Configuración endpoint en servidor

Implementación servicio POST Registro dispositivos y cuentas instagram

El servicio se implementó con Heroku y NodeJS

URL POST

https://secret-beyond-94805.herokuapp.com/registrar-usuario

datos de entrada

- ✓ Token
- √ id_usuario_instagram

Configuración servicio en Heroku con nodeJS

```
var express = require('express');
var app = express();
app.set('port', (process.env.PORT || 5000));
var bodyParser = require("body-parser");
app.use(bodyParser.json()); //soporte para codificar json
app.use(bodyParser.urlencoded({ extended: true })); //soporte para decodificar las url

var firebase = require("firebase");
firebase.initializeApp({
    serviceAccount: "miuser",
    databaseURL: "urlDatabase"
});

app.use(express.static(__dirname + '/public'));
```

```
// views is directory for all template files
app.set('views', __dirname + '/views');
app.set('view engine', 'ejs');
app.get('/android', function(request, response) {
response.render('pages/index');
});
//Service POST
//https://secret-beyond-94805.herokuapp.com/registrar-usuario
//token
//registrar-usuario
var tokenDevicesURI_RegisterUser = "registrar-usuario";
app.post('/' + tokenDevicesURI_RegisterUser, function(request, response){
        var token = request.body.token;
        var id_usuario_instagram = request.body.id_usuario_instagram;
        var db = firebase.database();
        var tokenDevices = db.ref(tokenDevicesURI_RegisterUser).push();
        tokenDevices.set({
               token: token,
               id usuario instagram: id usuario instagram
        });
        var path = tokenDevices.toString(); //https://petagram-9e8df.firebaseio.com/registrar-
usuario/-KfX73UtIpfgtOiwC2CF
        var pathSplit = path.split(tokenDevicesURI RegisterUser + "/");
        var idAutoGenerado = pathSplit[1];
        var respuesta = generarRespuestaRegisterUser(db, idAutoGenerado);
        response.setHeader("Content-Type", "application/json");
        response.send(JSON.stringify(respuesta)); //imprime en json pero formato string
        //response.send(request.body.token);
```

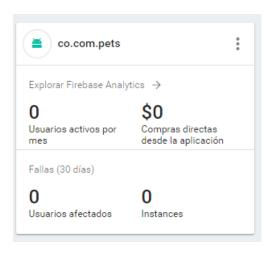
```
function generarRespuestaRegisterUser(db, idAutoGenerado){
       var respuesta = {};
        var usuario = "";
        var ref = db.ref("registrar-usuario");
        ref.on("child added",function(snapshot, prevChildKey){
               usuario = snapshot.val();
               respuesta = {
                       id: idAutoGenerado,
                       token: usuario.token,
                       id_usuario_instagram: usuario.id_usuario_instagram
               }
       });
        return respuesta;
}
app.listen(app.get('port'), function() {
 console.log('Node app is running on port', app.get('port'));
});
Para finalizar se realiza despliegue del servicio a Heroku.
        git commit -m "Implementando servicio POST "
        git push heroku master
```

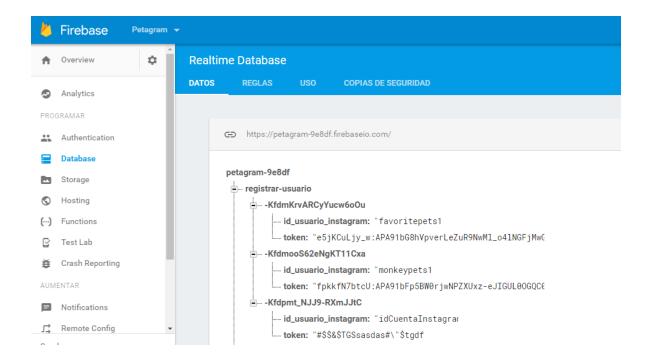
Almacenamiento datos

Se hace uso de la Base de datos en FIREBASE

Pasos

- 1. Se realiza registro del paquete
 - a. co.com.pets

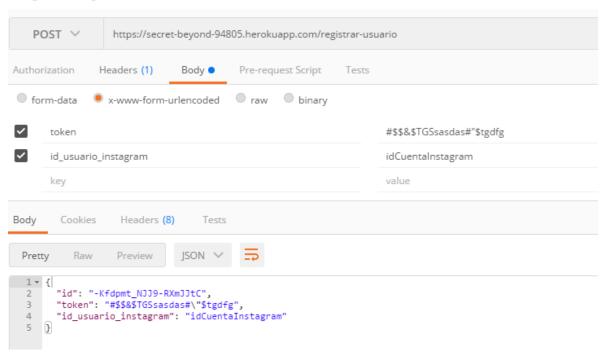




Consumiendo servicio POST en heroku

Resultado

▶ RegistrarInstagram



Implementado la app en proyecto android

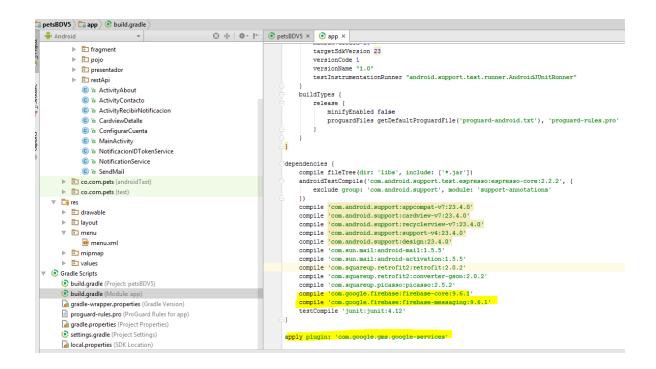
1. configuración librerías

```
petsBDV5 💽 build.gradle
                                                   # Android
                                                                        // Top-level build file where you can add configuration options common to all sub-p
          Figure 1
          ▶ io pojo
                                                                        buildscript {
          ▶ i presentador
                                                                           repositories {
          ▶ i restApi
                                                                               jcenter()
             © a ActivityAbout
             C & ActivityContacto
                                                                           dependencies {
             © a ActivityRecibirNotificacion
                                                                                classpath 'com.android.tools.build:gradle:2.2.3'
                                                                         classpath 'com.google.gms:google-services:3.0.0'
             CardviewDetalle
             ConfigurarCuenta
                                                                                // NOTE: Do not place your application dependencies here; they belong // in the individual module build.gradle files \,
             © a MainActivity
             © a NotificacionIDTokenService
             © a NotificationService
             © 🚡 SendMail
                                                                        allprojects {

    co.com.pets (androidTest)

      co.com.pets (test)
                                                                               icenter()
    ▼ 🛅 res
       ▶ a drawable
       ▶ layout
                                                                        task clean(type: Delete) {
       ▼ 🛅 menu
                                                                           delete rootProject.buildDir
             menu.xml
       ▶ imipmap
       ▶ □ values
    Gradle Scripts
       ( huild gradle (Module: app)
```

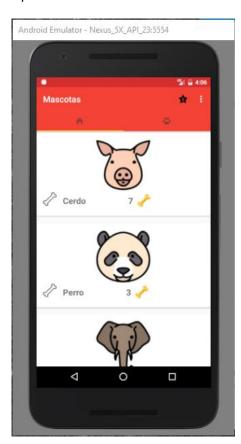
```
petsBDV5 🗀 app 🕽 📀 build.gradle
                                                     Android
            fragment
                                                                                     targetSdkVersion 23
          ▶ i pojo
                                                                                     versionCode 1
          presentador
                                                                                     versionName "1.0"
                                                                                     testInstrumentationRunner "android.support.test.runner.AndroidJUnitRunner"
          ► i restApi
             © & ActivityAbout
                                                                                buildTypes {
             © 🚡 ActivityContacto
                                                                                    release {
             © & ActivityRecibirNotificacion
                                                                                         minifyEnabled false
                                                                                        proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
             CardviewDetalle
             ConfigurarCuenta
             © % MainActivity
             © To NotificacionIDTokenService
             © 🖰 NotificationService
                                                                            dependencies {
             C 🕏 SendMail
                                                                                compile fileTree(dir: 'libs', include: ['*.jar'])
                                                                                androidTestCompile('com.android.support.test.espresso:espresso-core:2.2.2', {
   exclude group: 'com.android.support', module: 'support-annotations'
      ▶ co.com.pets (androidTest)
       co.com.pets (test)
    ▼ 📑 res
                                                                                compile 'com.android.support:appcompat-v7:23.4.0'
      compile 'com.android.support:cardview-v7:23.4.0'
compile 'com.android.support:recyclerview-v7:23.4.0'
       ▶ i layout
       ▼ 🛅 menu
                                                                                compile 'com.android.support:support-v4:23.4.0'
                                                                                compile 'com.android.support:design:23.4.0'
             menu.xml
       ▶ imipmap
                                                                                compile 'com.sun.mail:android-mail:1.5.5'
                                                                                 compile 'com.sun.mail:android-activation:1.5.5'
       values
                                                                                compile 'com.squareup.retrofit2:retrofit:2.0.2'
 compile 'com.squareup.retrofit2:converter-gson:2.0.2'
       build.gradle (Project: petsBDV5)
                                                                                compile 'com.squareup.picasso:picasso:2.5.2
       build.gradle (Module: app)
                                                                                compile 'com.google.firebase:firebase-core:9.6.1'
compile 'com.google.firebase:firebase-messaging:9.6.1'
       gradle-wrapper.properties (Gradle Version)
                                                                                testCompile 'junit:junit:4.12'
       proquard-rules.pro (ProGuard Rules for app)
       gradle.properties (Project Properties)
       settings.gradle (Project Settings)
                                                                            apply plugin: 'com.google.gms.google-services'
       local.properties (SDK Location)
```



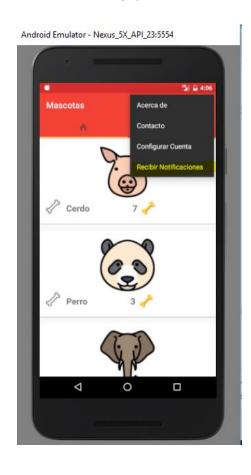
Resultado aplicación

Registro Dispositivo y cuenta instagram

Aplicación



Menú



Pantalla recibir notificación



Cuentas registradas en BD

