Business Directory Firebase - Admin app - Documentation

Quick start Guide - Installation and user support

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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!
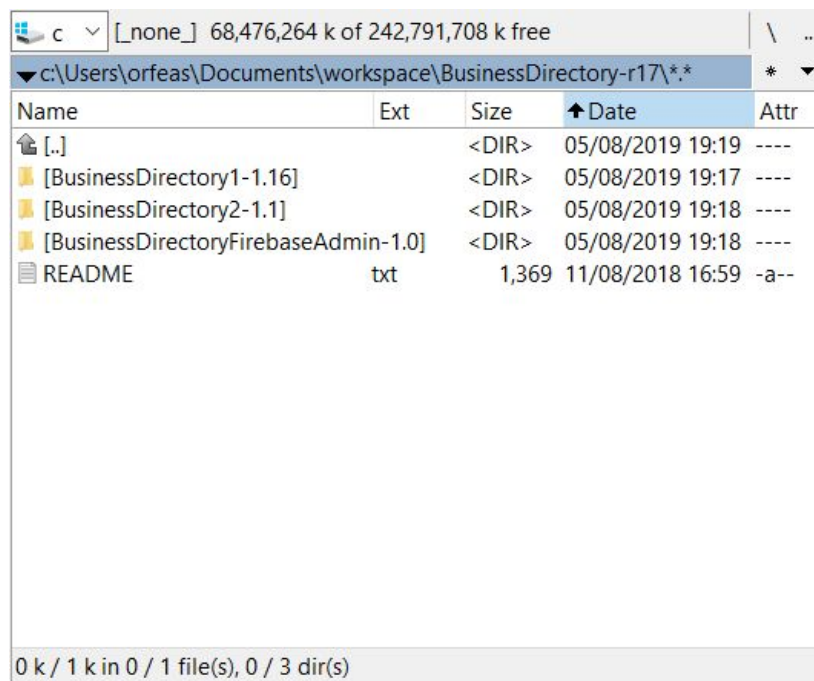
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Thank you

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 is installed on your computer. Please install version **8.9.4** 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:
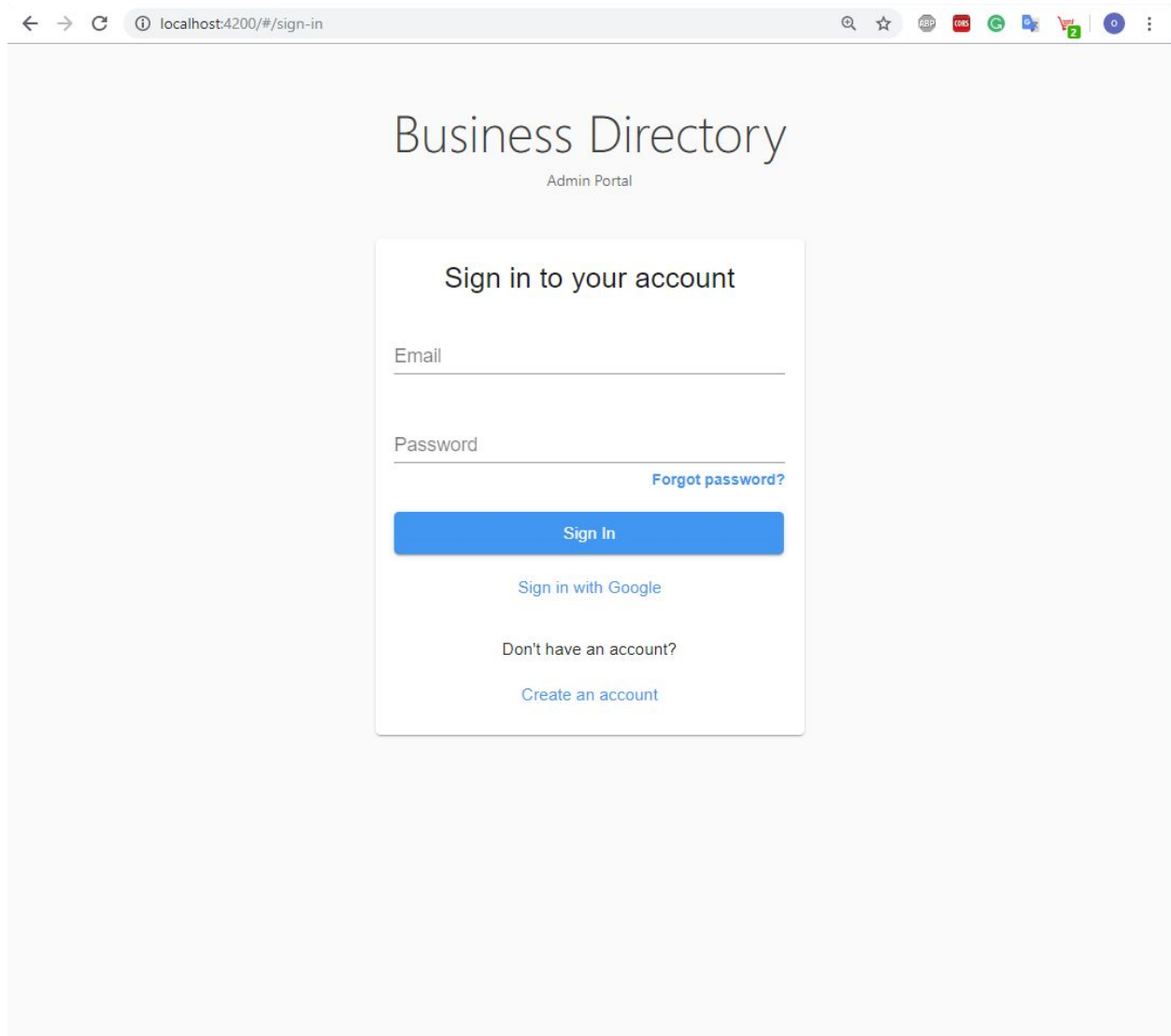
```
$ npm install
```

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
```

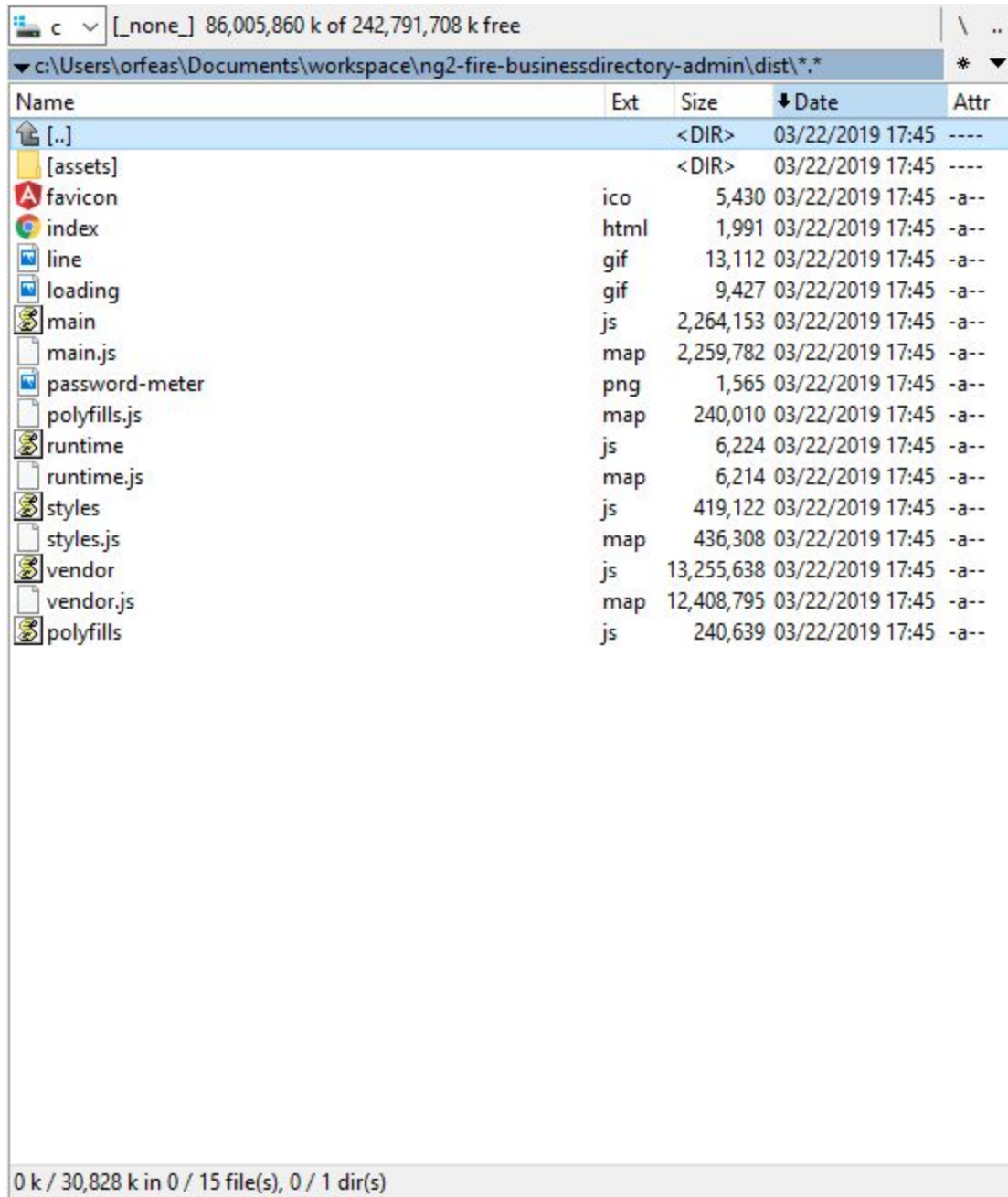Then, open a browser and navigate to http://localhost:4200/ to view the app.

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

Configuration

Business Directory Firebase Admin app uses Firebase 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.

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
      }
    }
  }
```
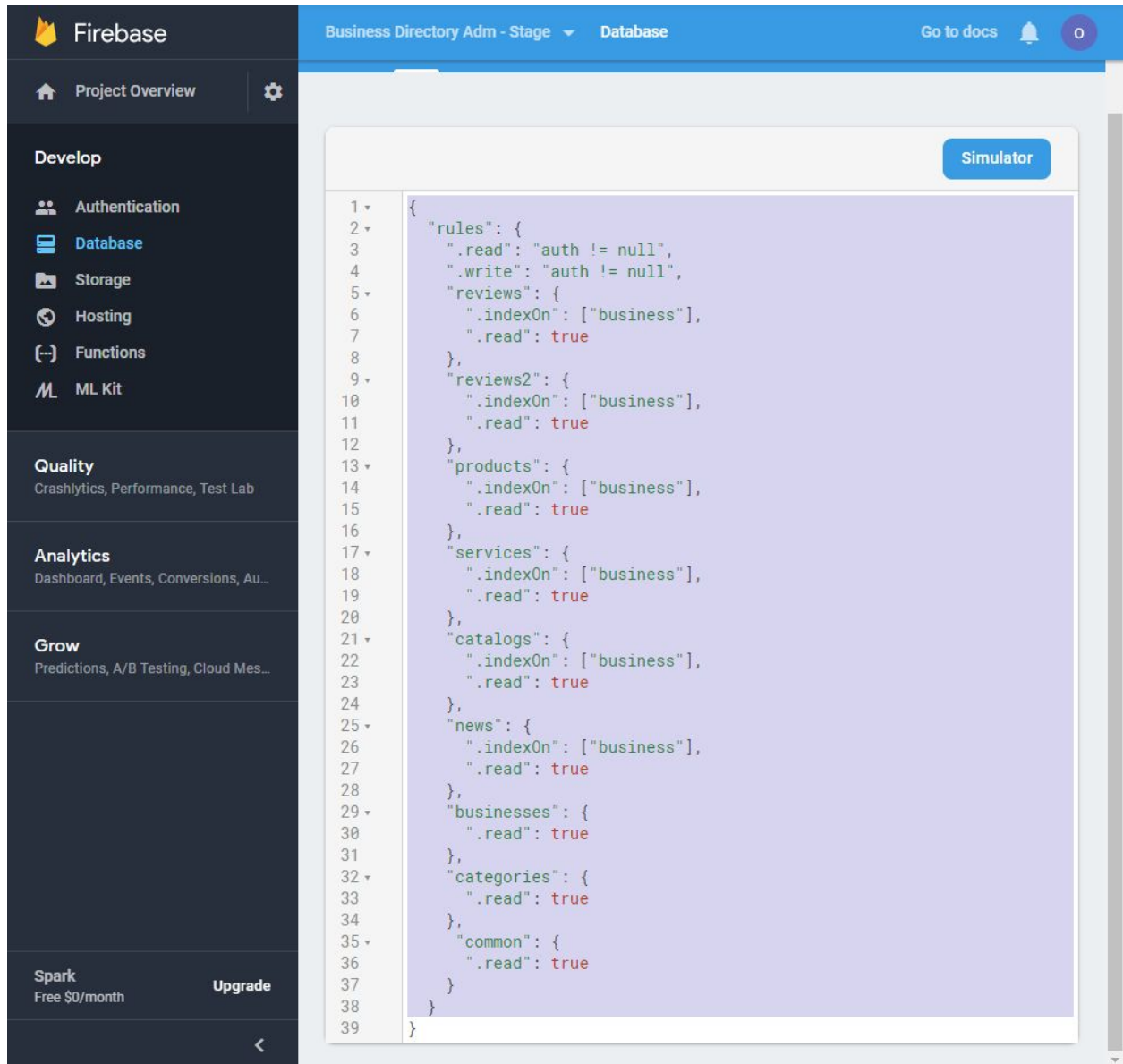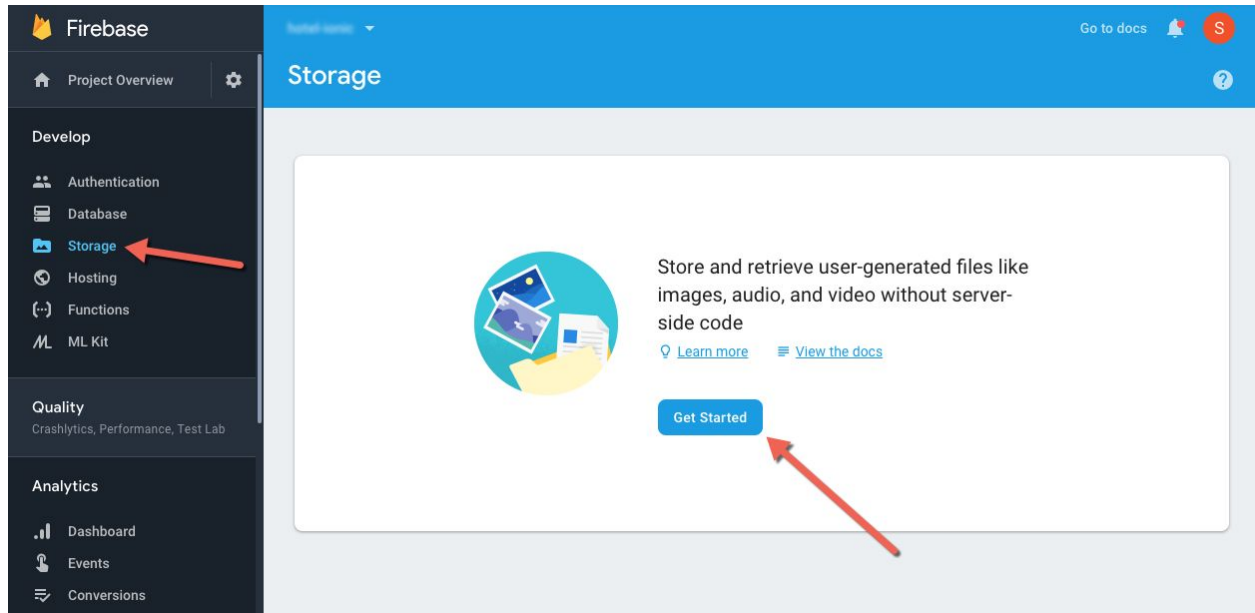
Enable Firebase Storage

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.

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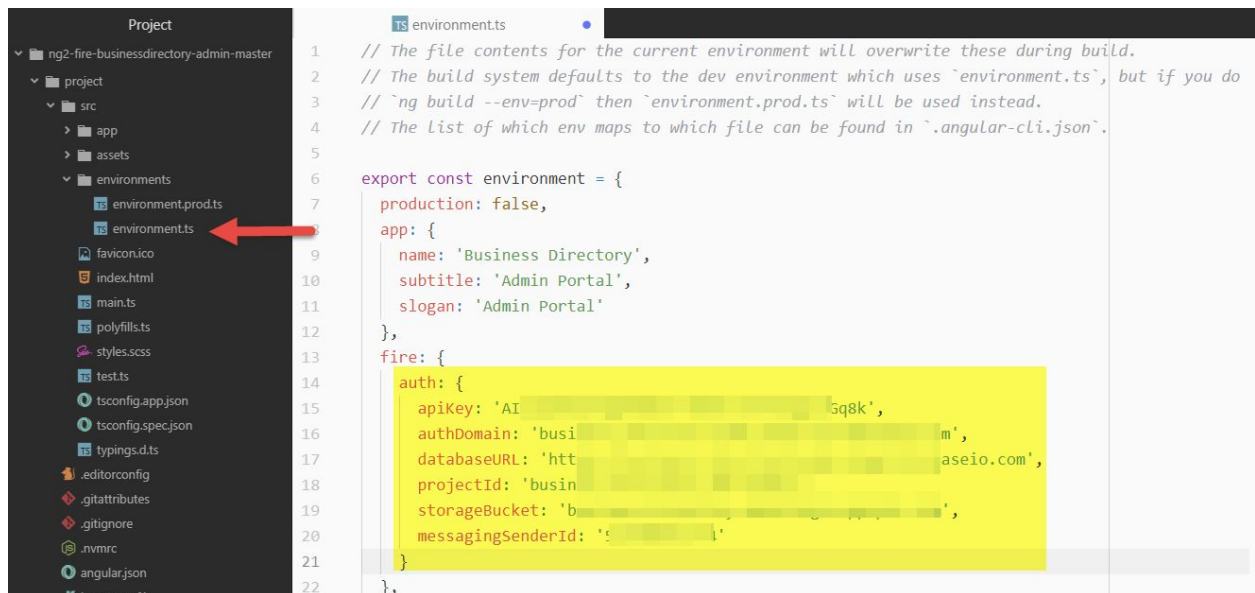
The required information is provided by the Firebase online platform under the menu `Project Settings > Add Firebase to your web app` as seen in the picture below
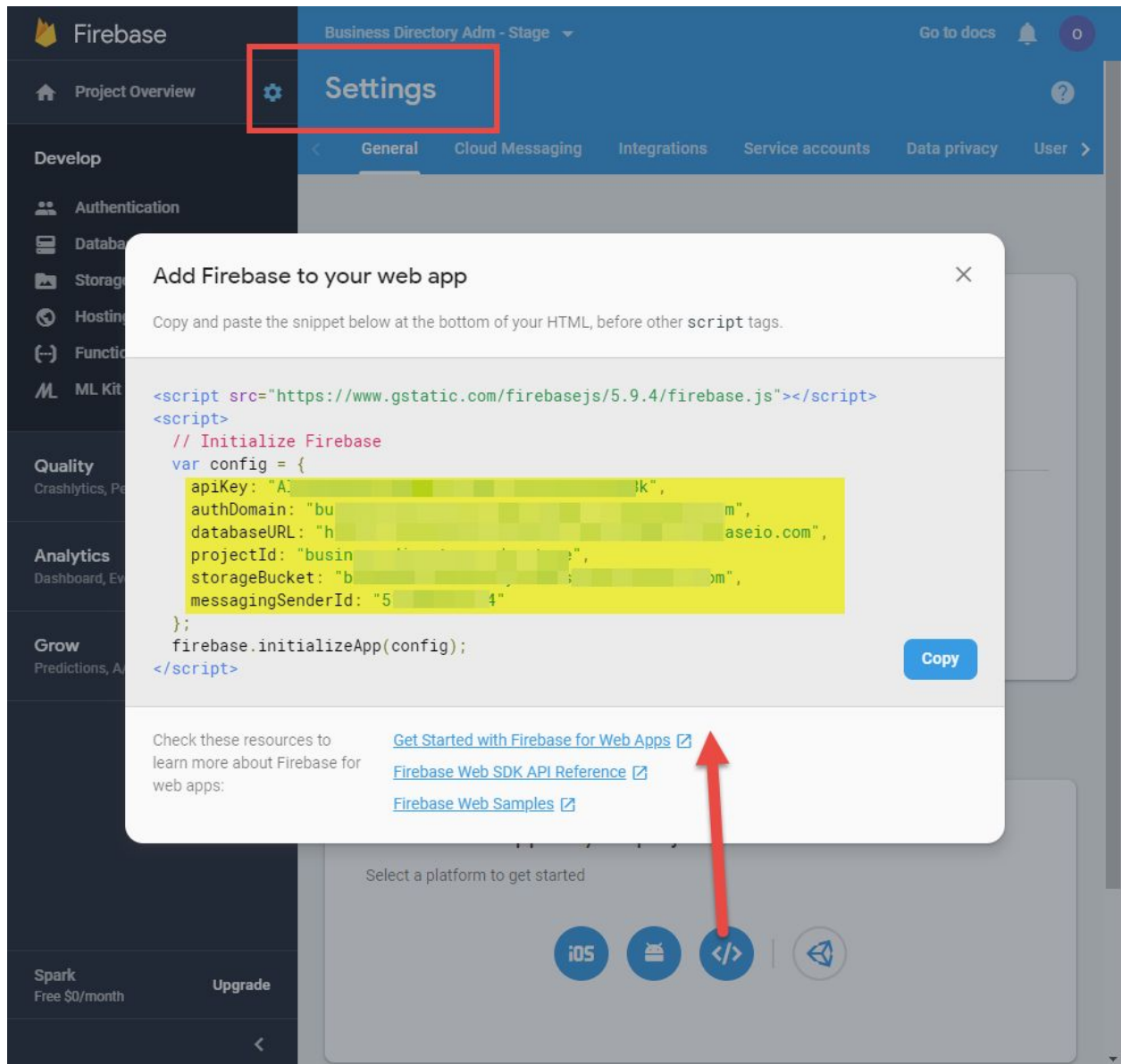
Deploy to Firebase

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
```
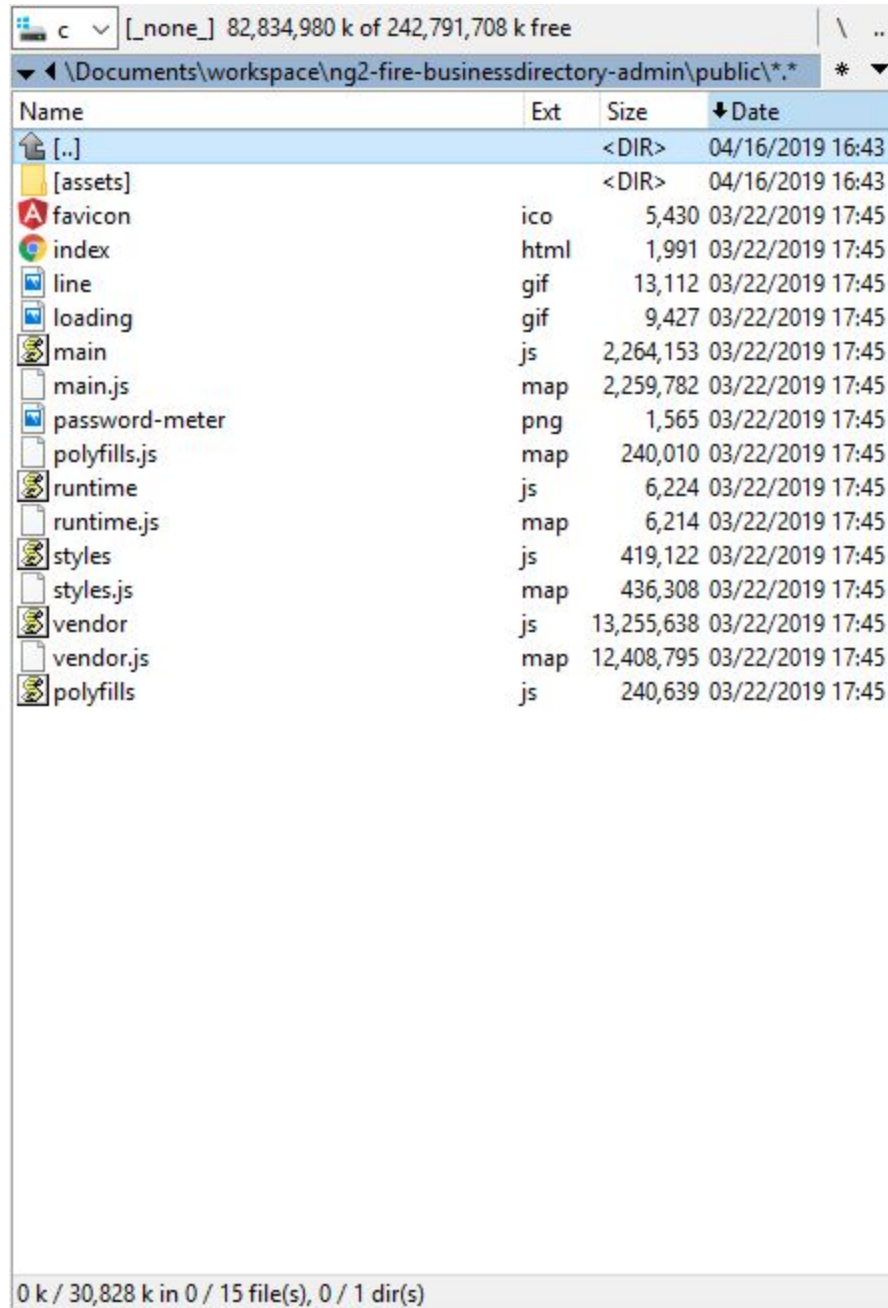
Deploy your website

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:

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--
.firebaserc		60	03/01/2019 17:05	-a--

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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.

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  The online version of this document.
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  Our official website.

Thank you

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--- The Appseed team. appseed.io