

A close-up photograph of an elderly woman sitting on a light-colored wooden floor. She is wearing a white dress with a blue floral pattern. Her hands are clasped together near her face, and she is holding a silver cane with a black handle. The background is the wooden floor.

Fall-aid

Plataforma de monitoreo y advertencia de caídas en entornos cerrados

Fall-aid

Plataforma de monitoreo y advertencia
de caídas en entornos cerrados

1. ¿Por qué?

2. ¿Cómo?

3. ¿Qué?



Arquitectura

Servidor

Cliente

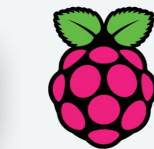
ubuntu

OpenCV

Firebase

ImageZMQ

ImageZMQ



RaspberryPi



android

Flutter

FCM Push Notification



Materialles

Servidor



Cliente

- Computador con Ubuntu
- Raspberry Pi
- Android
- Cámara Web
- Cuenta de Google



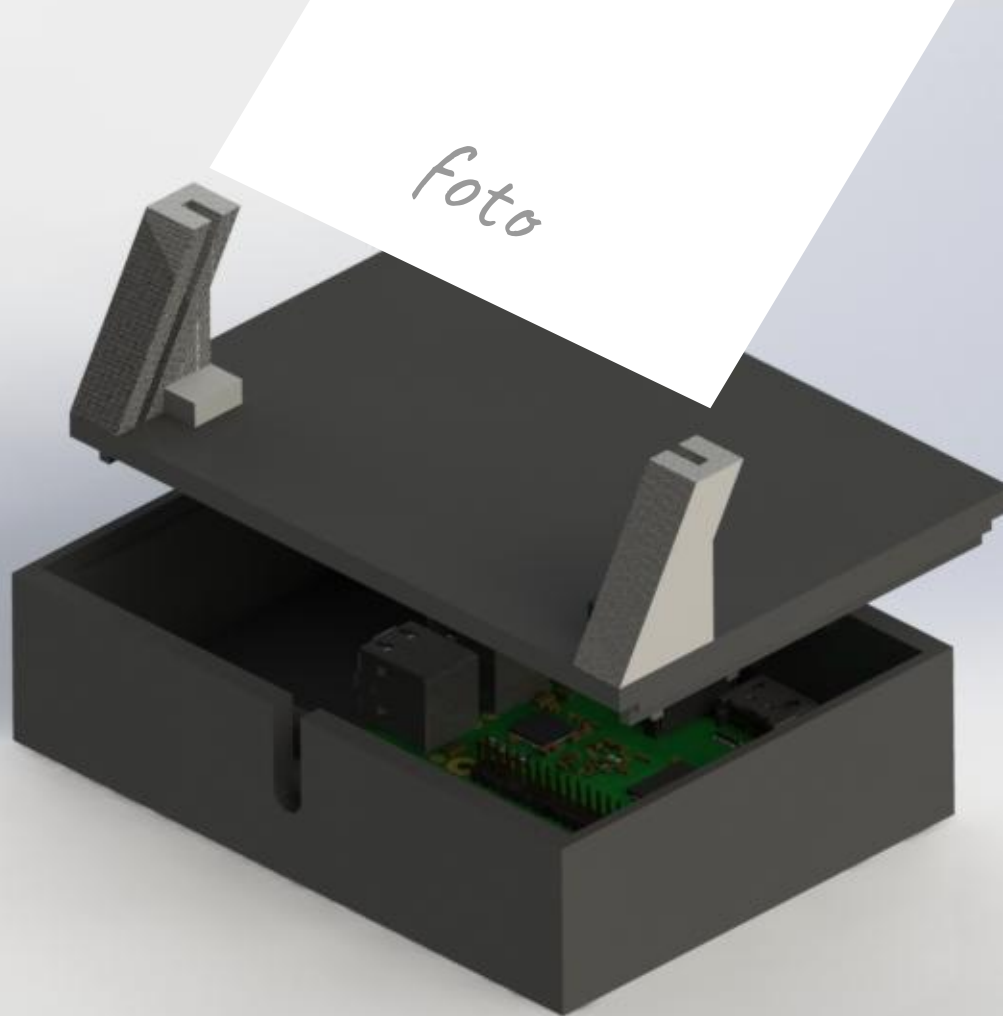
RaspberryPi



android

Caja

- Mimetizada para parecer portaretratos
- Agujero para cámara en frente
- Compartimiento interno para Raspberry pi
- Archivos .stl en github
- Links en la descripción del video



An elderly woman with her hands clasped is sitting on a light-colored wooden floor. She is wearing a white dress with a blue floral pattern. A silver metal cane with a black handle is positioned on the floor near her right hand. The word 'Código' is written in a large, white, cursive font across the center of the image.

Código

Servidor

Cliente