

Front-End Development



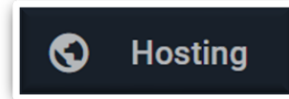
# React & Firebase

*#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
```

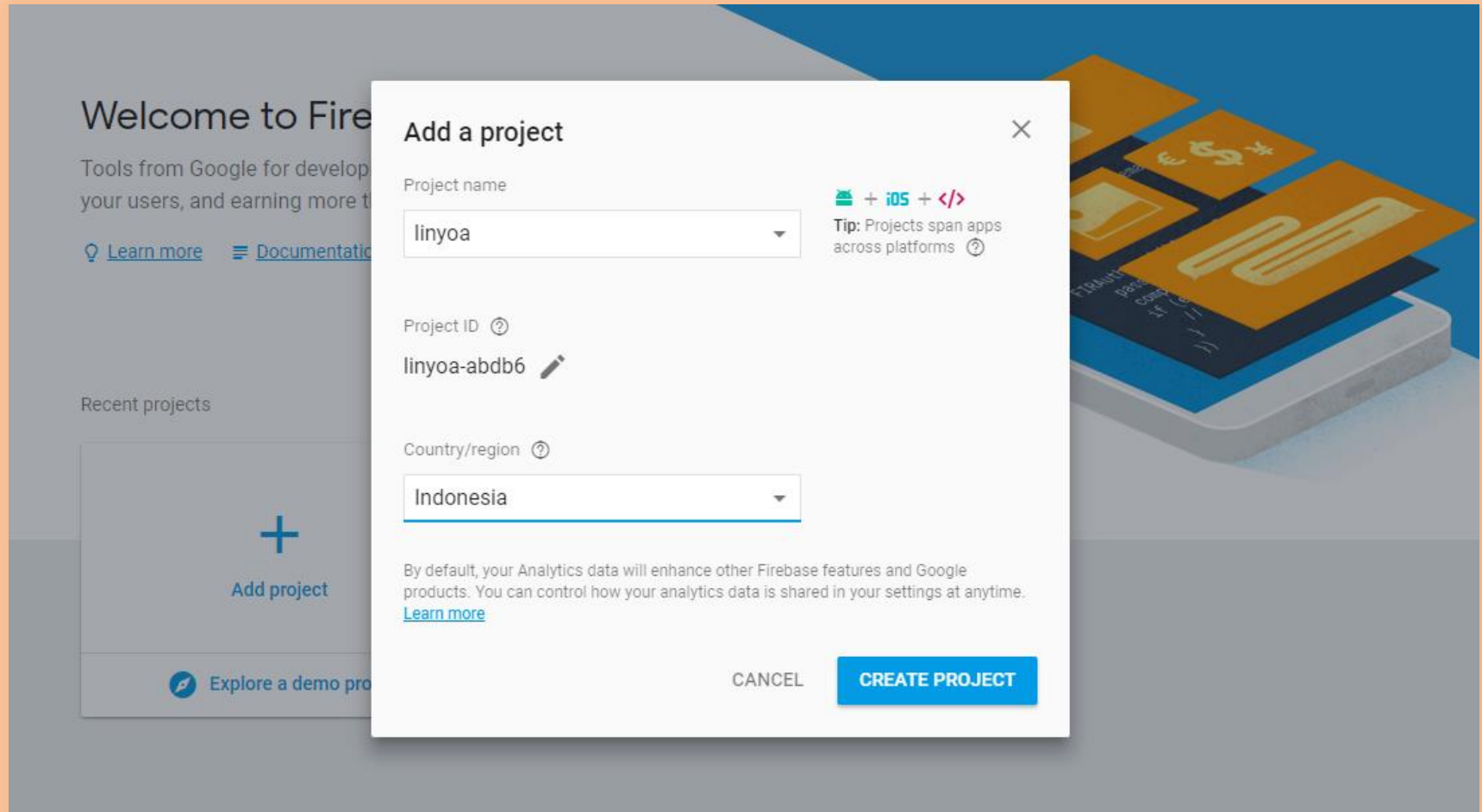
- Create a new react app or prepare yours

```
$ 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>

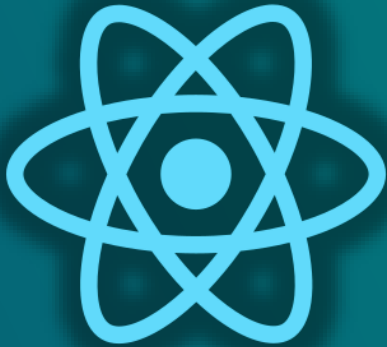
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