Assignment 5: Geo Tagging Note App

For this assignment, the goal is to develop a Geotagging Note App.

The App should provide the following functionality:

- Find a way to create notes. You have to make the app to store notes, the location (lat, long) where the note was done, and the location method used.
- The app must provide a way to see let the user see all the notes, and when the user selects a note, the app should show on a map the location where the note was written.

An entry in our GeoTagging app is made of the following:

- An id: an integer. Each entry has an unique id
- A Subject: A string of max of 60 characters that represents the subject of the note
- An Entry: Text of the diary's entry. For the purpose of the assignment, you will be storing up to 420 characters
- Location (latitude, longitude): It's up to you if you want to store this data as two numbers or a string.
- Location Method: The type of method used to obtain the location (e.g., GPS, Network-based)
- Date of creation: The date when the entry was created. This is open to you. You can choose to store the date as a string or as a long integer.

Design Constraint: The application should make use of SQLite databases to create/retrieve the info in the diary. The app should make use of LocationListener to register the location of the user, and show on map with a marker the info. When the user clicks on the marker, the app displays the note.

What to submit?: Source code of the app, a document explaining your design/how your app works.