

```

package cs2340.gatech.edu.rat_tracker.model;

import android.util.Log;

import com.google.firebase.database.DataSnapshot;
import com.google.firebase.database.DatabaseError;
import com.google.firebase.database.DatabaseReference;
import com.google.firebase.database.FirebaseDatabase;
import com.google.firebase.database.ValueEventListener;

import java.util.ArrayList;

/**
 * Created by dayynn on 9/28/17.
 */

public class Model {
    private static final Model ourInstance = new Model();

    public static Model getInstance() {
        return ourInstance;
    }

    private ArrayList<RatSighting> rats = new ArrayList<>();
    private FirebaseDatabase database;
    private final String TAG = "Model: ";

    /**
     * Other business logic methods in Model
     */

    /**
     Method Contract
     Signature: - parseLocationType(parseme : String) : LocationType
     Precondition: Parameter parseme is not null
     Postcondition: LocationType equivalent to the parseme String is returned
     Invariant: LocationType is an enum with a unique, unchanging String description
     Frame condition: returns null if the input String is not a valid LocationType
value
    */
    private LocationType parseLocationType(String parseme) {
        LocationType retval = null;
        for (LocationType location: LocationType.values()) {
            if (location.toString().equals(parseme)) {
                retval = location;
            }
        }
        return retval;
    }
}

```