

Front-End Development



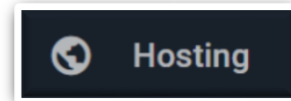
React & Firebase

#1 Deploy to Firebase Hosting

How to Deploy React Project to Firebase Hosting



Firebase



Firebase Hosting provides fast and secure static hosting for your web app.

Firebase Hosting is production-grade web content hosting for developers. With Hosting, you can quickly and easily deploy web apps and static content to a global content-delivery network (CDN) with a single command.

<https://linyoa-37d9d.firebaseio.com/>



Selamat Datang!

Tes deploy React App ke Firebase Hosting!

#1 Create/Prepare Your React App

- Install create-react-app utility globally on your PC (if you have not done yet before)

```
$ npm install -g create-react-app
```

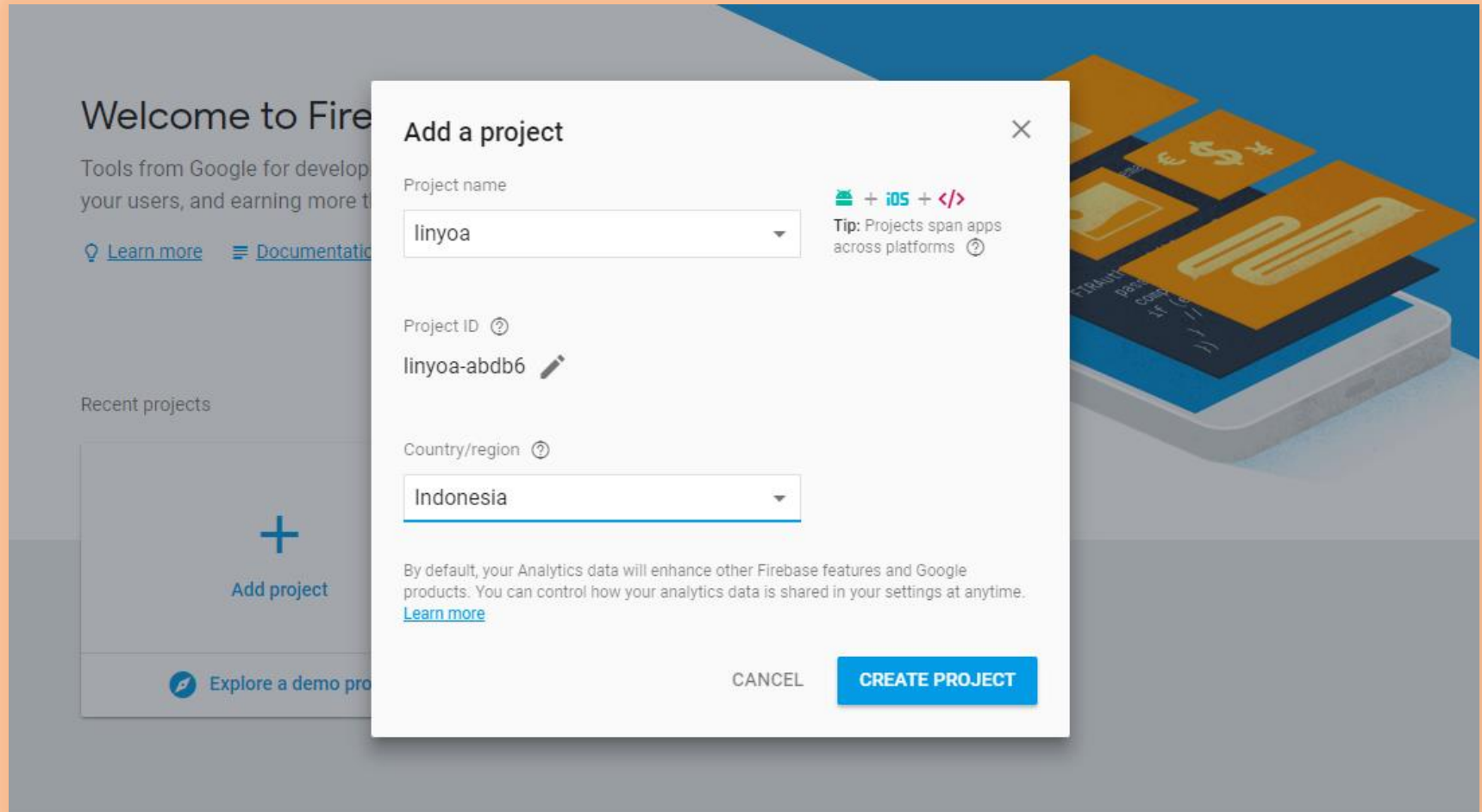
- Create a new react app or prepare yours

```
$ create-react-app linyoa  
$ cd linyoa
```

- Make sure that it runs successfully

```
$ npm start  
$ npm run build
```

#2 Create Firebase Project



#3 Setup Firebase CLI

■ Install Firebase CLI

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

■ Login to your Firebase account

```
$ firebase login
```

Woohoo!

Firebase CLI Login Successful

You are logged in to the Firebase Command-Line interface. You can immediately close this window and continue using the CLI.

#4 Firebase initialization

■ Firebase initialization

```
$ firebase init
```

- ★ ? Are you ready to proceed? (Y/n) **y**
- ★ ? Which Firebase CLI features do you want to setup for this folder?
Press Space to select features, then Enter to confirm your choices.
(Press <space> to select)
>(*) Database: Deploy Firebase Realtime Database Rules
 () Firestore: Deploy rules and create indexes for Firestore
 () Functions: Configure and deploy Cloud Functions
 (*) Hosting: Configure and deploy Firebase Hosting sites
 () Storage: Deploy Cloud Storage security rules
- ★ ? Select a default Firebase project for this directory:
 [don't setup a default project]
 > linyoa (linyoa-37d9d)
 [create a new project]

- ★ ? What file should be used for Database Rules?
(database.rules.json)
- ★ ? What do you want to use as your public directory?
(public)
build
- ★ ? Configure as a single-page app (rewrite all urls
to /index.html)? (y/N)
y
- ★ ? File build/index.html already exists. Overwrite?
(y/N)
n
- ★ Firebase initialization complete!

#5 Deploy!

■ Deploy to Firebase Hosting!

```
$ firebase deploy
```



```
=== Deploying to 'linyoa-37d9d'...
```

```
i  deploying database, hosting
i  database: checking rules syntax...
+  database: rules syntax for database linyoa-37d9d is valid
i  hosting: preparing build directory for upload...
+  hosting: 10 files uploaded successfully
i  database: releasing rules...
+  database: rules for database linyoa-37d9d released
    successfully
```



```
+  Deploy complete!
```

Project Console:

<https://console.firebase.google.com/project/linyoa-37d9d/overview>

Hosting URL: <https://linyoa-37d9d.firebaseio.com>

<https://linyoa-37d9d.firebaseio.com/>



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