

The code for this project can be found on:

[github.com/mbotrus1/midterm\\_mobile\\_app\\_design](https://github.com/mbotrus1/midterm_mobile_app_design)

Part I

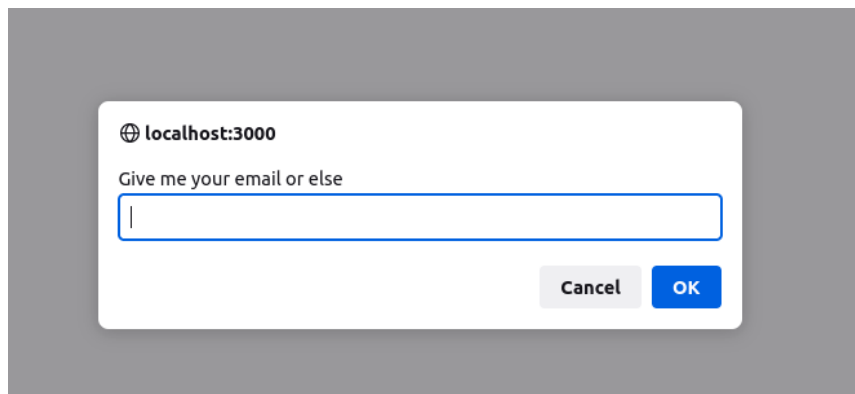
## Maryam Fan App

[Sign in with Google](#) [Sign in with Facebook](#) [Sign in Anonymously](#) [Sign in Phone](#) [Sign in Email](#) [Sign in Email and Password](#)

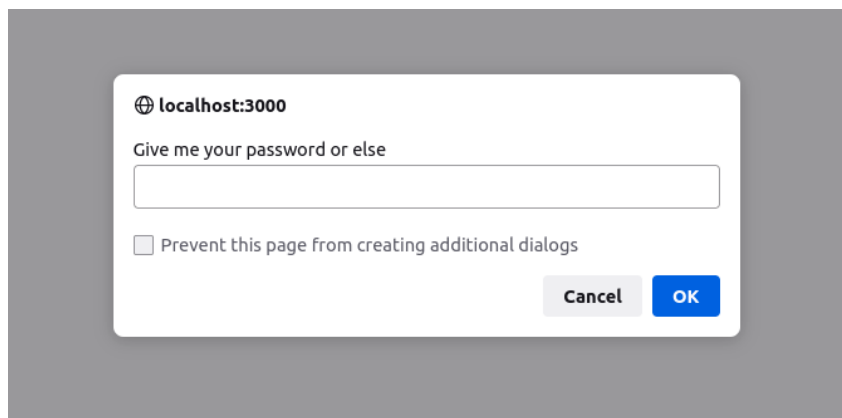
Welcome to Maryam's Second React App Please behave!

[Register a User Account](#)

### Email with Password

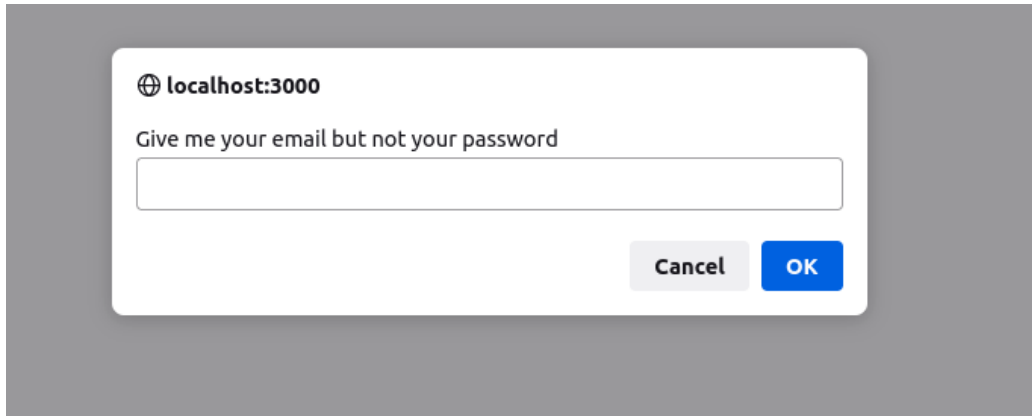


A screenshot of a web browser window. At the top, the address bar shows 'localhost:3000'. Below the address bar, the text 'Give me your email or else' is displayed. Underneath this text is a text input field. At the bottom right of the dialog box, there are two buttons: 'Cancel' and 'OK'.

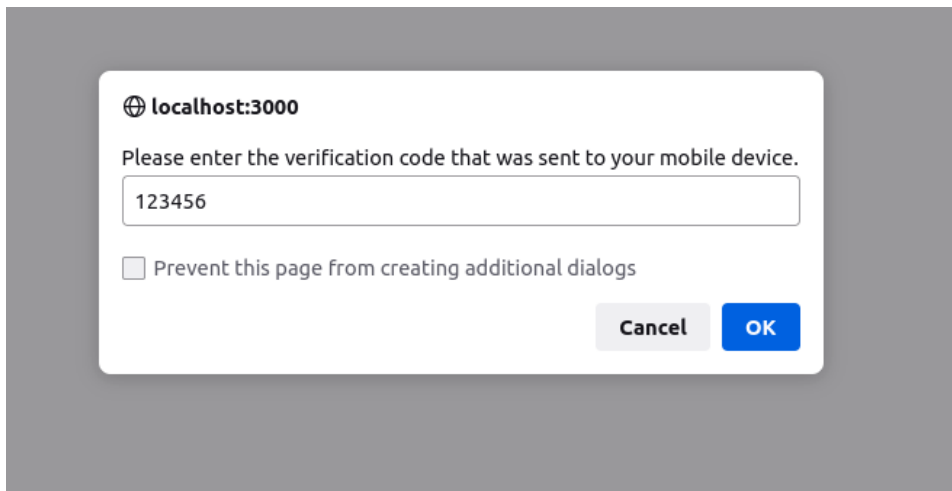


A screenshot of a web browser window. At the top, the address bar shows 'localhost:3000'. Below the address bar, the text 'Give me your password or else' is displayed. Underneath this text is a password input field. Below the password input field, there is a checkbox with the label 'Prevent this page from creating additional dialogs'. At the bottom right of the dialog box, there are two buttons: 'Cancel' and 'OK'.

### Email without Password



## Phone number



```
const {goToRegister} = props;

// something here is broken???
const signInWithPhone = () => {

  var phoneNumber = "+14047042684";
  var testVerificationCode = "123456";

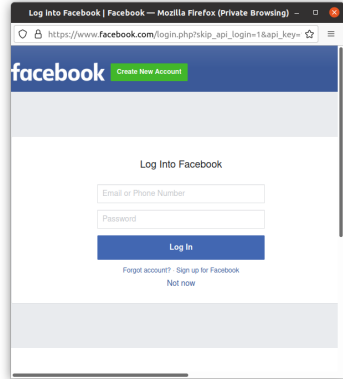
  window.recaptchaVerifier = new fb.auth.RecaptchaVerifier('recaptcha-container', {
    'size': 'invisible'
  });
  fb.auth().signInWithPhoneNumber(phoneNumber, window.recaptchaVerifier)
    .then(function(confirmationResult) {
      var verificationCode = window.prompt('Please enter the verification ' +
        'code that was sent to your mobile device. ');
      return confirmationResult.confirm(verificationCode);
    })
    .catch(function(error) {
      // Handle Errors here.
    });
  //signInAnonymously(auth);
}
```

## Facebook

### Maryam Fan App

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```
const signInWithFacebook = () => {
  const provider = new fb.auth.FacebookAuthProvider();
  auth.signInWithPopup(provider);
}
```

<input type="checkbox"/>	Michael Algcfcddhghh Okelolasen	103629038767211	zbjixkmzjg_1633645400@tfbnw.net	October 7, 2021 18:23 PM	<a href="#">Edit</a>
<input type="checkbox"/>	Sarah Algcfbegjghbd Narayananson	102998602164330	ptbtjkhxde_1633645251@tfbnw.net	October 7, 2021 18:20 PM	<a href="#">Edit</a>

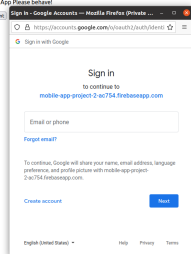
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Google

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zbjixkmzjg_1633645400@t...		Oct 7, 2021	Oct 7, 2021	4ECxXbm3c9gzjDRsxgacSxcfiZg2
maryambotrus@gmail.com		Oct 6, 2021	Oct 7, 2021	uhKmvdsrCQQB3REuNLU7weA3...

## Anonymous

Sign in Anonymously

## Maryam Fan App

Sign Out

Email: sants2@santa.gov























Name: Santa Claws

Join Date: 10/9/2021

```
signInAnonymously(auth);
```

## Verify user email

I wasn't really sure how this was to be implemented, I kept track of all the sign ins on firebase:

Search by email address, phone number, or user UID					Add user		
Identifier	Providers	Created ↓	Signed In	User UID			
(anonymous)		Oct 10, 2021	Oct 10, 2021	HMkpx24BkIa8GuVPIImeyWyAP...			
(anonymous)		Oct 10, 2021	Oct 10, 2021	CX45A5sRAIhb9TOSIGrjUJ0P3I2			
(anonymous)		Oct 10, 2021	Oct 10, 2021	A01EYezQcTS8dzVLX1ETKWfOnC3			
(anonymous)		Oct 10, 2021	Oct 10, 2021	y1A7K4GzbqNohdH0JNYKIXpm...			
(anonymous)		Oct 10, 2021	Oct 10, 2021	d18QWbc3GQcJrzAcLOhAJUuq4I53			
(anonymous)		Oct 10, 2021	Oct 10, 2021	C6EchtbmlahenCIEQ0aLvOoqz3I2			
(anonymous)		Oct 10, 2021	Oct 10, 2021	4fqL94XJnLWSeNbDMdchv36JdP...			
(anonymous)		Oct 10, 2021	Oct 10, 2021	rcz6kjjyde3I6542uc3zCEdzJ02			
person@eater.com		Oct 9, 2021	Oct 9, 2021	GwSQUZzPyqVPlt201j27Vo2MBq23			
sants2@santa.gov		Oct 9, 2021	Oct 9, 2021	Vpin6FZIO4gtFV3NRWP4WT6znv52			
santa@toilets.com		Oct 9, 2021	Oct 9, 2021	WHygOJpM3aXmf6K09dmf2guu8...			
(anonymous)		Oct 9, 2021	Oct 9, 2021	4xOr4Wfz5QV0fSYKgdK7VAF5Cbv2			
(anonymous)		Oct 9, 2021	Oct 9, 2021	m1uYGOK0akhm47aFToeDyyJfVC...			
(anonymous)		Oct 9, 2021	Oct 9, 2021	qkQvYfjWL5dmmh1wfM0ZEetsPg...			
(anonymous)		Oct 9, 2021	Oct 9, 2021	THuxpLsl6a5OUjPwSdAaCdIvrlLw1			
(anonymous)		Oct 9, 2021	Oct 9, 2021	aiIMderE2jhYK6ymyOJ2oBLOxwyj1			
(anonymous)		Oct 9, 2021	Oct 9, 2021	g5uxjVHPS7Ura84msu4tw8gNkv33			
(anonymous)		Oct 9, 2021	Oct 9, 2021	zEaDQZRBm9aMVHgka67TP0jqz...			
(anonymous)		Oct 9, 2021	Oct 9, 2021	4GLmSZLuv1TSf9cbxFTMacY4K53			
(anonymous)		Oct 9, 2021	Oct 9, 2021	xRLJewaiHsaSavFown7CvHfYv6IM2			

```
if ((prompt("Give me your email but not your password") || '').indexOf('@')<0) {  
  return;
```

I also checked for valid emails.

Firebase: The email address is already in use by another account. (auth/email-already-in-use). ×

I also disallowed duplicate emails

## Signout

No Thank You, I Was Just Kidding, Keep My Signed In Please Yes Please, I Am Sure I Would Like To Sign Out

## Part II

## Login Screen

### Maryam Fan App

Sign in with Google Sign in with Facebook Sign in Anonymously Sign in Phone Sign in Email Sign in Email and Password

Welcome to Maryam's Second React App Please behave!

Register a User Account

## Register Page

### Maryam Fan App

BACK TO LOGIN Create a User Account

User Name:

Last Name:

User Picture:

User Bio:

User Age:

User Hometown:

Email:

Password:

## Show all Registered Users

CLICK HERE FOR MORE INFO

Email: [info@thereisnews.com](mailto:info@thereisnews.com)  
Name: Santa Clara  
Join Date: 10/9/2021



INTERNATIONAL

THEREISNEWS.COM

Ikea confesses that their  
meatballs are made out  
of people that didn't find  
the exit

Click me for more info

📅 abril 4

👤 Sr. Lobo 🐾 ikea

Email: [person@thereisnews.com](mailto:person@thereisnews.com)

Name: People's Gate

Join Date: 10/9/2021



Email: [myname@gmail.com](mailto:myname@gmail.com)  
Name: excluded excluded  
Join Date: 10/9/2021

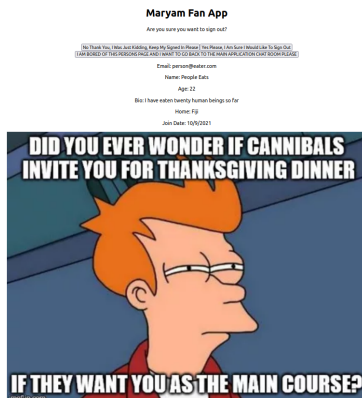


I made the pictures a little too big but oh wells

userInfo	44bZZ5aRCJzoFkFQeFPF	+ Add field
userInfo	72RfsEkJ5RA0esWuWpRh CQXjEq52J9AGbB6LXfMW Vih0Q5AkpdK4fPiGSB0d hMHYYVLCS6a6z0IhnTmq temp vjrcK16L1KEuICTAJSAG	email: "sants2@santa.gov" firstName: "Santa" imgUrl: "https://i.imgur.com/ojbiLZH.jpeg" lastName: "Claws" password: "santa2" registerTimestamp: October 9, 2021 at 11:17:06 PM UTC-4 role: "Customer"

There are more users on the page but I just screenshotted the first three.

## Clickable Links



Did you know that Fiji used to have a large population of cannibals?

## Back Button

I AM BORED OF THIS PERSONS PAGE AND I WANT TO GO BACK TO THE MAIN APPLICATION CHAT ROOM PLEASE

```
var userTimestamp = new Date((userToView.registerTimestamp || {seconds:0}).seconds*1000);
return (<div>
  <button onClick={goBack}>I AM BORED OF THIS PERSONS PAGE AND I WANT TO GO BACK TO THE MAIN APPLICATION CHAT ROOM PLEASE
  <p>{'Email: ${userToView.email}'}</p>
  <p>{'Name: ${userToView.firstName} ${userToView.lastName}'}</p>
  <p>{'Age: ${userToView.age}'}</p>
  <p>{'Bio: ${userToView.bio}'}</p>
  <p>{'Home: ${userToView.home}'}</p>
  <p>{'Join Date: ${userTimestamp.getMonth()+1}/${userTimestamp.getDate()}/${userTimestamp.getFullYear()}'</p>
  <img src = {'${userToView.imgUrl} || 'https://i.imgur.com/qFXSBDh.jpeg'}' style={{width: '30%'}} />
</div>);
```