

Business Directory Firebase - Admin app - Documentation

Quick start Guide - Installation and user support

Created: April 11, 2019

Updated: April 11, 2019

By: Appseed, appseed.io

Thank you for purchasing our product. If you have any questions that are beyond the scope of this help file, please feel free to email us to our [Support Centre](#). Thank you!

Table of contents:

[What's in the Pack](#)

[Preparing your local environment \(first-time preparations\)](#)

[NodeJS](#)

[Angular CLI](#)

[Run for the first time](#)

[Install libraries](#)

[Run/Build the application \(after the first-time preparations\)](#)

[Run a local development server](#)

[Build the app for deployment](#)

[Configuration](#)

[Create a Firebase app](#)

[Set Database Permissions](#)

[Enable Firebase Storage](#)

[Firebase Data source Configuration](#)

[Deploy to Firebase](#)

[Install Firebase Command Line Tools](#)

[Sign in to Google](#)

[Initiate an empty project](#)

[Build your project](#)

[Deploy your website](#)

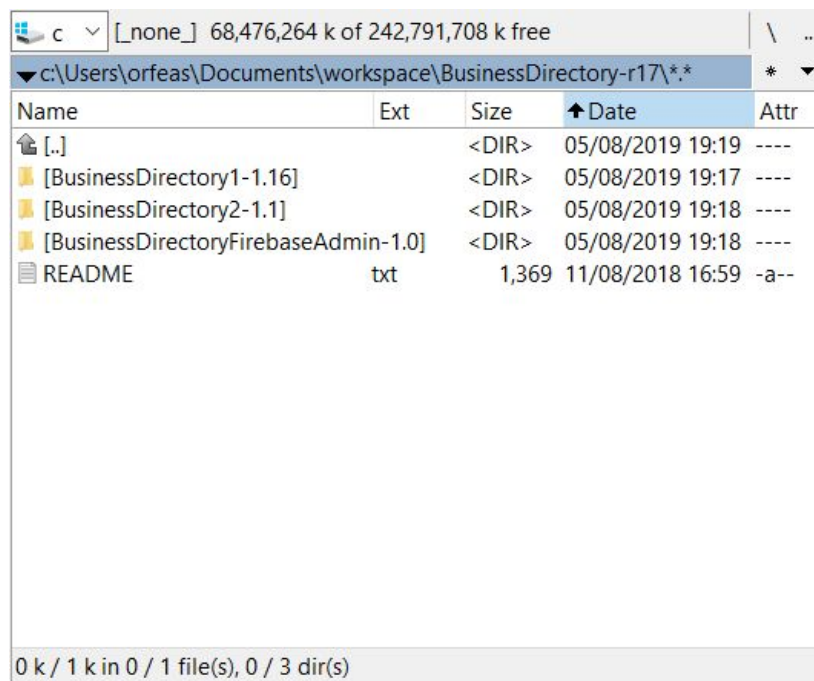
[Support](#)

[References / Links:](#)

[Thank you](#)

What's in the Pack

After extracting it, the downloaded .zip file looks like this:



It contains:

1. **BusinessDirectoryFirebaseAdmin-1.x**: Documentation and source code of the Angular Admin app.
2. **BusinessDirectory1-1.x**: Documentation and source code for the Ionic 1.x mobile app.
3. **BusinessDirectory2-1.x**: Documentation and source code for the Ionic 3.x mobile app.

This Start Guide refers to the **BusinessDirectoryFirebaseAdmin-1.x** directory and the `/project` folder in it.

Business Directory Firebase Admin web application is compatible only with the Ionic 3.x mobile app.

Preparing your local environment (first-time preparations)

NodeJS

Ensure first that [NodeJS](https://nodejs.org/en/) is installed on your computer. Please install version [8.9.4](https://nodejs.org/en/blog/release/v8.9.4/) of NodeJS. You can check your NodeJS version by executing the following command:

```
$ node --version
```

Angular CLI

This is an Angular app which uses the Angular CLI. To install it, run the following command:

```
$ npm install -g @angular/cli
```

For more information, please, check the official documentation at <https://cli.angular.io/>.

Run for the first time

Before running the project for the first time, you will need to install the required libraries.

Install libraries

Open a terminal window and navigate to `/project` directory. Install NodeJS dependencies:

```
$ npm install
```

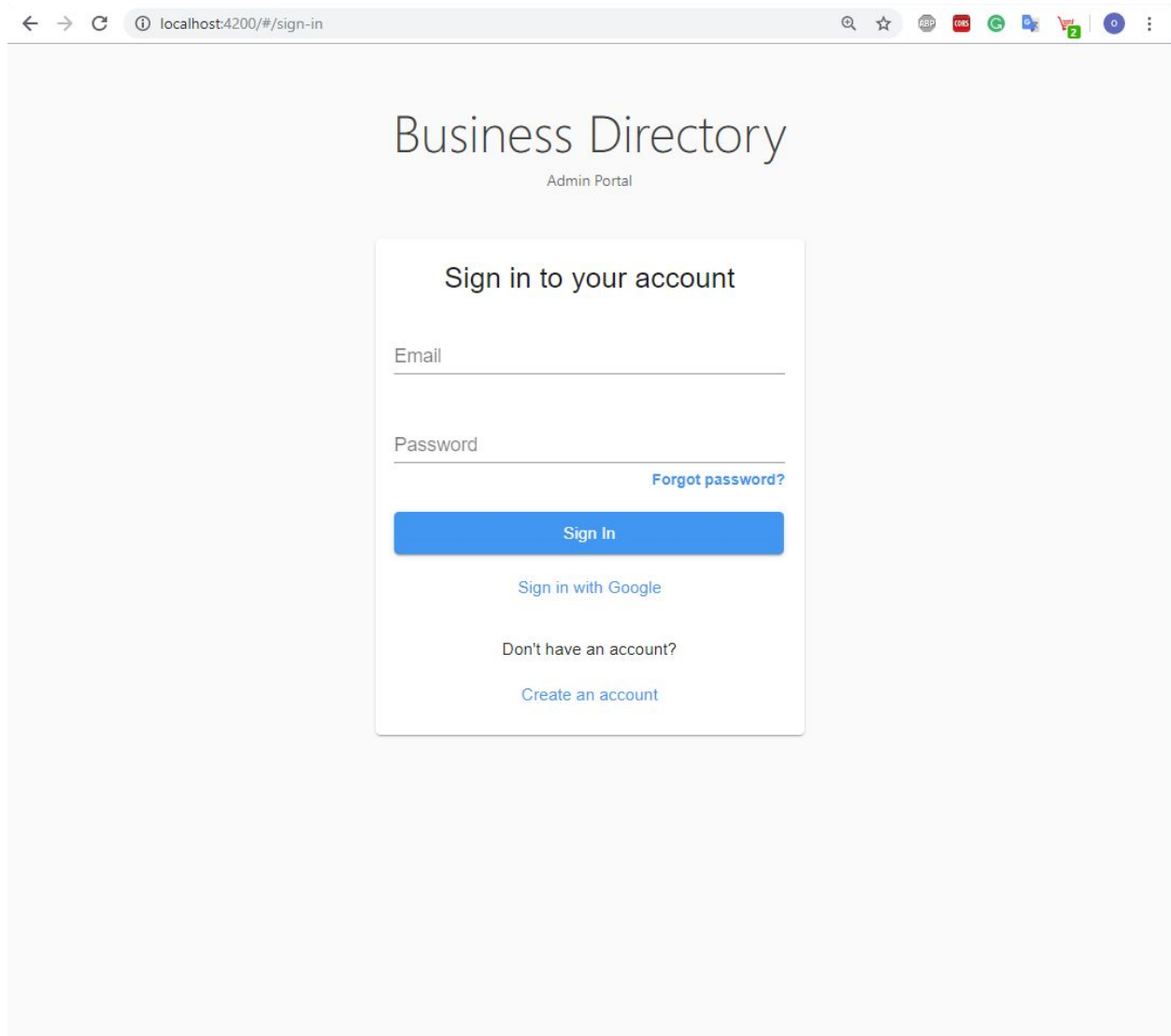
Run/Build the application (after the first-time preparations)

Run a local development server

Navigate to `/project` directory and run the application in the browser:

```
$ ng serve
```

Then, open a browser and navigate to <http://localhost:4200/> to view the app.

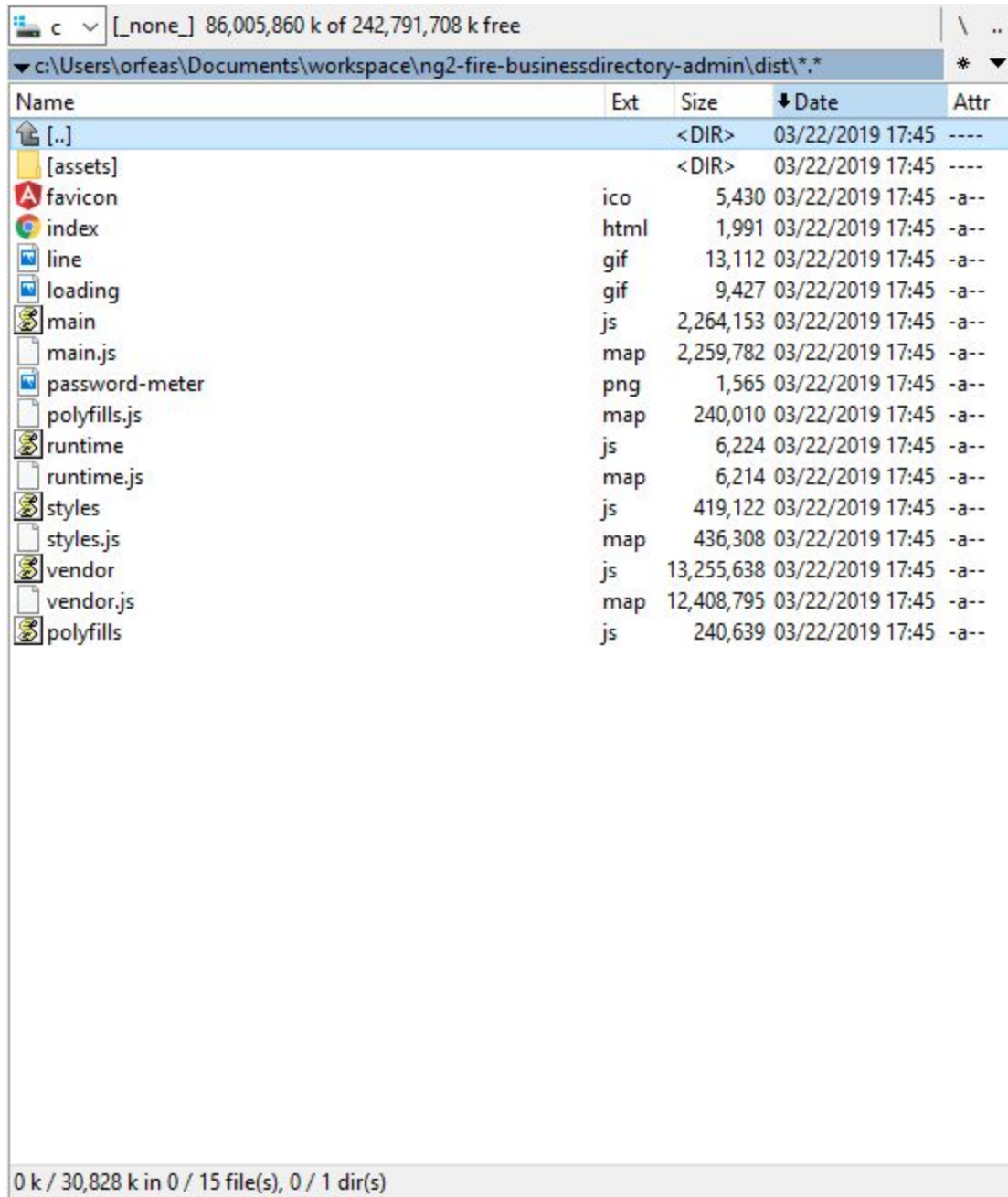


Build the app for deployment

In order to build the app, run the command:

```
$ ng build
```

After building your project, the `/dist` folder will be created inside your project's file system which can be used for deployment. Its contents should look like the following



Name	Ext	Size	Date	Attr
[..]	<DIR>		03/22/2019 17:45	----
[assets]	<DIR>		03/22/2019 17:45	----
favicon	ico	5,430	03/22/2019 17:45	-a--
index	html	1,991	03/22/2019 17:45	-a--
line	gif	13,112	03/22/2019 17:45	-a--
loading	gif	9,427	03/22/2019 17:45	-a--
main	js	2,264,153	03/22/2019 17:45	-a--
main.js	map	2,259,782	03/22/2019 17:45	-a--
password-meter	png	1,565	03/22/2019 17:45	-a--
polyfills.js	map	240,010	03/22/2019 17:45	-a--
runtime	js	6,224	03/22/2019 17:45	-a--
runtime.js	map	6,214	03/22/2019 17:45	-a--
styles	js	419,122	03/22/2019 17:45	-a--
styles.js	map	436,308	03/22/2019 17:45	-a--
vendor	js	13,255,638	03/22/2019 17:45	-a--
vendor.js	map	12,408,795	03/22/2019 17:45	-a--
polyfills	js	240,639	03/22/2019 17:45	-a--

0 k / 30,828 k in 0 / 15 file(s), 0 / 1 dir(s)

Configuration

Business Directory Firebase Admin app uses [Firebase](https://firebase.google.com/) as a backend to read/write the data content it needs. In this section, you will find all the steps required for the app setup in order to be connected with Firebase.

Create a Firebase app

First you should create a free Firebase account and create a new app there.

Add a project

Project name

Business Directory Admin

Project ID

business-directory-admin

Locations

United States (Analytics)
nam5 (us-central) (Cloud Firestore)

☒ Use the default settings for sharing Google Analytics for Firebase data

☒ Share your Analytics data with all Firebase features

☒ Share your Analytics data with Google to improve Google Products and Services

☒ Share your Analytics data with Google to enable technical support

☒ Share your Analytics data with Google to enable Benchmarking

☒ Share your Analytics data with Google Account Specialists

☒ I accept the [controller-controller terms](#). This is required when sharing Analytics data to improve Google Products and Services. [Learn more](#)

Cancel

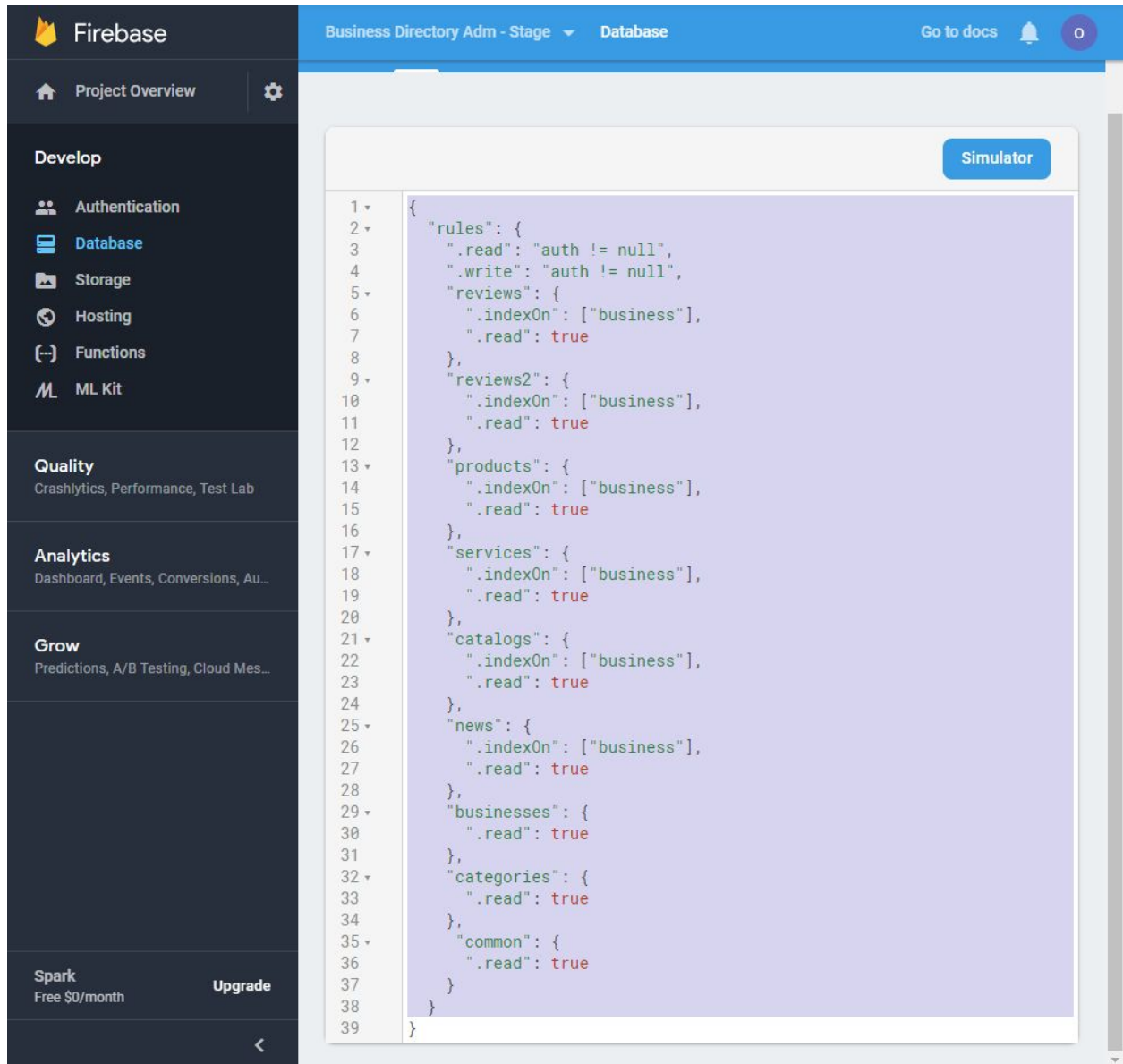
Create project

Set Database Permissions

In order to allow the app to read all the data you have created in the database, you should set the permissions by navigating to the “Rules” tab and pasting the following rules:

```
{
  "rules": {
    ".read": "auth != null",
    ".write": "auth != null",
    "reviews": {
```

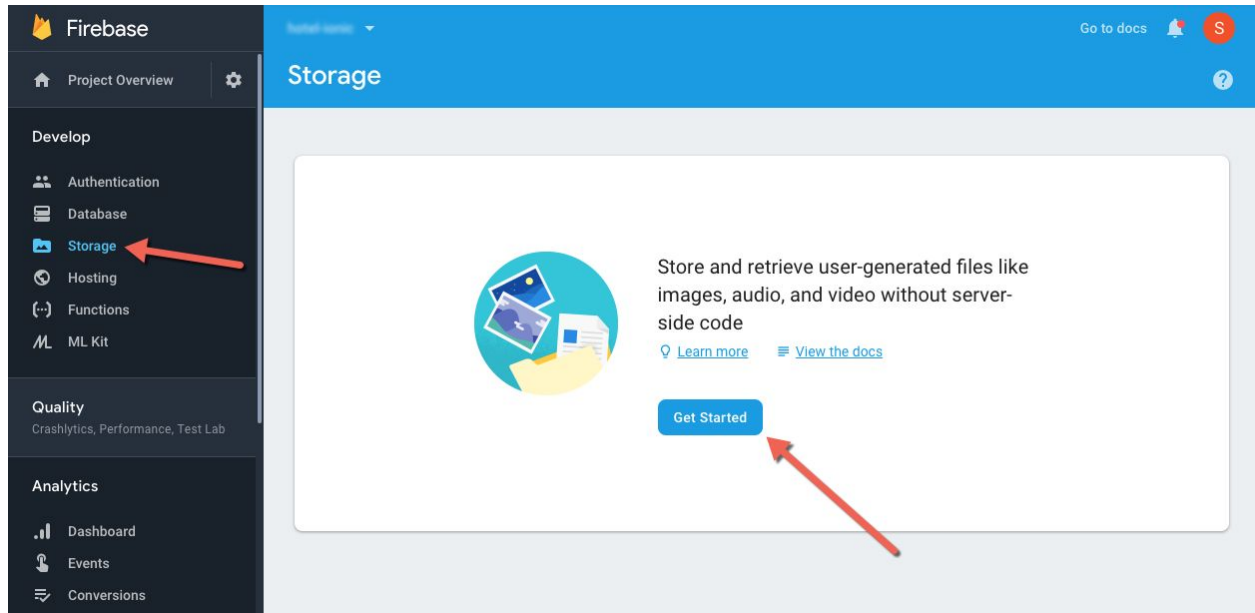
```
        ".indexOn": ["business"],
        ".read": true
    },
    "reviews2": {
        ".indexOn": ["business"],
        ".read": true
    },
    "products": {
        ".indexOn": ["business"],
        ".read": true
    },
    "services": {
        ".indexOn": ["business"],
        ".read": true
    },
    "catalogs": {
        ".indexOn": ["business"],
        ".read": true
    },
    "news": {
        ".indexOn": ["business"],
        ".read": true
    },
    "businesses": {
        ".read": true
    },
    "categories": {
        ".read": true
    },
    "common": {
        ".read": true
    }
  }
}
```



Enable Firebase Storage

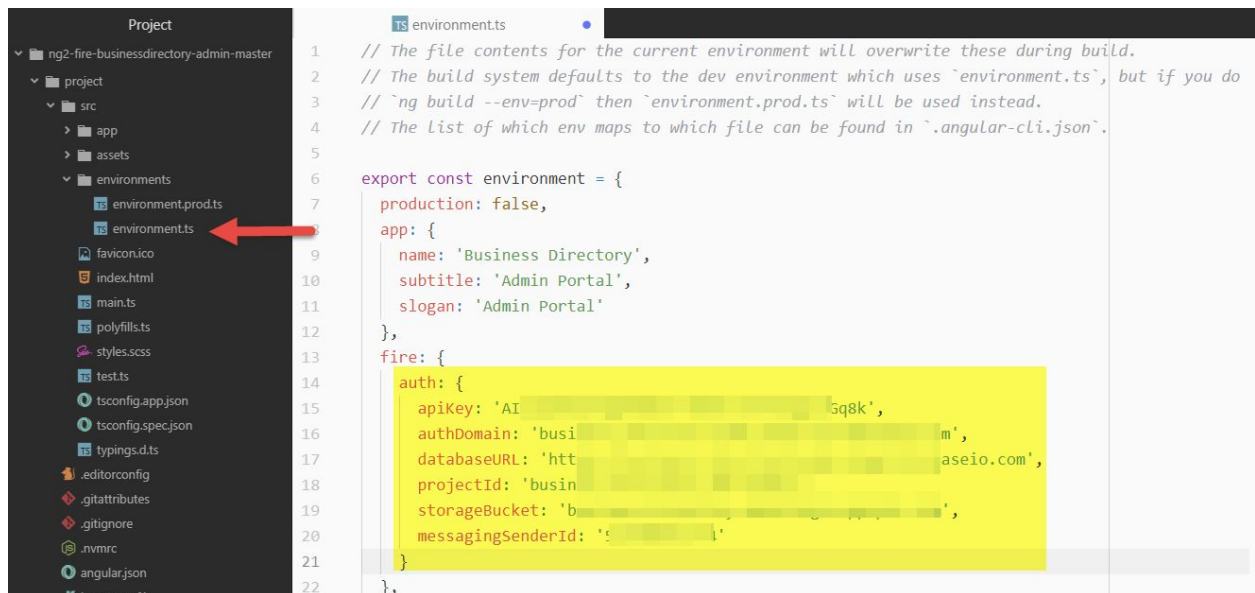
To allow the users to upload images, you should enable Firebase Storage through the Firebase console.

To do that, select “Storage” from the side menu and, then, hit the “Get Started” button.

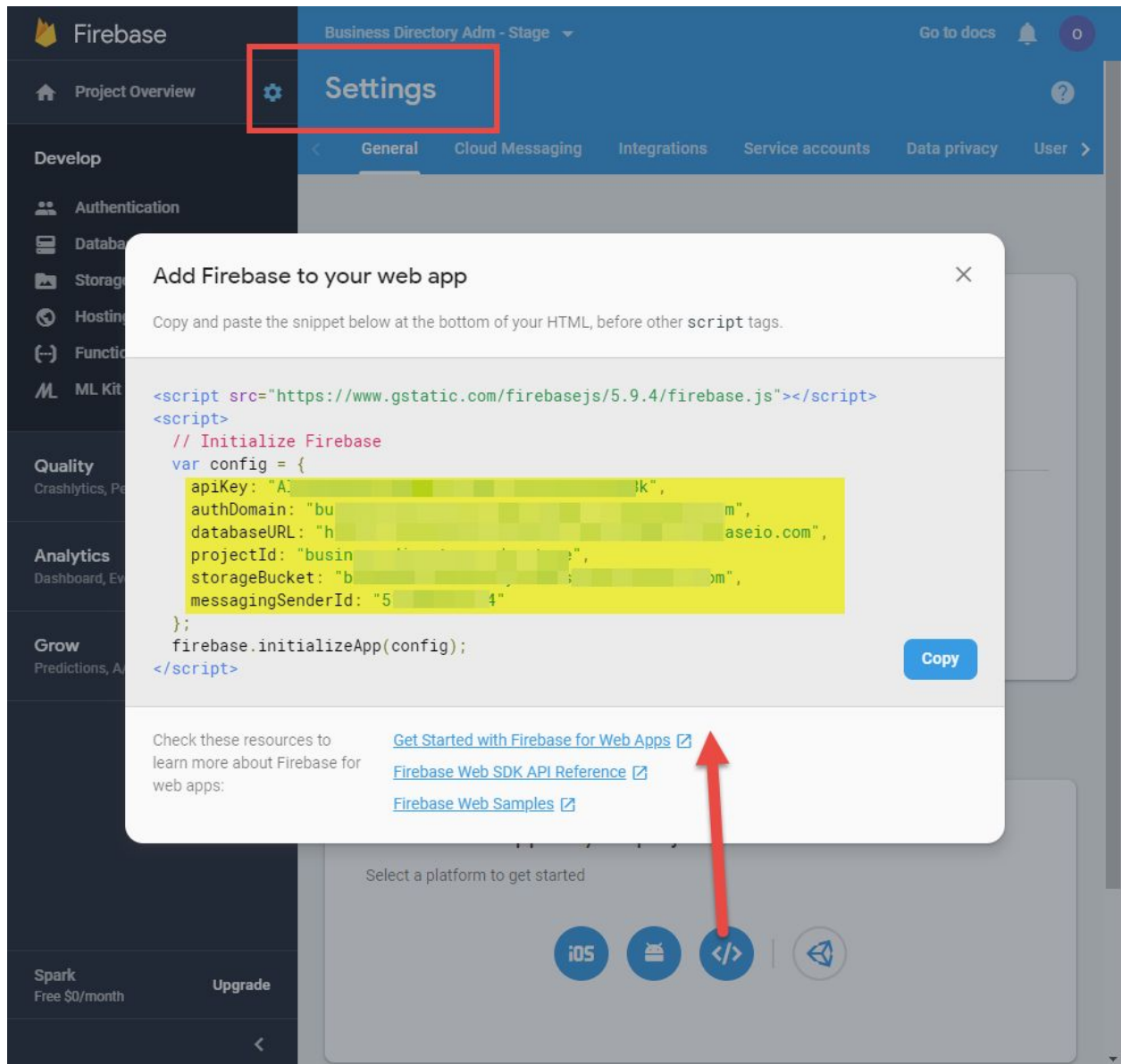


Firestore Data source Configuration

To set the Firebase project the app will work with, you should set the the "auth" object in `environment.ts` under the `/project/src/environments/` path:



The required information is provided by the Firebase online platform under the menu Project Settings > Add Firebase to your web app as seen in the picture below



Deploy to Firebase

To deploy this app and share its URL to everyone in order to use it, you could use [Firebase Hosting](#).

Install Firebase Command Line Tools

To install Firebase command line tools run:

```
$ npm install -g firebase-tools
```

Sign in to Google

To sign in, run:

```
$ firebase login
```

Initiate an empty project

To initiate your project, run:

```
$ firebase init
```

Build your project

Navigate to the `project` directory and build your project by running:

```
$ ng build
```

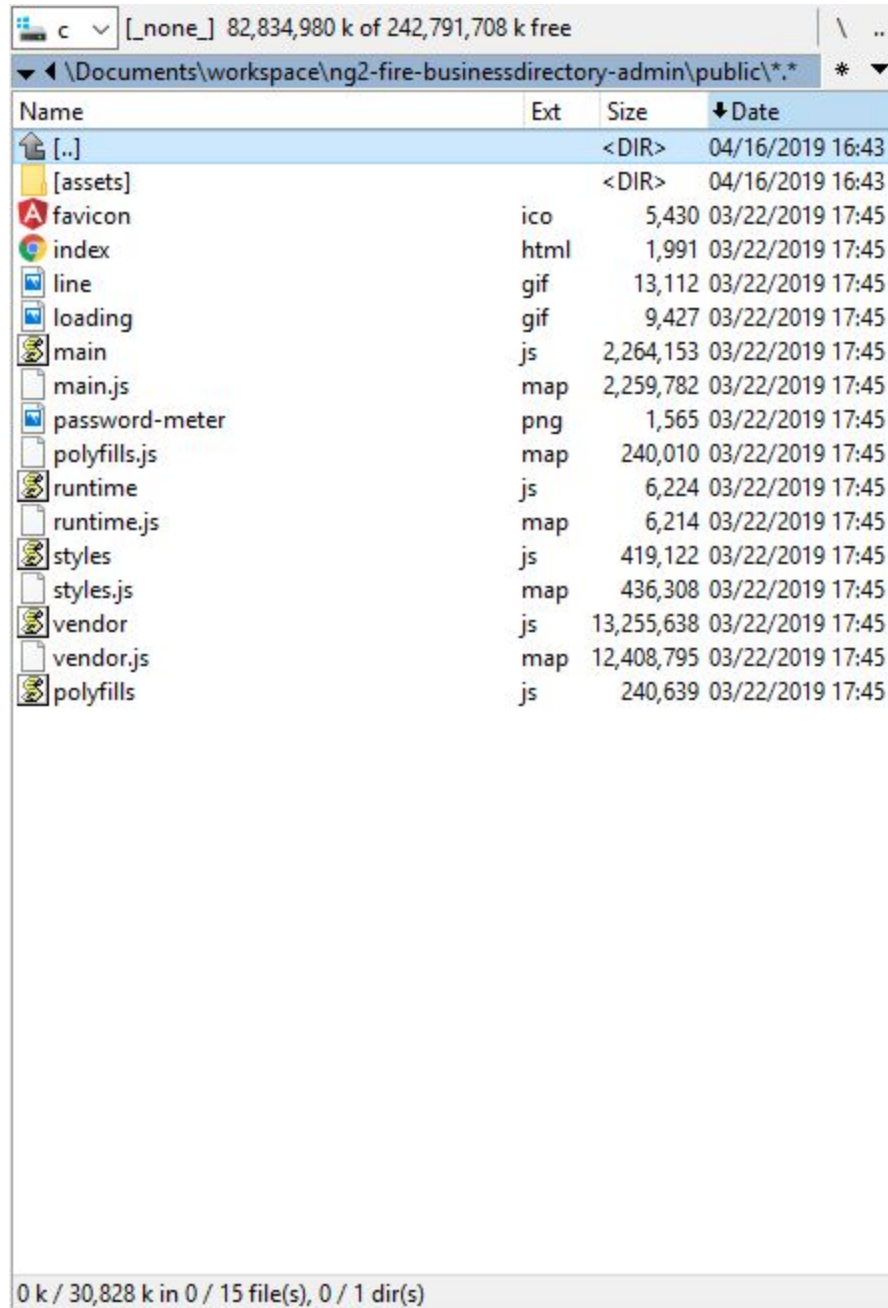
Deploy your website

Open the folder of the project you initiated and make sure it contains a `firebase.json` file and a `public` folder.

The `firebase.json` file should contain:

```
{
  "hosting": {
    "public": "public",
    "rewrites": [
      {
        "source": "**",
        "destination": "/index.html"
      }
    ]
  }
}
```

Place all the contents of your `project/dist` folder created during the [build step](#) into the `public` folder of your firebase project. The `public` folder should look similar to what is shown in the following screen capture:



Name	Ext	Size	↓ Date
[..]	<DIR>		04/16/2019 16:43
[assets]	<DIR>		04/16/2019 16:43
favicon	ico	5,430	03/22/2019 17:45
index	html	1,991	03/22/2019 17:45
line	gif	13,112	03/22/2019 17:45
loading	gif	9,427	03/22/2019 17:45
main	js	2,264,153	03/22/2019 17:45
main.js	map	2,259,782	03/22/2019 17:45
password-meter	png	1,565	03/22/2019 17:45
polyfills.js	map	240,010	03/22/2019 17:45
runtime	js	6,224	03/22/2019 17:45
runtime.js	map	6,214	03/22/2019 17:45
styles	js	419,122	03/22/2019 17:45
styles.js	map	436,308	03/22/2019 17:45
vendor	js	13,255,638	03/22/2019 17:45
vendor.js	map	12,408,795	03/22/2019 17:45
polyfills	js	240,639	03/22/2019 17:45

The end result of your project folder when it's ready to be deployed should look as shown in the screen capture

Name	Ext	Size	Date	Attr
↓				
⌂ [.]		<DIR>	04/12/2019 17:49	----
📁 [.firebase]		<DIR>	02/11/2019 12:27	----
📁 [dist]		<DIR>	04/12/2019 17:47	----
📁 [functions]		<DIR>	02/04/2019 14:40	----
📁 [node_modules]		<DIR>	02/04/2019 12:10	----
📁 [public]		<DIR>	03/01/2019 17:07	----
📁 [src]		<DIR>	01/31/2019 12:12	----
📄 yarn	lock	243,844	08/21/2018 10:14	-a--
📄 tslint	json	3,234	12/10/2018 11:31	-a--
📄 tsconfig	json	427	12/10/2018 11:31	-a--
📄 package-lock	json	629,947	01/31/2019 12:19	-a--
📄 package	json	3,177	01/31/2019 12:19	-a--
📄 karma.conf	js	993	12/10/2018 11:31	-a--
📄 firebase	json	134	03/01/2019 17:05	-a--
📄 angular	json	3,796	12/10/2018 11:31	-a--
📄 .gitignore		632	09/20/2018 13:40	-a--
📄 .gitattributes		17	08/21/2018 10:14	-a--
📄 .firebase		60	03/01/2019 17:05	-a--

0 k / 865 k in 0 / 11 file(s), 0 / 6 dir(s)

To deploy your web app, run on your project folder:
`$ firebase deploy`

Support

With regard to technical questions, new ideas and suggestions, you may use the following form and mention the product your enquiry refers to:

<https://appseed.desk.com/customer/portal/emails/new>

References / Links:

- [Codecanyon User page](#)
You may contact us by using our user page on Codecanyon.

- [AppSeed Website](#)
You can find more about us and our products on our website
- [Quick Start Guide](#)
The online version of this document.
- appseed.io
Our official website.

Thank you

Thank you again for purchasing our product. If you have any questions that are beyond of the scope of this help file, please feel free to email us to our [Support Centre](#).

--- *The Appseed team.* appseed.io