

## Firebase

Go to: <https://console.firebaseio.google.com/>

Welcome back to Firebase

Continue building your apps with Firebase using some of the resources below.

[Documentation](#) [Sample code](#) [API reference](#) [Support](#)

Projects using Firebase

[CREATE NEW PROJECT](#) [IMPORT GOOGLE PROJECT](#)

Project Name	URL	Apps
talepisfirebase1	talepisfirebase1.firebaseio.com	1 app
talepisfirebase2	talepisfirebase2.firebaseio.com	1 app

google-services (1).json

Overview

Analytics

DEVELOP

- Auth
- Database
- Storage
- Hosting
- Remote Config
- Test Lab
- Crash

GROW

- Notifications
- Dynamic Links

EARN

Spark Free [UPGRADE](#)

Your mobile apps

App	Platform	Status
com.talepis.pc2071.fbtest1	Android	Active

Explore Firebase Analytics →

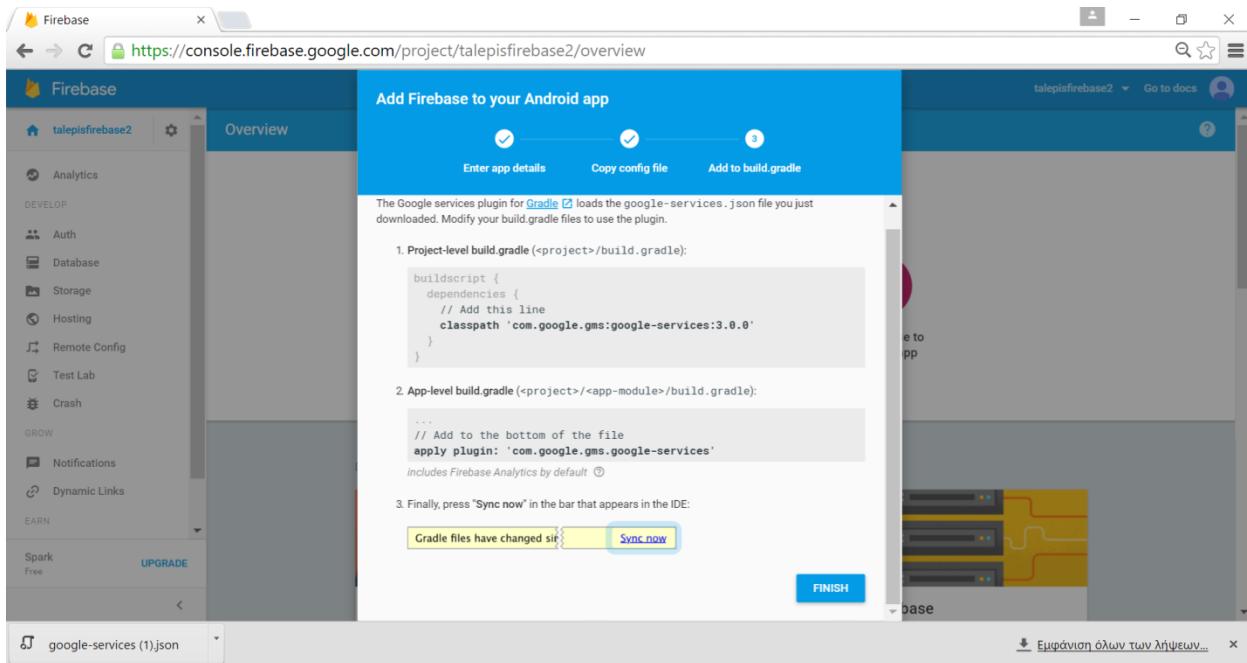
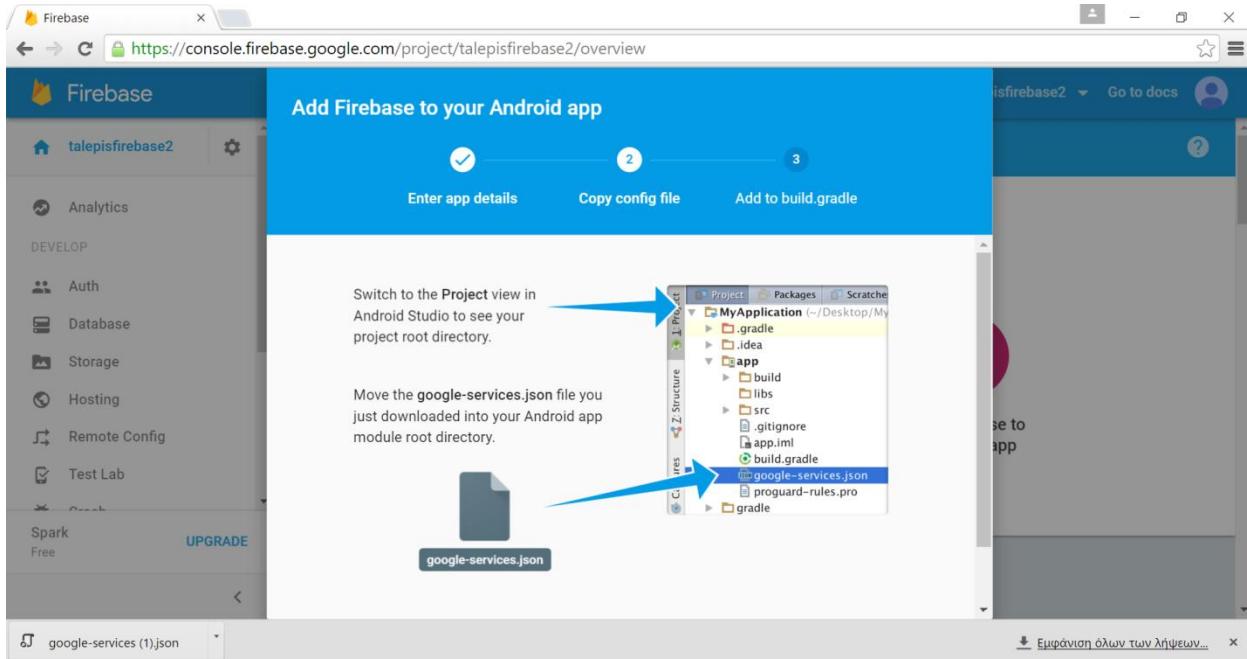
Monthly active users	In-app purchases
0	\$0

Crashes (30 days)

Users impacted	Errors
0	0

Discover Firebase

google-services (1).json



Firebase

https://console.firebaseio.google.com/project/talepisfirebase2/database/data/

Firebase

talepisfirebase2 Go to docs

Realtime Database

DATA RULES

Analytics

DEVELOP

Auth

Database

Storage

Hosting

Remote Config

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Spark Free UPGRADE

google-services (1).json

https://talepisfirebase2.firebaseio.com/

talepisfirebase2: null

Store and sync data in realtime across all connected clients

Learn more

Εμφάνιση όλων των λήψεων...

This screenshot shows the Firebase Realtime Database console. The left sidebar lists various services: Analytics, Auth, Database (selected), Storage, Hosting, Remote Config, Test Lab, Crash, GROW, Notifications, Dynamic Links, and EARN. A 'Spark Free' plan is active. The main area is titled 'Realtime Database' with tabs for 'DATA' and 'RULES'. Below the tabs, it says 'talepisfirebase2: null'. A yellow circular icon with a server and network lines is displayed. Text below the icon reads 'Store and sync data in realtime across all connected clients' with a 'Learn more' link. At the bottom right, there's a download link for 'Εμφάνιση όλων των λήψεων...'.

Firebase android - Error: Execution

https://console.firebaseio.google.com/project/talepisfirebase2/database/rules

Firebase

talepisfirebase2 Go to docs

Realtime Database

DATA RULES

Analytics

DEVELOP

Auth

Database

Storage

Hosting

Remote Config

Test Lab

Crash

GROW

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Spark Free UPGRADE

google-services (1).json

Rules published

SIMULATOR

```
1 > {
2 >   "rules": {
3 >     ".read": "auth != null",
4 >     ".write": "auth != null"
5 >   }
6 > }
```

Εμφάνιση όλων των λήψεων...

This screenshot shows the Firebase Realtime Database console with the 'RULES' tab selected. The left sidebar is identical to the previous screenshot. The main area displays a JSON rules file:  
1 > {  
2 > "rules": {  
3 > ".read": "auth != null",  
4 > ".write": "auth != null"  
5 > }  
6 > }  
A green checkmark icon and the text 'Rules published' are visible at the top right. A 'SIMULATOR' button is also present. At the bottom right, there's a download link for 'Εμφάνιση όλων των λήψεων...'.

fbtest1 - [D:\Dropbox\Dropbox\AndroidStudio\fbtest1] - fbtest1 - Android Studio 2.1.2

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

fbtest1 build.gradle

activity\_main.xml MainActivity.java fbtest1 app

```
// Top-level build file where you can add configuration options common to all sub-projects/modules.

buildscript {
    repositories {
        jcenter()
    }
    dependencies {
        classpath 'com.android.tools.build:gradle:2.1.2'
        classpath 'com.google.gms:google-services:3.0.0'

        // NOTE: Do not place your application dependencies here; they belong
        // in the individual module build.gradle files
    }
}

allprojects {
    repositories {
        jcenter()
    }
}

task clean(type: Delete) {
    delete rootProject.buildDir
}
```

captures Build Variants Favorites

Android Monitor Messages Terminal Run TODO Event Log Gradle Console

Gradle build finished in 25s 959ms (4 minutes ago) 9:57 CRLF UTF-8 Context: <no context>

fbtest1 - [D:\Dropbox\Dropbox\AndroidStudio\fbtest1] - app - Android Studio 2.1.2

File Edit View Navigate Code Analyze Refactor Build Run Tools VCS Window Help

fbtest1 app build.gradle

activity\_main.xml MainActivity.java fbtest1 app

```
defaultConfig {
    applicationId "com.talepis.pc2071.fbtest1"
    minSdkVersion 15
    targetSdkVersion 23
    versionCode 1
    versionName "1.0"
}
buildTypes {
    release {
        minifyEnabled false
        proguardFiles getDefaultProguardFile('proguard-android.txt'), 'proguard-rules.pro'
    }
}

dependencies {
    compile fileTree(dir: 'libs', include: ['*.jar'])
    testCompile 'junit:junit:4.12'
    compile 'com.android.support:appcompat-v7:23.4.0'
    compile 'com.google.firebaseio.firebaseio:firebase-database:9.0.0'
}
apply plugin: 'com.google.gms.google-services'
```

Captures Build Variants Favorites

Android Monitor Messages Terminal Run TODO Event Log Gradle Console

Gradle build finished in 25s 959ms (4 minutes ago) 26:58 CRLF UTF-8 Context: <no context>

## Android Project

```
package com.talepis.pc2071.fbtest1;

import android.support.v7.app.AppCompatActivity;
import android.os.Bundle;
import android.view.View;
import android.widget.Toast;

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

public class MainActivity extends AppCompatActivity {
    FirebaseDatabase fbdatabase;
    DatabaseReference fbref;

    @Override
    protected void onCreate(Bundle savedInstanceState) {
        super.onCreate(savedInstanceState);
        setContentView(R.layout.activity_main);
        fbdatabase=FirebaseDatabase.getInstance();
        fbref=fbdatabase.getReference("mymessage");
    }
    public void writefb(View view){
        fbref.setValue("Hello Unipi Students!");
    }
    public void readfb(View view){
        fbref.addValueEventListener(new ValueEventListener() {
            @Override
            public void onDataChange(DataSnapshot dataSnapshot) {

                Toast.makeText(getApplicationContext(),dataSnapshot.getValue().toString(),Toast.LENGTH_LONG).show();
            }

            @Override
            public void onCancelled(DatabaseError databaseError) {
            }
        });
    }
}
```