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# Motoparking

Find your nearest motorcycle parking



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Package Name

[com.acktos.motoparking](http://com.acktos.motoparking)

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PACKAGE NAME: COM.ACKTOS.MOTOPARKING

### 📞 MOTORCYCLE PARKING'S ARE FREE?

Currently, in Bogota, many motorcyclists unknown motorcycle parking that are free, or that handle a low rate for motorcycle. Finding a parking providing service for motorcycle often complicated and if we find we do not know what kind of treatment given to the bikes in place.

Motoparking born as a solution for motorcyclists are located in Bogota, displaying information about parking lots that are free for motorbikes. It is designed for higher versions of Android 4.0.

The application displays the closest to the current position of the user parking, we can filter by price (free, fixed). Besides, the detail of the parking we can see a photograph, managed prices, hours of operation and star rating.

## ADDITIONAL

### 📍 UPLOAD MY PARKING AND SHARE

Motoparking users can upload their parking site, details of parking and parking data sharing in social networks, whatsapp, etc.



## SplashScreen

Loading Screen Parking Information.



## Map

View map with near parkings, the user is located by geolocation.



## Filter

The user can filter by free parkings or parkings with standard rate.



## Touch marker

The user touch a marker and show the address from parking, and can see more of this parking.



## Detail

Parking details. Prices, schedule, comments and rating.



## Rating

The user can view comments and calcifications for other users about this parking.



## Calification

The user can post her own calification and comment about this parking.



## Share

Can share parking details in social networks, whatsapp, etc.

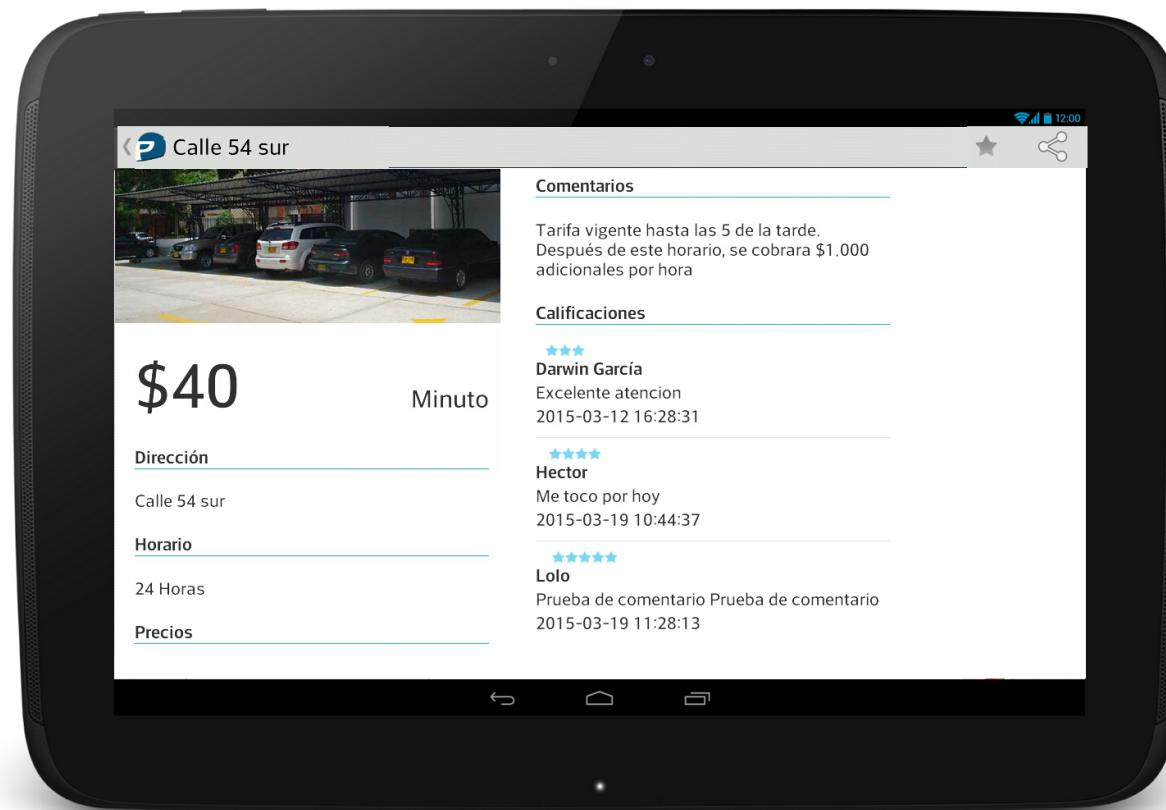


## Add my parking

The user can add her own parking begin with the location.

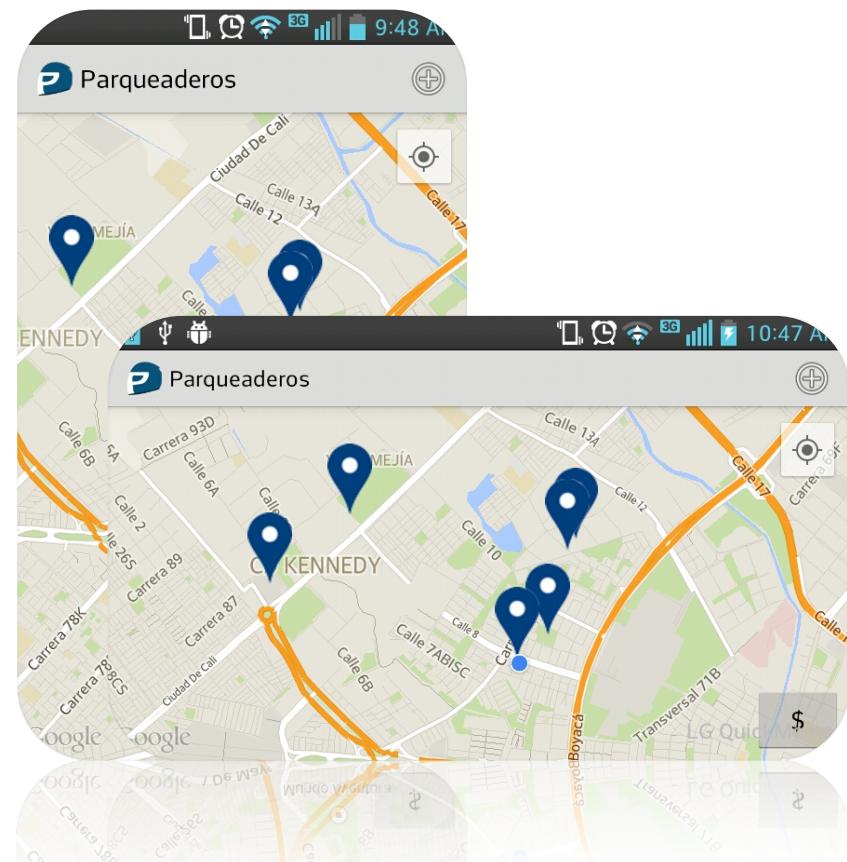
## Add details parking

Add the parking details, price, schedule, prices and main image.



## TABLET DESIGN

The tablet design based in fragments, the left side shows the image and the detail from parking. The right side shows the comment list about the parking and the ratings.



## Rotate Screens Change

The app have a responsive design, which allow the rotate screens in the device and work properly with the app lifecycle.

## ANDROID PERMISSIONS

### INTERNET

Allow app the connection to Internet for open network sockets, to communicate the app with the web server in python-django.

### ACCESS NETWORK STATE

The app can access information about the network.

### READ EXTERNAL STORAGE

Allow the read of file .txt of parkings in app.

### WRITE EXTERNAL STORAGE

Write the list of parkings in a file .txt for the app.

### ACCESS COARSE LOCATION

Allow the geolocation of the user by cell towers or Wifi.

### ACCESS FINE LOCATION

Allow the geolocation of the user by GPS, cell towers or Wifi.

The screenshot shows the Android Studio interface with the following details:

- Title Bar:** ContentProvider.java - [app] - Motoparking - [/Studio/Motoparking]
- Project Structure:** Shows the package structure: com.acktos.motoparking (controllers, helpers, models, util), res (drawable, layout), and a build variants section.
- Content Provider Class:** ContentProvider.java
 

```

package com.acktos.motoparking;

import android.content.ContentValues;
import android.content.UriMatcher;
import android.database.Cursor;
import android.database.sqlite.SQLiteDatabase;
import android.net.Uri;
import android.util.Log;

import com.acktos.motoparking.helpers.Database;

public class ContentProvider extends android.content.ContentProvider {

    private Database MBD;
    SQLiteDatabase SQLDB;
    private static final String NOMBRE_CP = "content.provider.parkings";

    private static final int PARKINGS = 1;
    private static final int PARKINGS_ID = 2;
    private static final UriMatcher uriMatcher = new UriMatcher(UriMatcher.NO_MATCH);
    static{
        uriMatcher.addURI(NOMBRE_CP, "parkings", PARKINGS);
        uriMatcher.addURI(NOMBRE_CP, "parkings#", PARKINGS_ID);
    }

    @Override
    public String getType(Uri uri) { return null; }

    @Override
    public boolean onCreate() {
        MBD = new Database(getContext());
        return true;
    }

    @Override
    public Uri insert(Uri uri, ContentValues values) {
      
```
- Toolbars and Bottom Navigation:** Includes icons for TODO, Android, Terminal, Messages, Event Log, Gradle Console, and Memory.

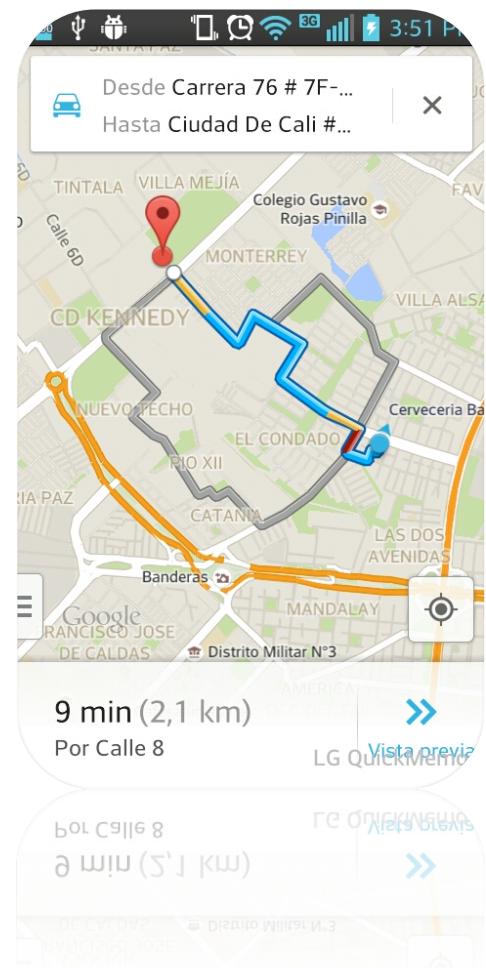
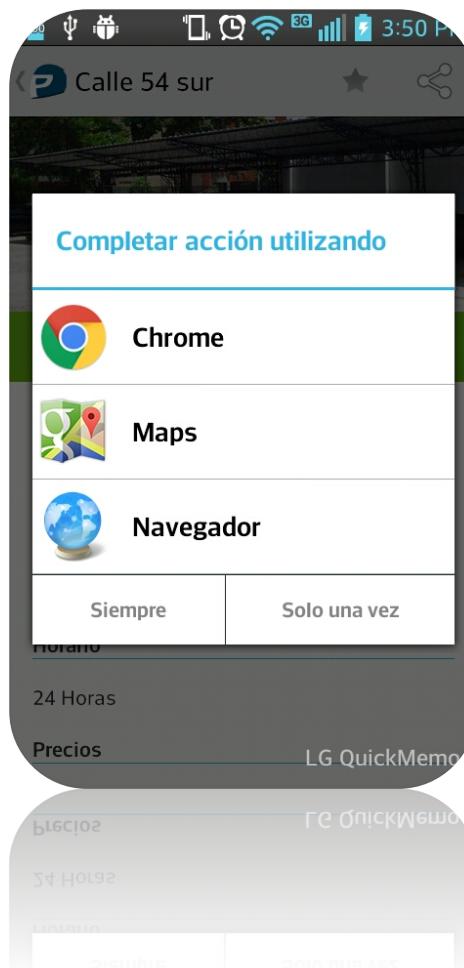
## CONTENT PROVIDER

The content provider manage access to a structured set of data. In the app, the content provider is call ContentProvider and manage the data of parkings that are saved in a database.



## Intent (Share)

Through this intent, the user can share the parking information to other users, in these images, share the details of parking to another user in whatsapp.



## Google Maps Route

Through this option, the user can view the route to the parking from its current location.