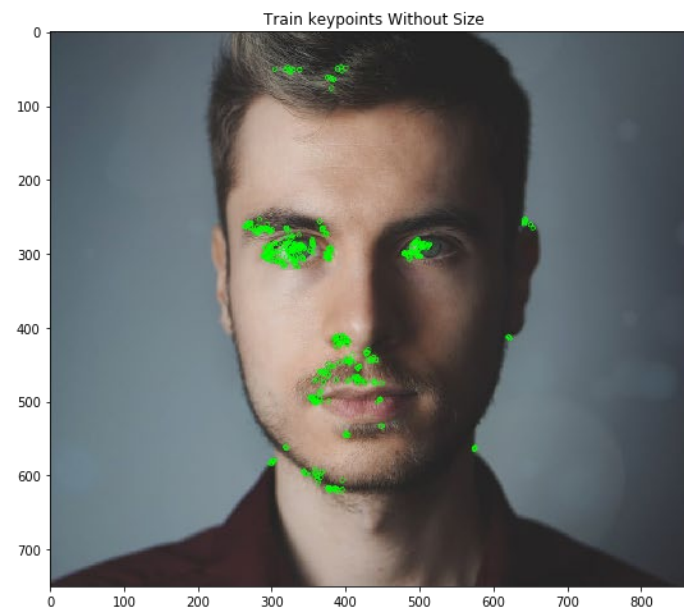
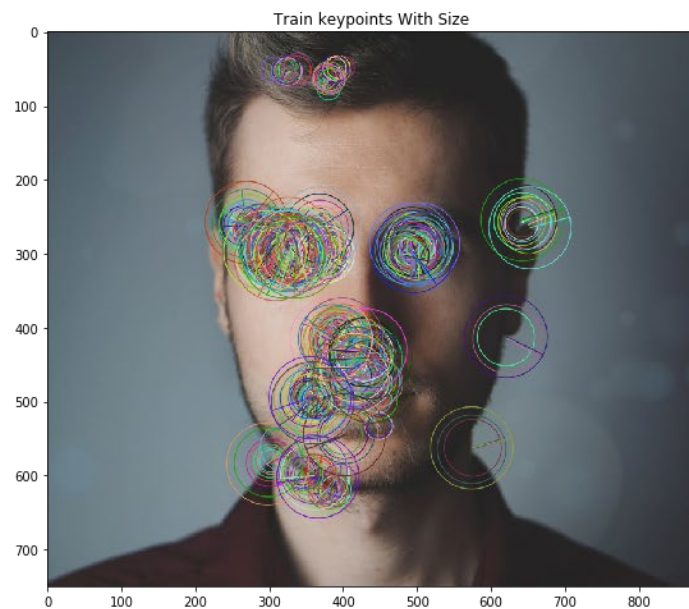
OPEN-CV



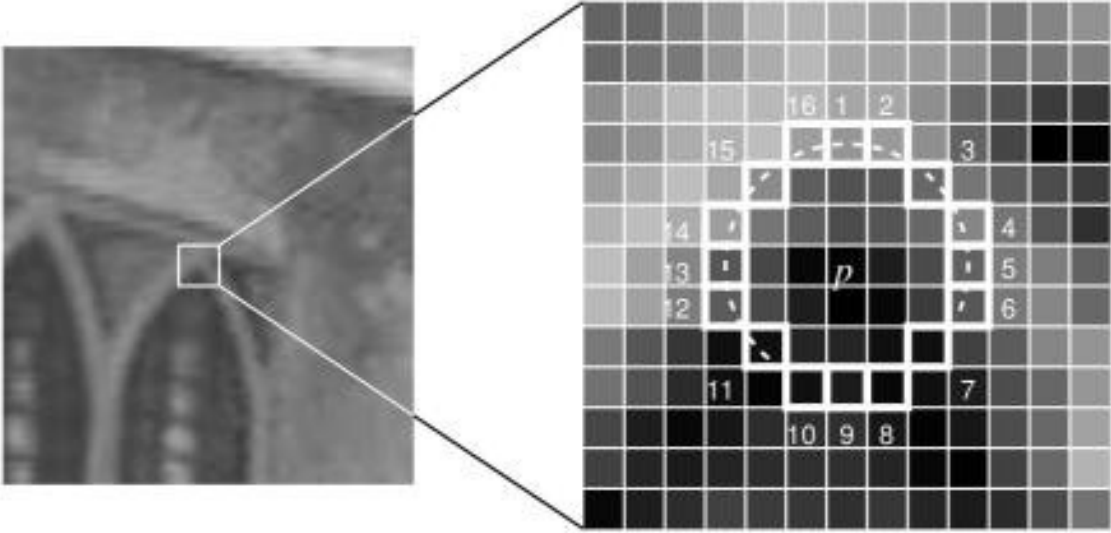
**ALGORITMI**



# ORIENTED FAST AND ROTATED BRIEF (ORB)



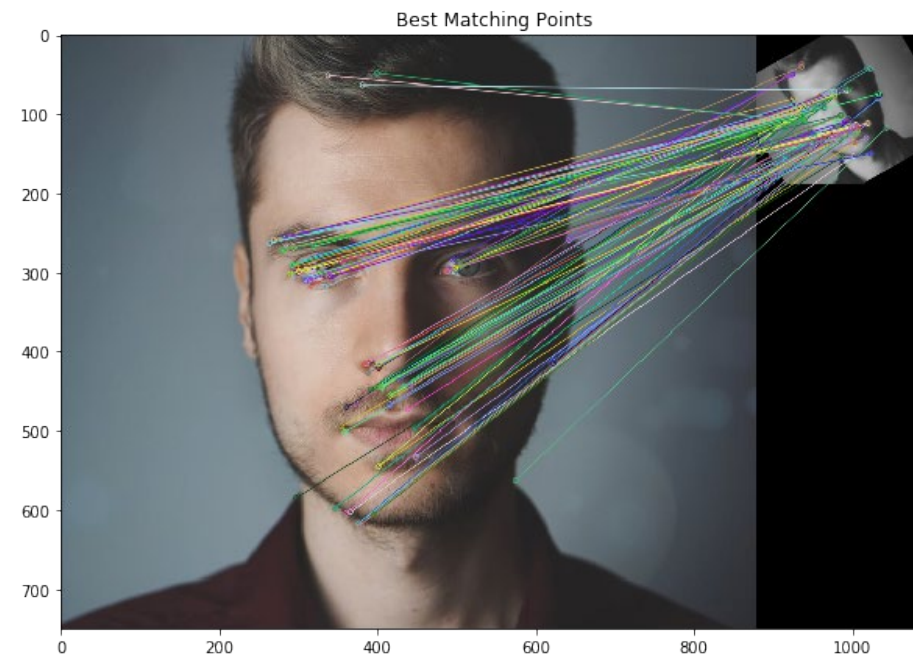
## FEATURES FROM ACCELERATED AND SEGMENTS TEST



# BINARY ROBUST INDEPENDENT ELEMENTARY (BRIEF)



# BRUTE FORCE MATCHER (BFMATCHER)

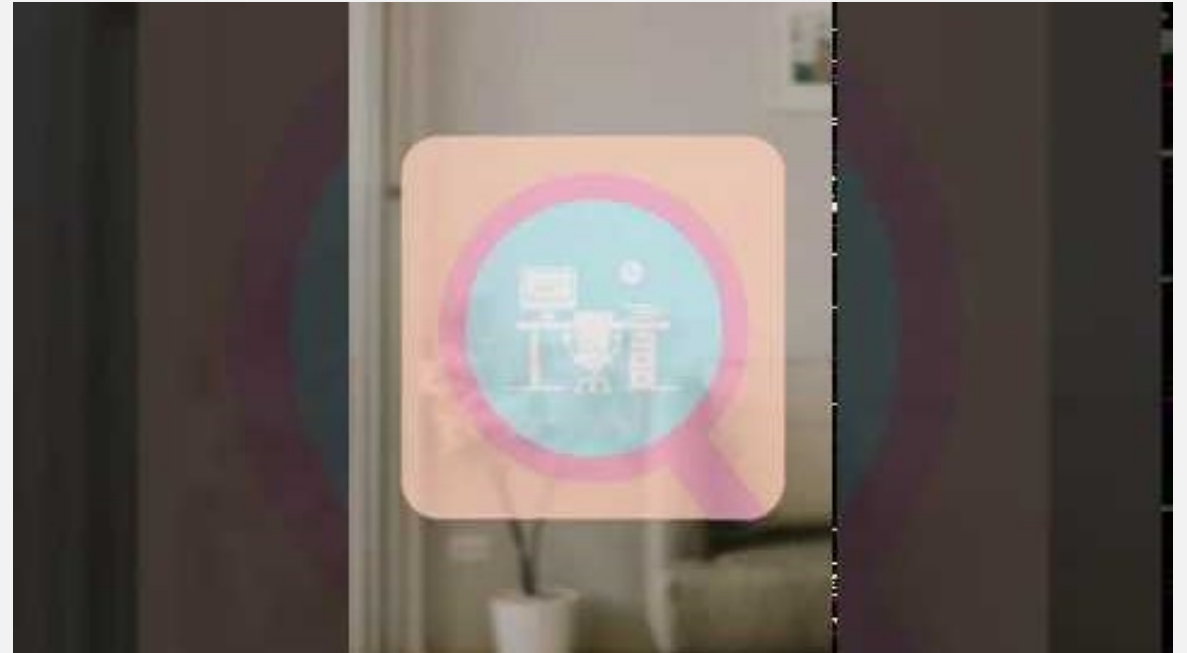


DEMO

## DEMO MODUL „UPLOAD IMAGES”



DEMO MODUL  
„DETECTS SPACE”



**CONCLUZII**