



Agradecimientos: geociudad.com

Augmented reality

A system to add information to the pictures taken by the smartphone camera

LAYAR is an App to:



- Read QR codes.
- Add media to photos or pictures.
- Add information to your phone camera images.





stands for...

LAYER, because you add a new information layer to the reality.

A.R. = Augmented Reality

Go!

1



Install the App in your Android or IOS device if possible:

<https://www.layar.com/mobile-download/>

2

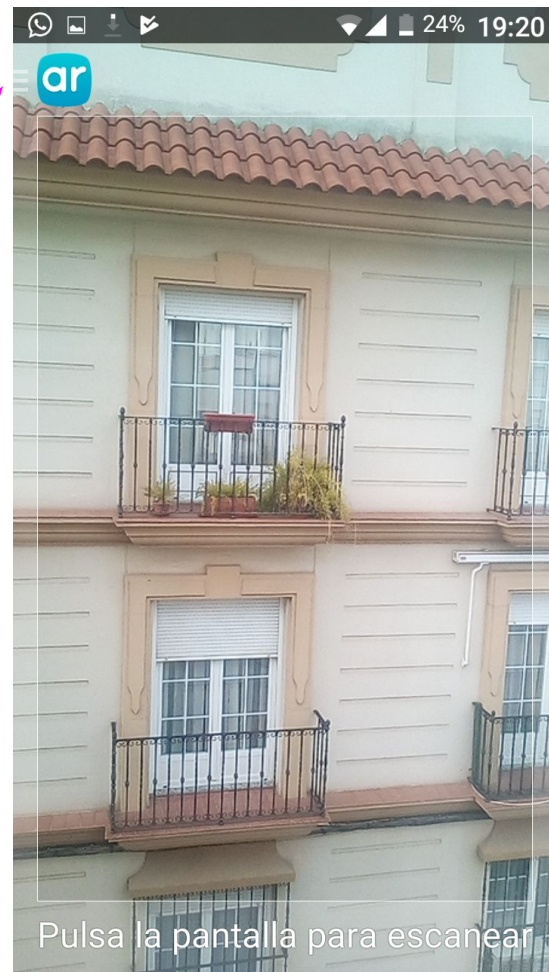
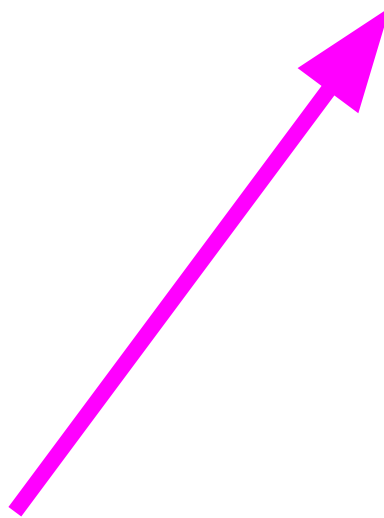
Start the App.

It's necessary to enable the location service.

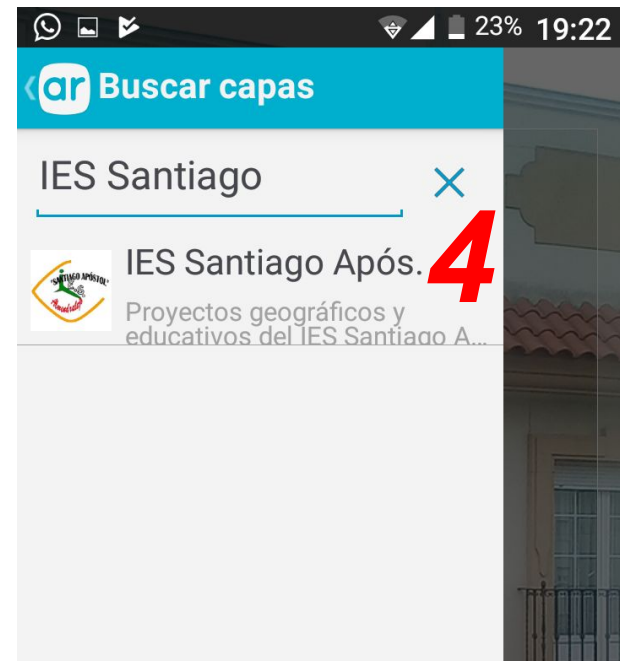
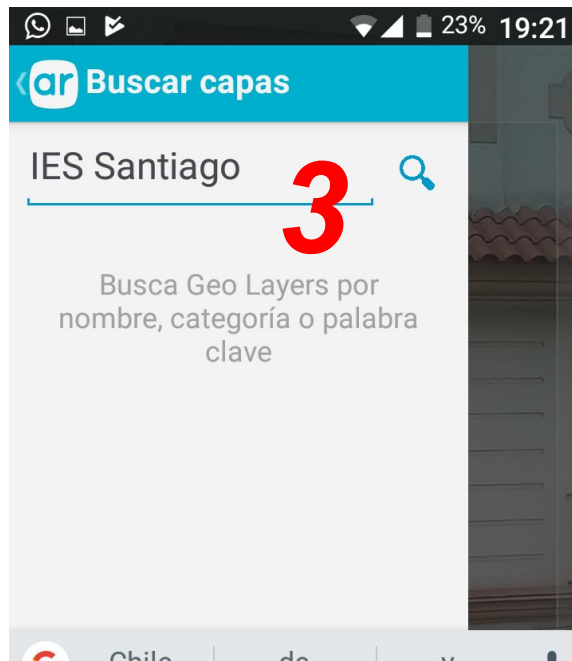
3

Try it yourself:

- Open the menu on the upper-left corner:



4



- 1) Click on 'GeoLayers' and click on 'Search'
- 2) Type 'IES Santiago' or only 'IES' and click on 'Search Layers'.
- 3) Pick up 'IES Santiago Após.'
- 4) Accept 1'5 Km.

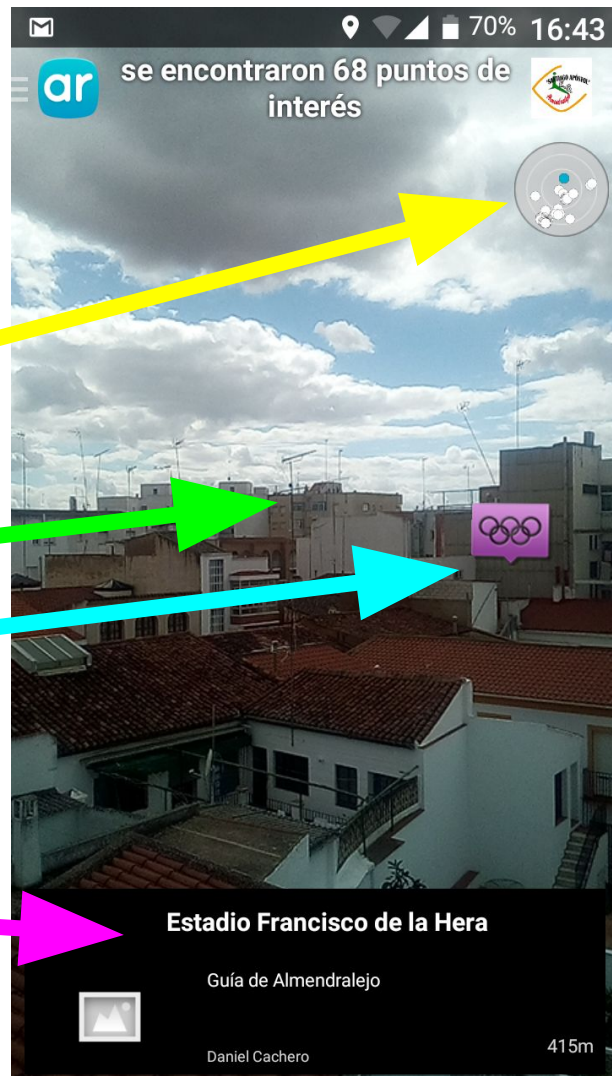
4

Radar with more POI's:
Points Of Information.

Real image.

Closer POIs.

More information about the
closer POI.



And now... Add more POI's about this school or the town.

The task consists of adding POI's to a GeoLayer:



1

Open a GeoLayers provider on the computer, for instance:

www.geociudad.com/

[Other providers](#)

2

Sign in with our account:

User: iessantiagoapostol@gmail.com

Password: ulab2018

Multiaccess is allowed

Please, click on 'Control Panel' & 'POIs Management'.

3

You can select between two layers:

Geociudad: free, basic.

I.E.S. Santiago Apóstol: complete.

Please, switch from one to the other and have a look.

4

Click on
'ŠOLSKI
CENTER' to
consult the
information:

The screenshot displays a web application interface for managing Points of Interest (POIs). At the top, there are flags for Spain and the United Kingdom, and a user email address: iessantiagoapostol@gmail.com. A navigation menu includes 'My Data', 'My Layers', 'POIs Management' (which is selected), 'Layers Preview', 'Help', and 'Log-out'. The main area features a map with a blue graduation cap icon over a location in Slovenia. A pop-up window provides details for the POI: 'ŠOLSKI CENTER SLOVENSKE KONJICE', located at 'Tattenbachova ulica 2a 3210 Slovenske Konjice, Slovenia', with a note 'Erasmus+ Meeting' and a logo for the center. A 'Delete Poi' button is visible in the pop-up. On the right, a 'POI properties' panel shows a dropdown for 'Select a layer' (I.E.S. Santiago Apóstol), and fields for 'Title', 'Line 1', 'Line 2', 'Line 3', 'Attribution', 'Longitude', and 'Latitude'. The 'POI Type' is set to 'Education'. At the bottom of the panel are 'Save' and 'Close' buttons.

5

Try to add a new POI about this school, city monument, interesting tree...

- a) Find the point on the map.
- b) Type a title and save it.
- c) Open the POI, switch the layer to 'I.E.S. Santiago Apóstol' and save it again.
- d) Click on the POI and add more information.

POI action

You can add extra information to a POI:

- a) Click on the 'POI Actions' tab.
- b) Click on 'Create action' button.
- c) Choose the action type and complete the information.

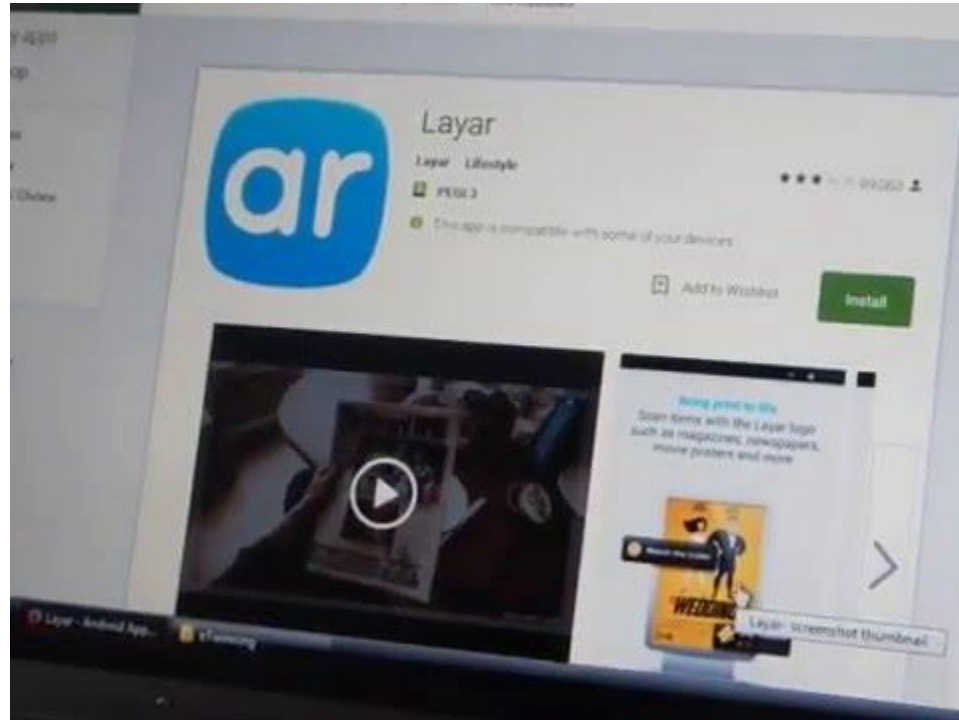
Look out!

If you paste a website URL avoid the beginning: 'http://'

- d) Save it.

Thank you for your attention!

Video-tutorial:



More information

Watch out:

Don't type quotation marks: they are forbidden in the text lines.