

QuickShot

by

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Description:

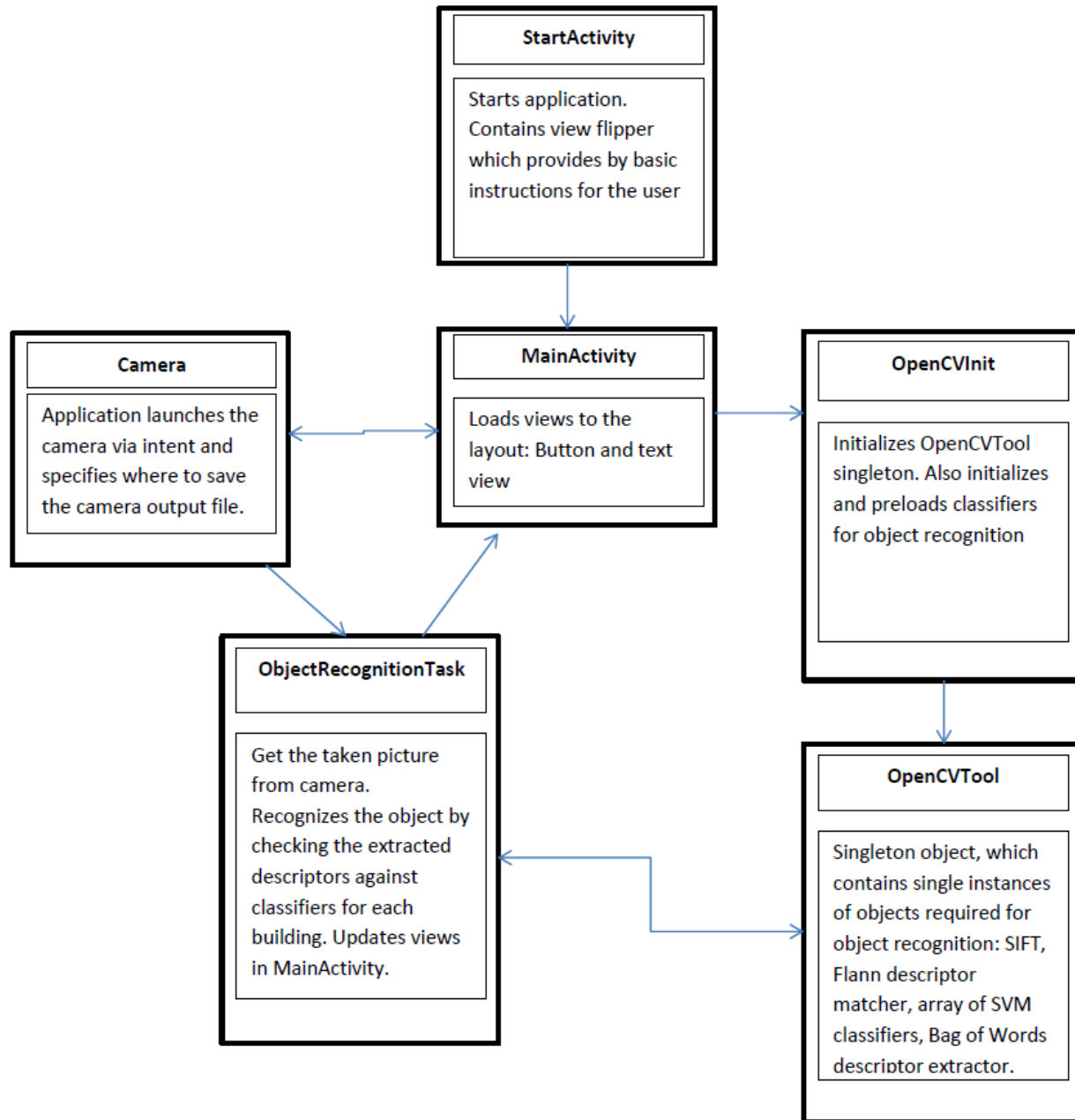
QuickShot is an application that allows a user to identify a building by its image. A user will be able to get the information about the building by only taking a picture of it. Our application is mainly oriented on people who may be in Astana for the first time and thus need some guidance around the city. One of the advantages of our application is that it will be possible to use it even in an offline mode.

Scenario:

Recently, Carli moved to Astana but she does not know much about the city. She decides to take a walk. During her walk, she notices an interesting building which she doesn't know about since it's the first time she is in Astana. Luckily, when Carli was at home, she had a chance to download QuickShot application. She decides that she needs some help at guiding her around the city so she launches the application. After going through a quick tutorial of how to work with the application, she presses a button 'Take a shot!' and takes a picture of the building. After several seconds, the application displays the information about the building. Now, Carli knows that the building is called 'Baiterek' and can read the basic facts about it.

Implementation:

Below is the structure of our application:



Future work:

- + implement image recognition in a way that it was processing images only within some limited set (based on the current location of a user, the recognition occurs within limited set of images);
- + extend the application to other cities;
- + add integration with google places API, so that a user could retrieve more detailed information from the internet upon his/her request.