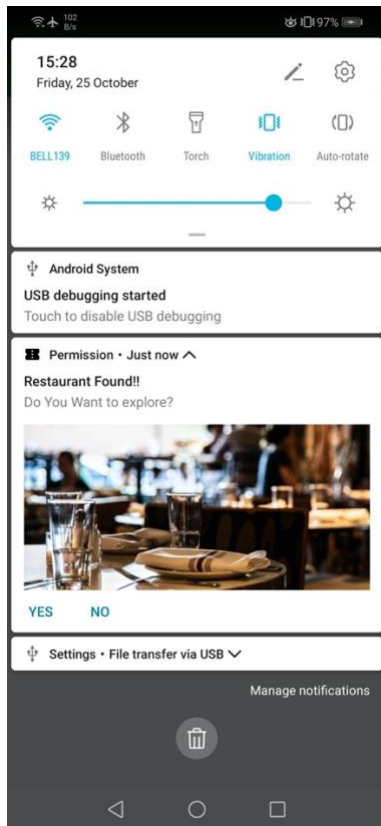
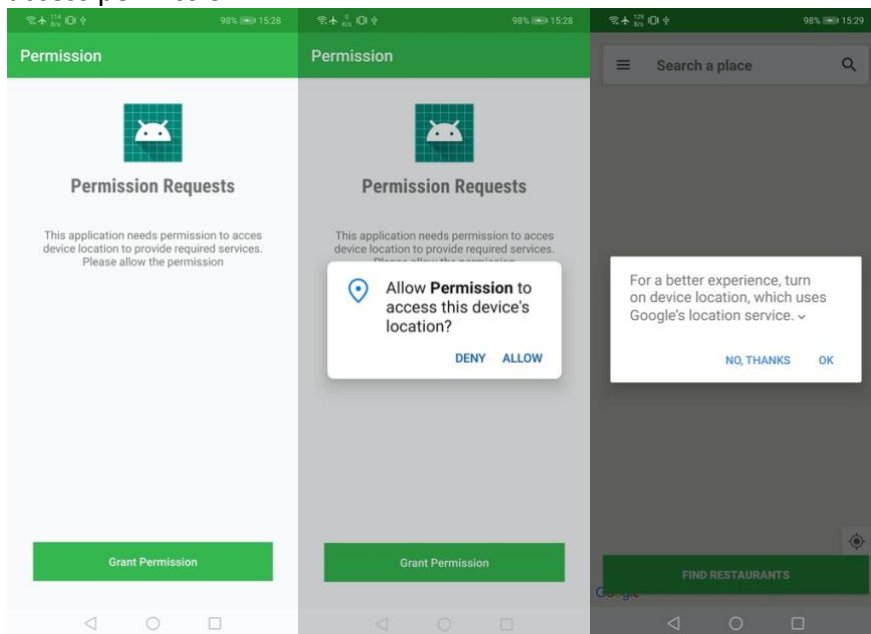


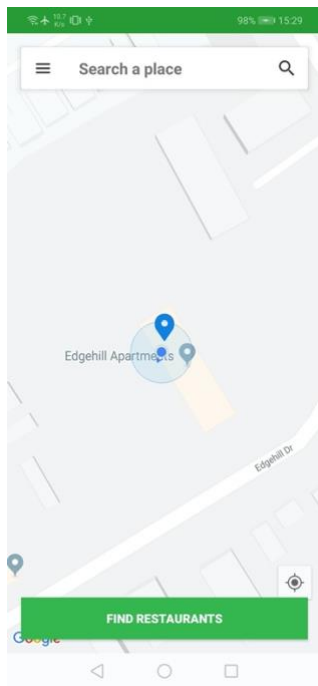
Pub finder is an android application where people can find restaurant in his/her area based on location. First of all, when a user tap click me button, it'll confirm the user available restaurant as a notification. If user press click me button (Action), the app will take user to the map to see the available restaurant. Here an expandable image notification has been created.



If a user press Tap, it'll take to the permission page where a user has to give the user location access permission.



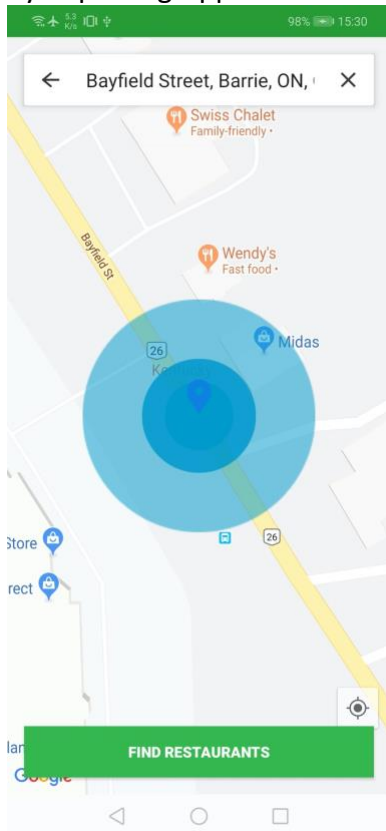
If the user accepts the request, then it'll take him to the map area. Here a user can search for any restaurant location from the search bar. I've used material search bar library for the search bar of the map. GPS icon on bottom right corner will give a user current location. If a user navigates, the navigation icon will also move depending on the direction



If a user searches a location, the location pin will point the location.



If a user press find restaurant, a ripple effect will generate around the pin point. This's been done by importing ripple effect library.



The application fetch user's current location using the latest Fused API Location Provider from Google Maps API. Also, as the user types an address, suggestions are shown for nearby places using Google Autocomplete Places API from the latest Places SDK for Android. The Places SDK that was part of the Google Play Services is now being deprecated by Google in 2019, so I have used the latest Standalone Places SDK provided by Google. I have also added checks to turn on location settings, and Run-time Permissions for location access, introduced in Android Marshmallow.