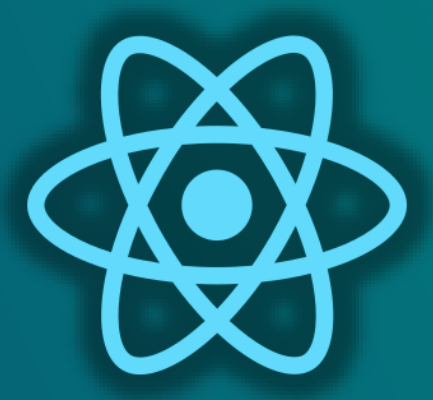
Front-End Development



React & Firebase

#1 Deploy to Firebase Hosting

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How to Deploy React Project to Firebase Hosting

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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.

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https://linyoa-37d9d.firebaseapp.com/

Selamat Datang!

Tes deploy React App ke Firebase Hosting!

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#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
```

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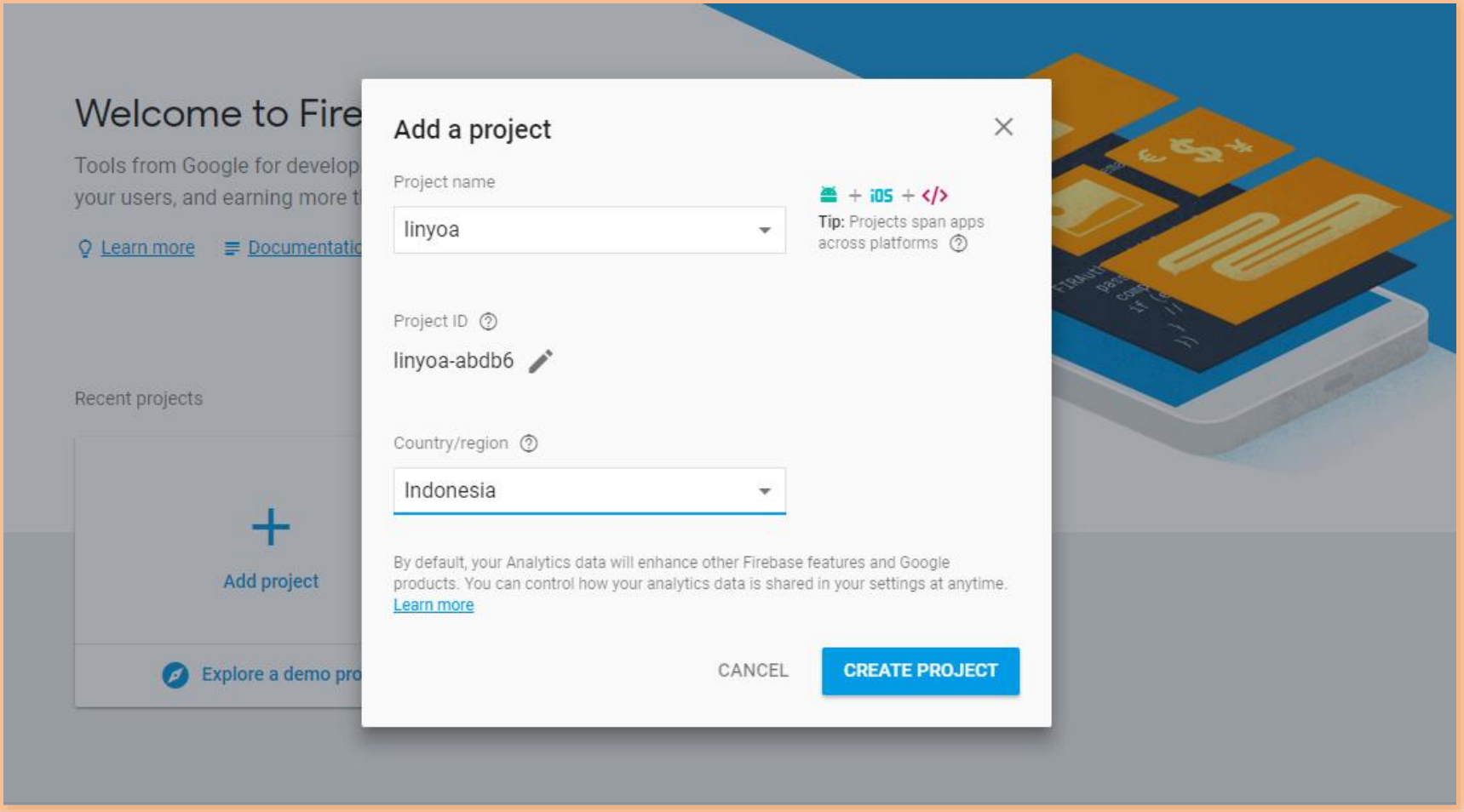
#2 Create Firebase Project



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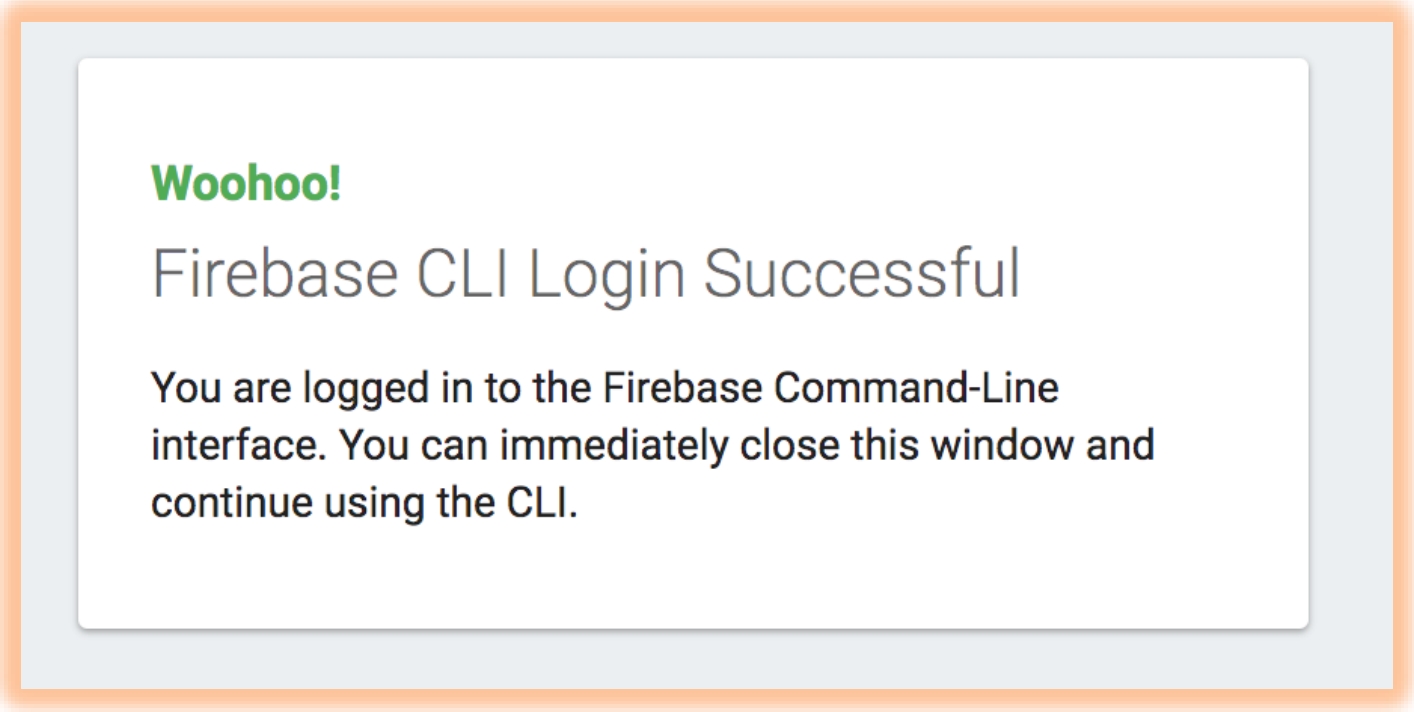
#3 Setup Firebase CLI

- Install Firebase CLI

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

- Login to your Firebase account

```
$ firebase login
```



#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]
```

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- ? 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!

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#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.firebaseapp.com
```

https://linyoa-37d9d.firebaseapp.com/

Selamat Datang!

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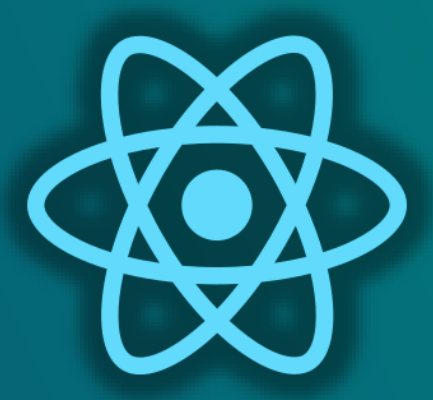

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