

LAPORAN INDIVIDU

FIREBASE LOGIN

Disusun sebagai

MATA KULIAH : PEMROGRAMAN BERBASIS FRAMEWORK

Oleh :

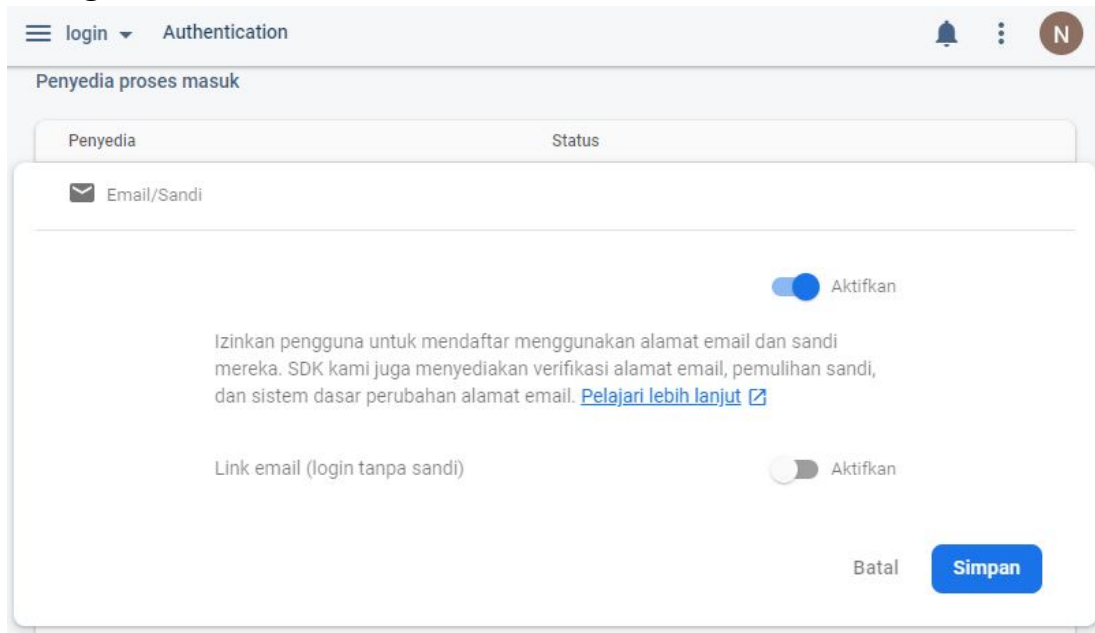
Nisa' Nurrochmah Hani / 1741720164

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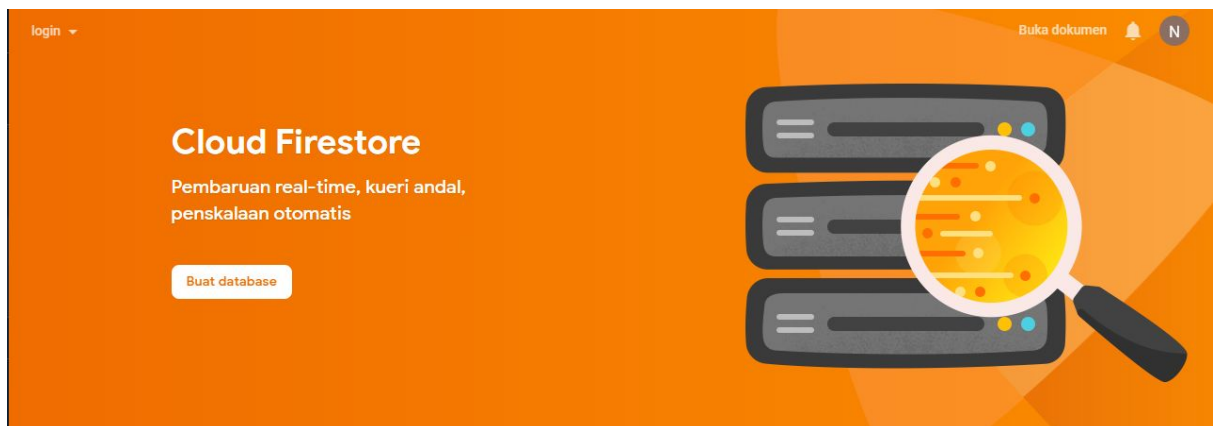
**PROGRAM STUDI D-IV TEKNIK INFORMATIKA
JURUSAN TEKNOLOGI INFORMASI
POLITEKNIK NEGERI MALANG
2020**

1. Setting Firebase Console

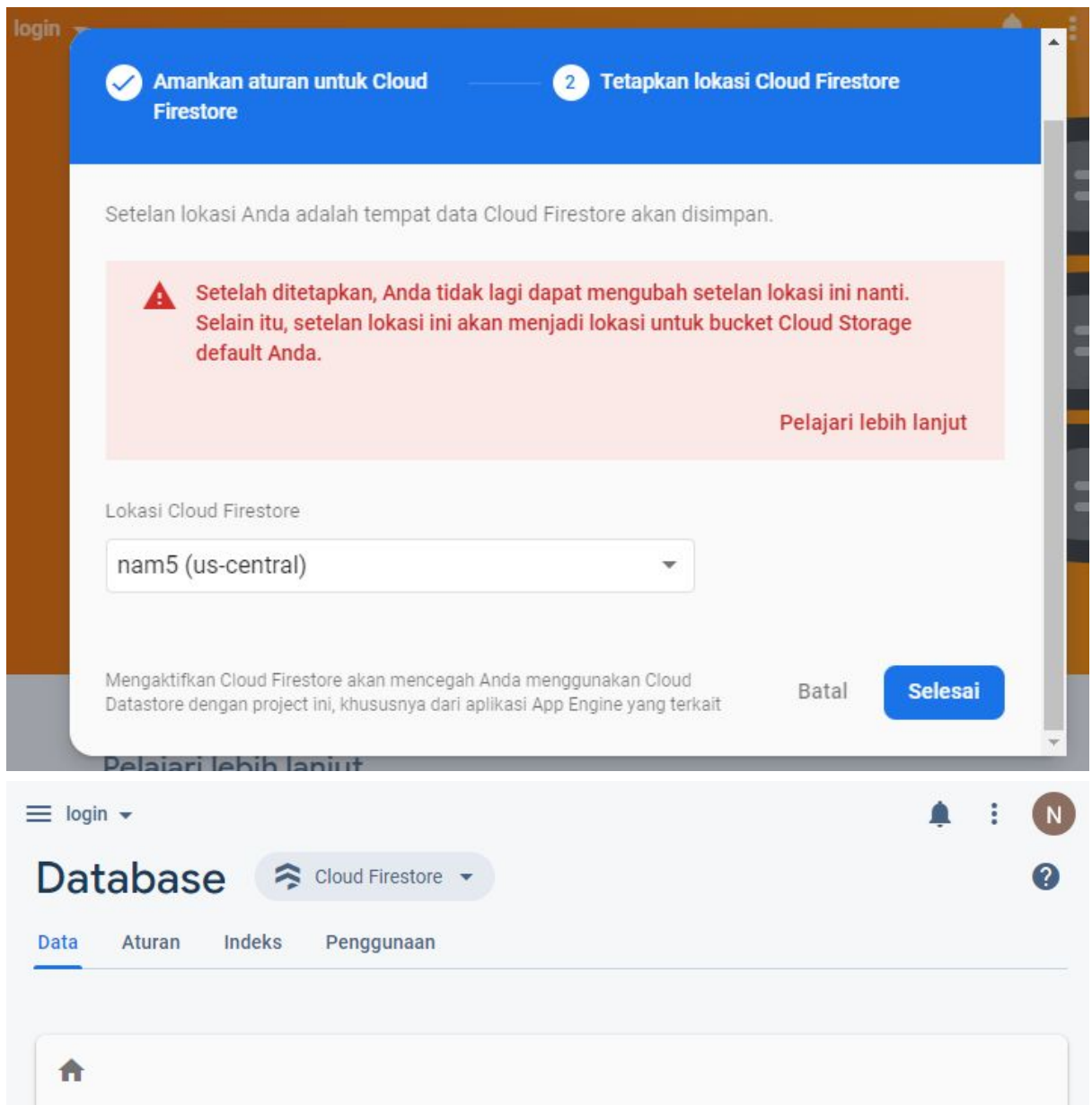


The screenshot shows the 'Authentication' section of the Firebase Console. Under the 'Penyedia proses masuk' (Login Providers) tab, the 'Email/Sandi' provider is selected. The 'Aktifkan' (Enable) toggle is turned on. Below this, there is a description in Indonesian: 'Izinkan pengguna untuk mendaftar menggunakan alamat email dan sandi mereka. SDK kami juga menyediakan verifikasi alamat email, pemulihan sandi, dan sistem dasar perubahan alamat email. [Pelajari lebih lanjut](#).' At the bottom, there is a 'Link email (login tanpa sandi)' section with its 'Aktifkan' toggle turned off. The page has 'Batal' (Cancel) and 'Simpan' (Save) buttons at the bottom right.

2. Create Database



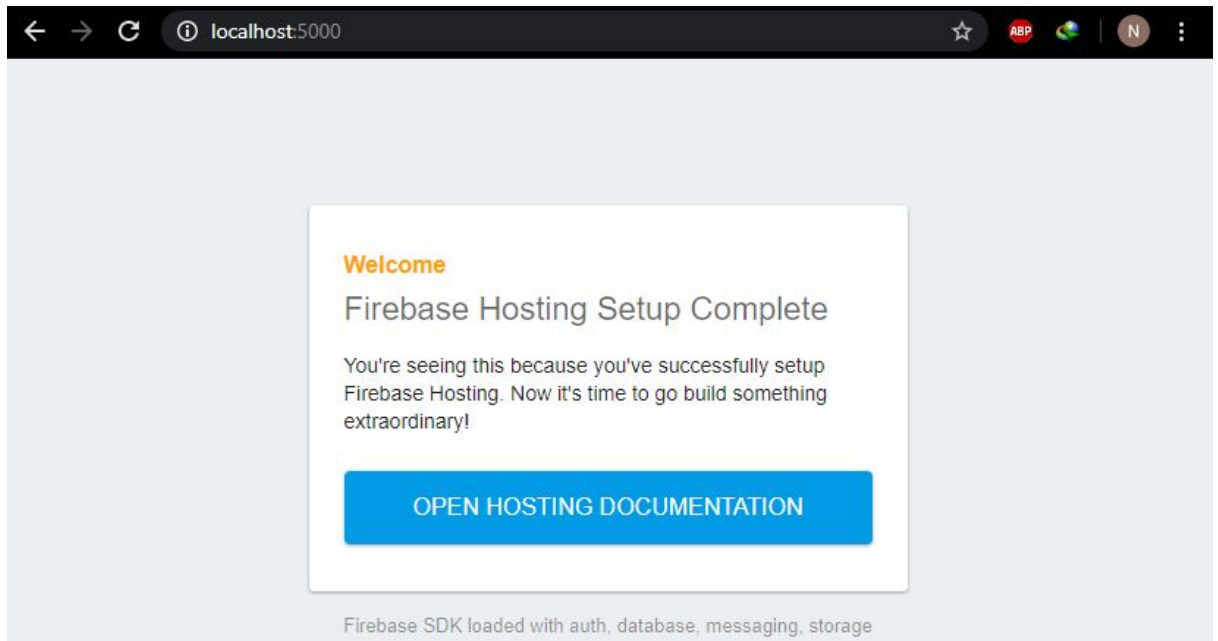
3. Select Start in test mode.



4. Setting react app dan firebase

Buat aplikasi baru dengan perintah

```
E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework>npx create-react-app login
Creating a new React app in E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login.
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts with cra-template...
[... ] - loadDep:eslint-visitor-keys: sill resolveWithNewModule esrecurse@4.2.1 checking installable stat
```



5. Install Redux

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install redux
npm WARN tsutils@3.17.1 requires a peer of typescript@>=2.8.0 || >= 3.2.0-dev || >= 3.3.0-dev || >= 3.4.0-dev || >= 3.5.0-dev || >= 3.6.0-dev || >= 3.6.0-beta || >= 3.7.0-dev || >= 3.7.0-beta but none is installed. You must install peer dependencies yourself.
```

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install react redux
npm WARN tsutils@3.17.1 requires a peer of typescript@>=2.8.0 || >= 3.2.0-dev || >= 3.3.0-dev || >= 3.4.0-dev || >= 3.5.0-dev || >= 3.6.0-dev || >= 3.6.0-beta || >= 3.7.0-dev || >= 3.7.0-beta but none is installed. You must install peer dependencies yourself.
```

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install redux-thunk
[.....] / rollbackFailedOptional: verb npm-session 82f27c655cfc6dda
```

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install react-router-dom
[.....] - rollbackFailedOptional: verb npm-session 6801719faeca2058
```

instalasi firebase

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install firebase
[.....] / rollbackFailedOptional: verb npm-session d041108c4afb987a
```

pilih UI Library

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install @material-ui/core
[.....] / rollbackFailedOptional: verb npm-session 6a3760453734deeb
```

Tambahkan pada index.html

```
17 <link rel="stylesheet" href="https://fonts.googleapis.com/css?family=Roboto:300,400,500,700&display=swap" />
18 <title>React App</title>
```

instal material icons

```
PS E:\KULIAH NISA\Semester 6\Pemrograman Berbasis Framework\login> npm install @material-ui/icons
[.....] - rollbackFailedOptional: verb npm-session a14974dc51be8034
```

Setting firebase config

1. Pilih project setting

Aplikasi Anda

Tidak ada aplikasi dalam project Anda

Pilih platform untuk memulai

iOS

1

Daftarkan aplikasi

Nama aplikasi

login

☒ Siapkan juga **Firestore** untuk aplikasi ini. [Pelajari lebih lanjut](#)

Firestore juga dapat disiapkan nanti. Gratis untuk memulai kapan saja.

login-f9727 (Belum ada penerapan)

Daftarkan aplikasi

2

Tambahkan Firebase SDK

Firebase SDK snippet

☐ Otomatis

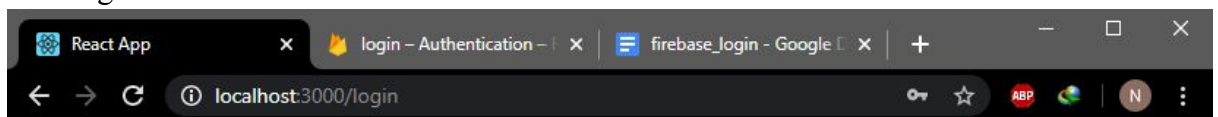
☐ CDN


☒ Config

2. Edit `firebase/firebase.js`

```
src > firebase > js firebase.js > ...
1  import firebase from "firebase/app";
2  import "firebase/auth";
3  import "firebase/firestore";
4
5  const firebaseConfig = {
6    apiKey: "AIzaSyDhoDtC8nkm07dy4AQduWTbnLxFy9cD9G8",
7    authDomain: "login-f9727.firebaseio.com",
8    databaseURL: "https://login-f9727.firebaseio.com",
9    projectId: "login-f9727",
10   storageBucket: "login-f9727.appspot.com",
11   messagingSenderId: "697331420575",
12   appId: "1:697331420575:web:8ea5b30ec44195ecd681aa",
13   measurementId: "G-67P4HQQ6ES"
14 };
15
16 export const myFirebase = firebase.initializeApp(firebaseConfig);
17 const baseDb = myFirebase.firestore();
18 export const db = baseDb;
```

3. Running start

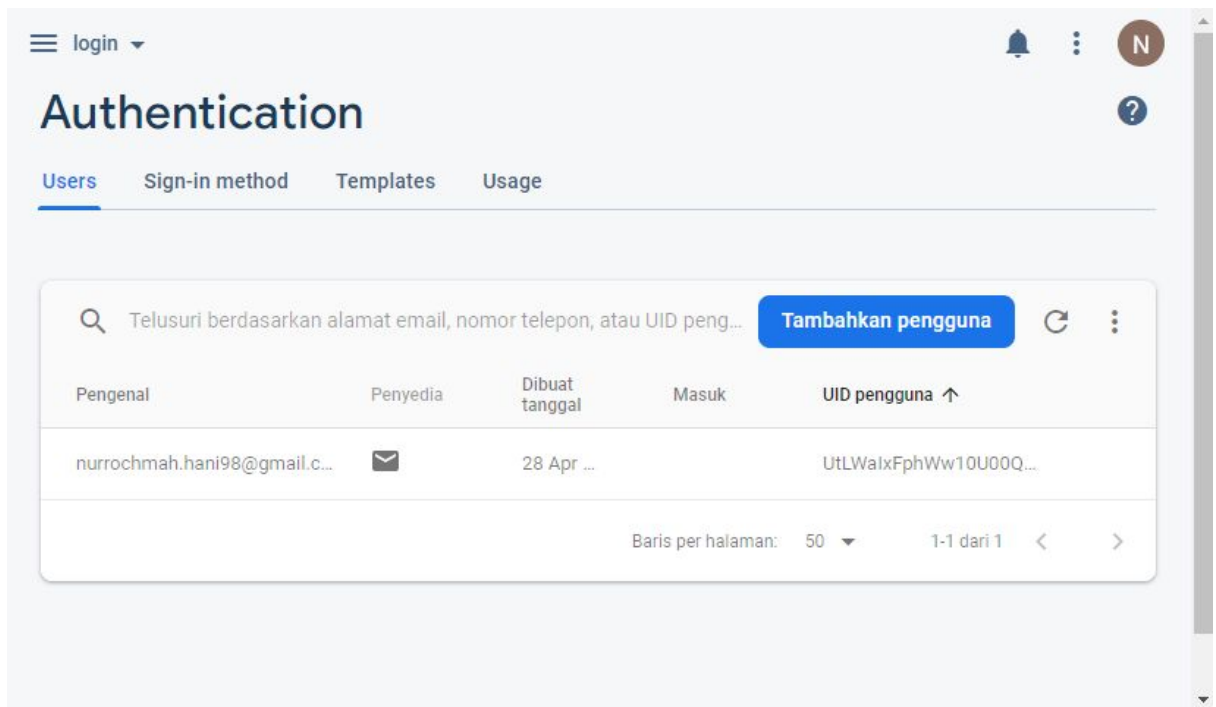




Sign in

SIGN IN

Masuk ke firebase console kemudian add user



Pilih npm start kemudian masukkan username dan password, lalu masuk ke web



The image shows a 'Sign in' form. At the top, there's a red circular icon with a white padlock. Below it, the text 'Sign in' is displayed. The form has two input fields: 'Email Address' and 'Password'. The 'Email Address' field contains the text 'nurrochmah.hani98@gmail.com'. The 'Password' field is filled with dots. Below the input fields is a blue button labeled 'SIGN IN'.



This is your app's protected area.

Any routes here will also be protected

[Logout](#)

