NativeLOOK Project

Create application for Android smartphone which will be used for visual recondition of objects that are caught by the video camera and also for training visual recognition model.

For Objects detection and images recognition the application will be as the following:

1st screen: nice picture, explanation text, and a button “Start”. After pressing “Start” the application starting to shoot video for 5 seconds and in parallel (or immediately after the video) it will record a voice question. For now there are only 2 possible questions: “What is it?” and “Where is a<object>”.

2nd screen: some nice picture and explanation about what is going on. For example:

The server is processing your request… or moving process bar…

3rd screen: Show the image that was returned from the server (it should be with a frame). And playing the answer in the background (voice message that is also returned form the server).

For training:

1st screen: nice picture, explanation text, and a button “Start”. After pressing “Start” the application starting to shoot video for 5 seconds. This video will be sent to the server for training.

2nd screen: nice picture and a message: Thank you for helping me to get smarter!