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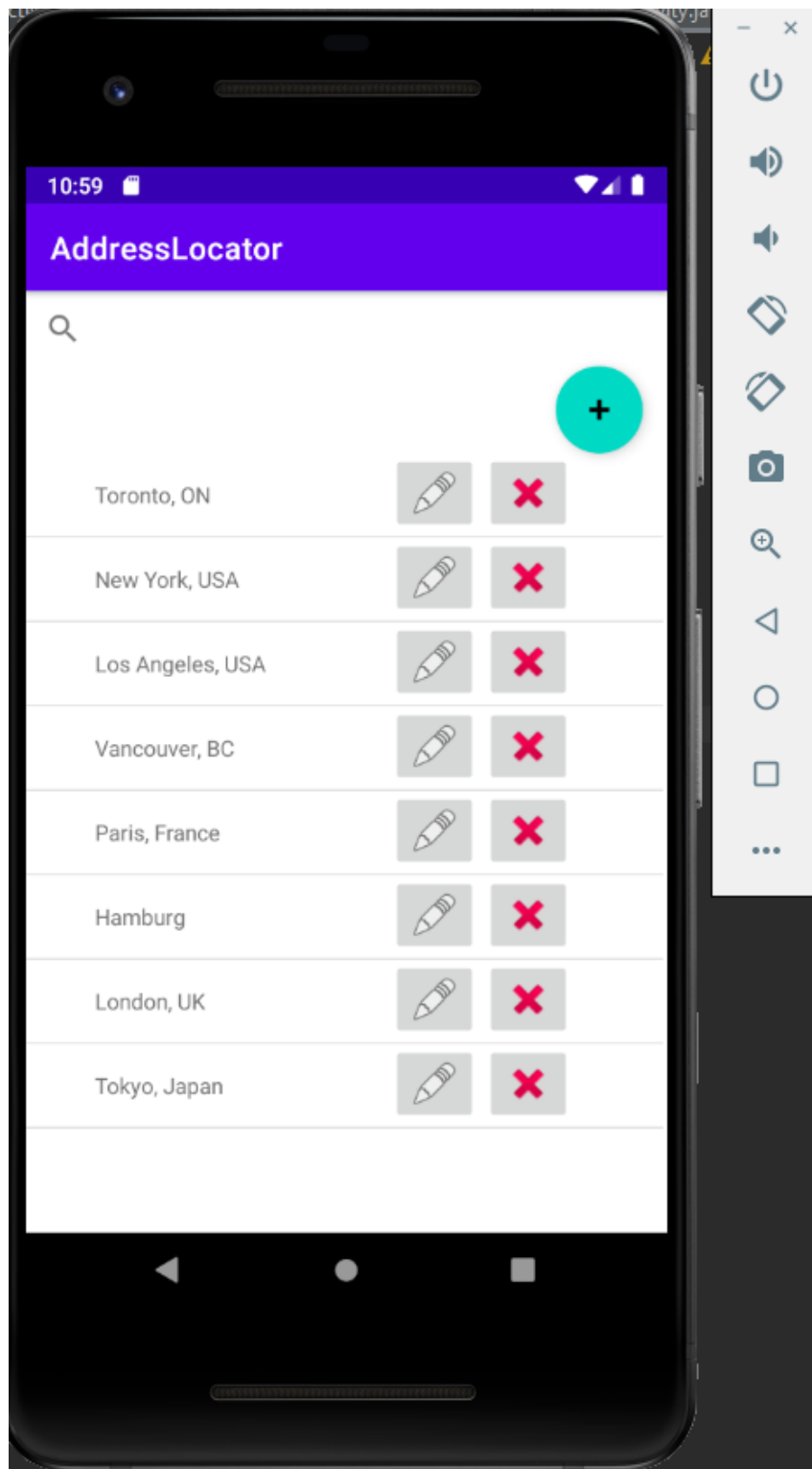
Student ID: 100672228

Mobile Application Assignment #2 - Report

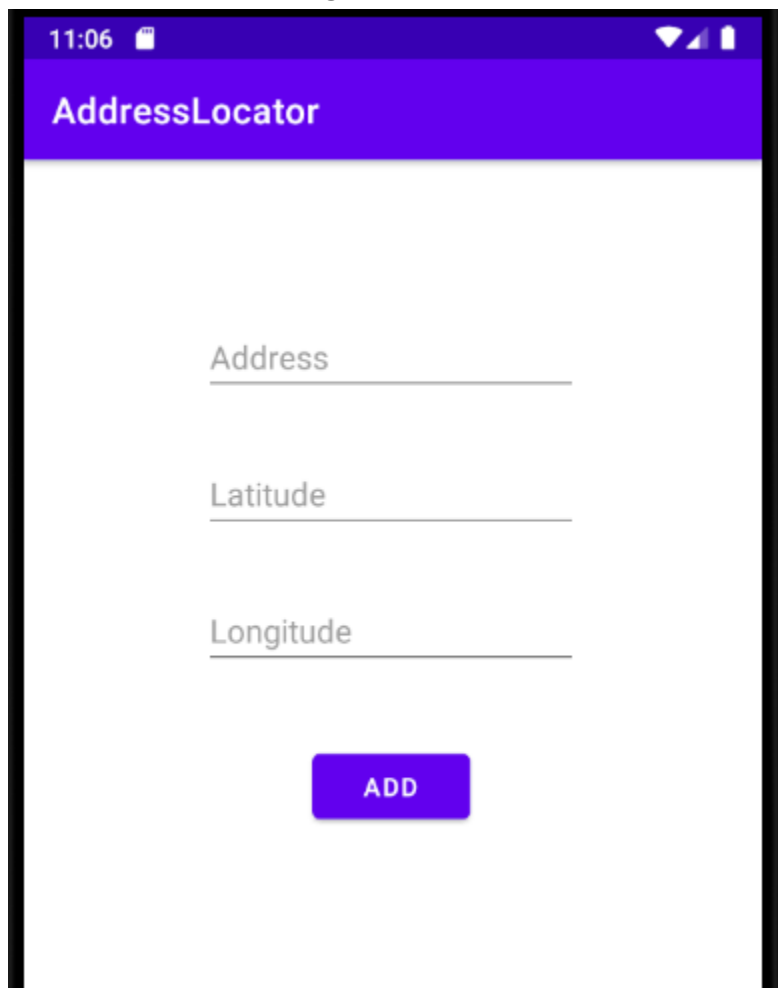
This report outlines the steps taken to create the address locator application. The Geocoder class was not working properly because it requires a google API to process queries. When running the `isPresent()` function, it was giving "false" indicating it's not functional. Locations were entered manually to the app. The app provides an interface where you can view all locations in the database. You have the ability to Add new locations to the database by clicking on the "+" icon which launches a new activity to enter address, latitude and longitude. Additionally, you have the ability to Edit the location which opens an activity to change the address, latitude and longitude. You may also delete the location from the database if you wish to do so. Lastly, you can use the search function to search for any address in the database. Please see screenshots below.

Github: <https://github.com/Zayedkz/address-locator>

Layout View:

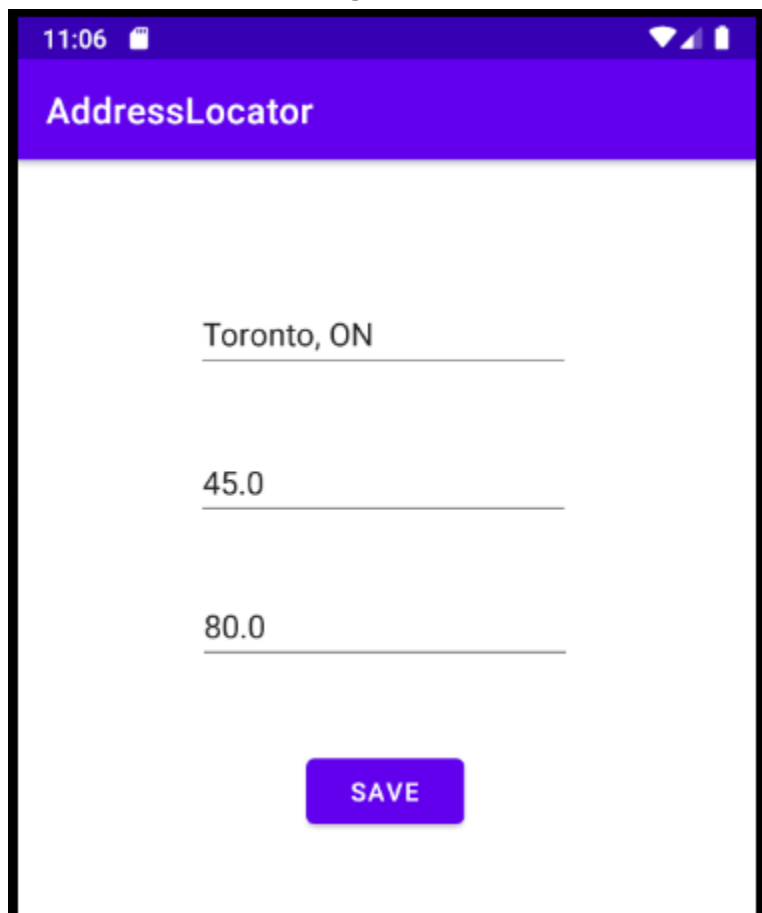


Adding a new location:



The screenshot shows an Android application interface. At the top, a status bar displays the time 11:06 and icons for signal, Wi-Fi, and battery. Below this is a red header bar with the text "AddressLocator" in white. The main content area is white and contains three text input fields, each with a light gray placeholder label: "Address", "Latitude", and "Longitude". These labels are positioned above their respective input lines. At the bottom center of the form is a red button with the word "ADD" in white capital letters.

Editing a location:



The screenshot shows a mobile application interface for editing a location. At the top, a status bar displays the time 11:06 and various icons. Below this is a red header bar with the text "AddressLocator". The main content area is white and contains three text input fields. The first field is labeled "Toronto, ON". The second field contains the value "45.0". The third field contains the value "80.0". At the bottom of the form is a red button with the text "SAVE".

11:06

AddressLocator

Toronto, ON

45.0

80.0

SAVE

Searching for location:

