

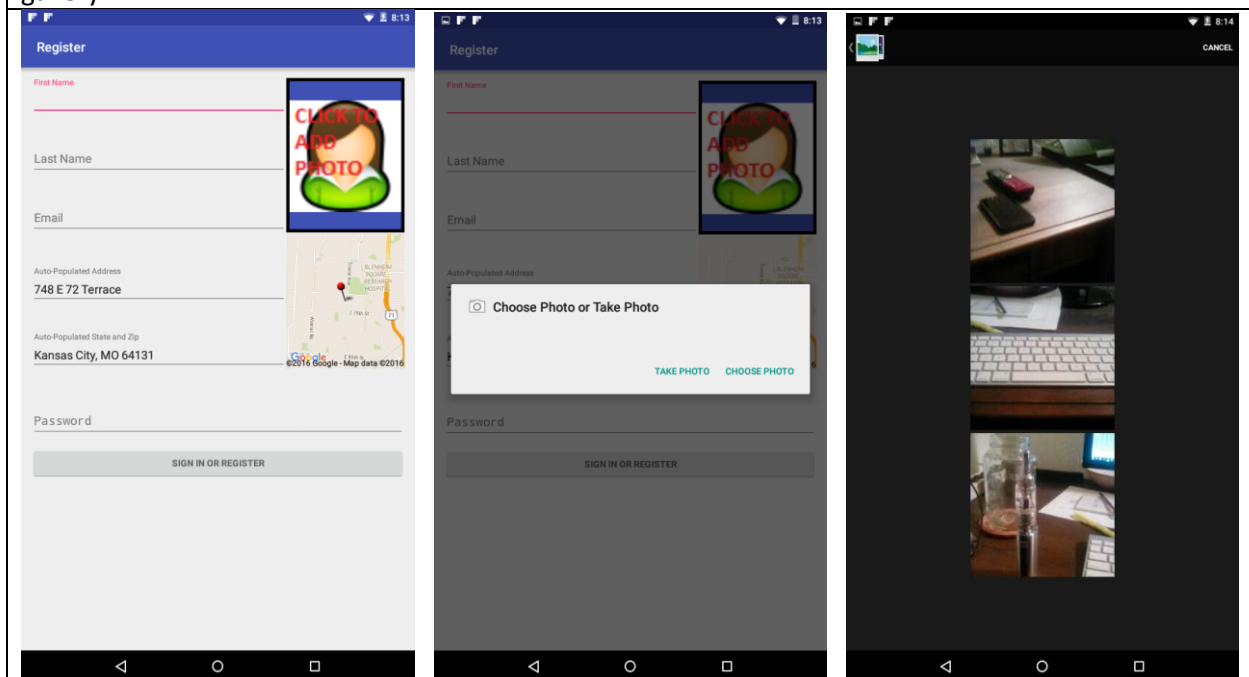
Luke McDuff

Lab Report 2-1 (Android Part 2)

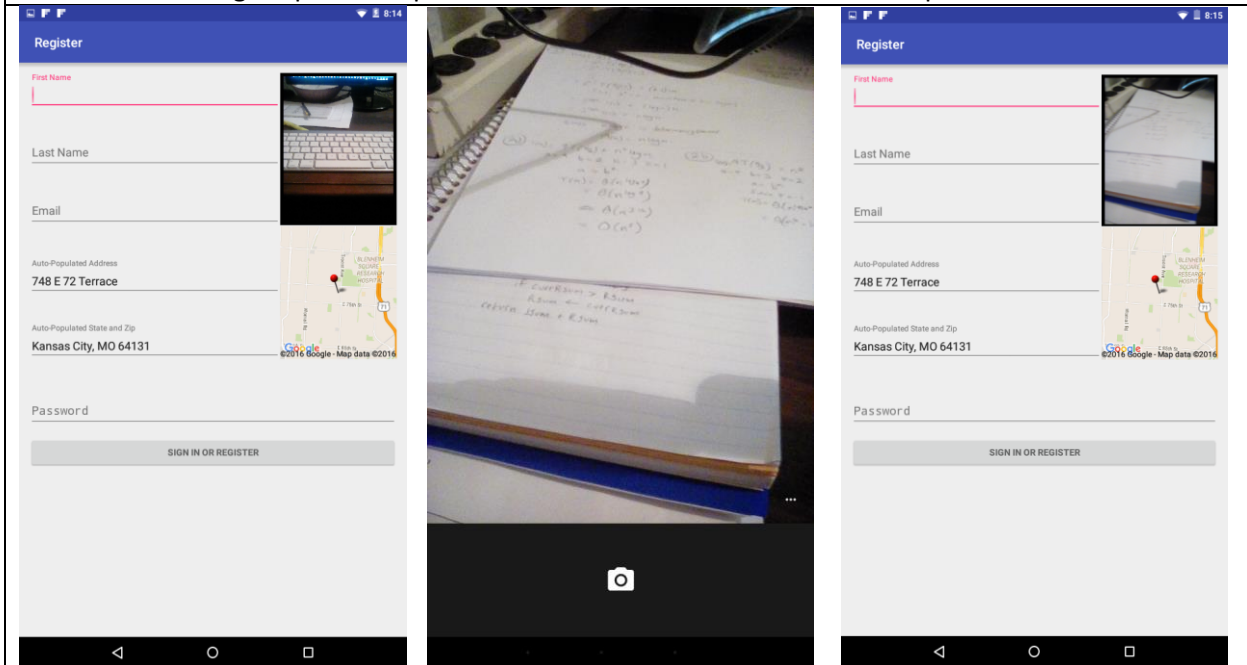
2/10/2016

For this lab I created a registration page where a user can choose to add a photo of themselves, either by taking a picture or importing a picture from their gallery. Another feature is that when the page is loaded the GPS location is captured, a map displays where the user is currently located, and the address is populated based on the location reading. The location was pretty accurate, the house number is only a few houses off, but everything else was correct with the address. The user is allowed to edit the address once it is imported.

When the user clicks on the person icon they are prompted with a menu asking them to take a photo or choose photo. In this case the user selected the choose photo button and were taken to the gallery.



If the user clicks on the photo that was just imported from the gallery they are then asked again via same pop up menu if they would like to take a photo or choose a photo. In this case below the user selected take photo, which they took a photo of the current algorithm assignment they were working on. In the last image capture the photo taken is now the new user's current photo.



Finally if you look at the map in the previous screen shot and compare to this one you will notice we have zoomed out. The map image here is actually a fragment that is fully functioning with zoom in/out capabilities. I learned a lot about creating camera and gallery intents and working with GPS. I also learned GPS works best for non-3G/LTE connected tablets to use the LocationManager.NETWORK\_PROVIDER settings as opposed to GPS\_PROVIDER.

