

1.Login Procedure

If User already Registered by Sign Up Process, respective credentials are stored in Firebase

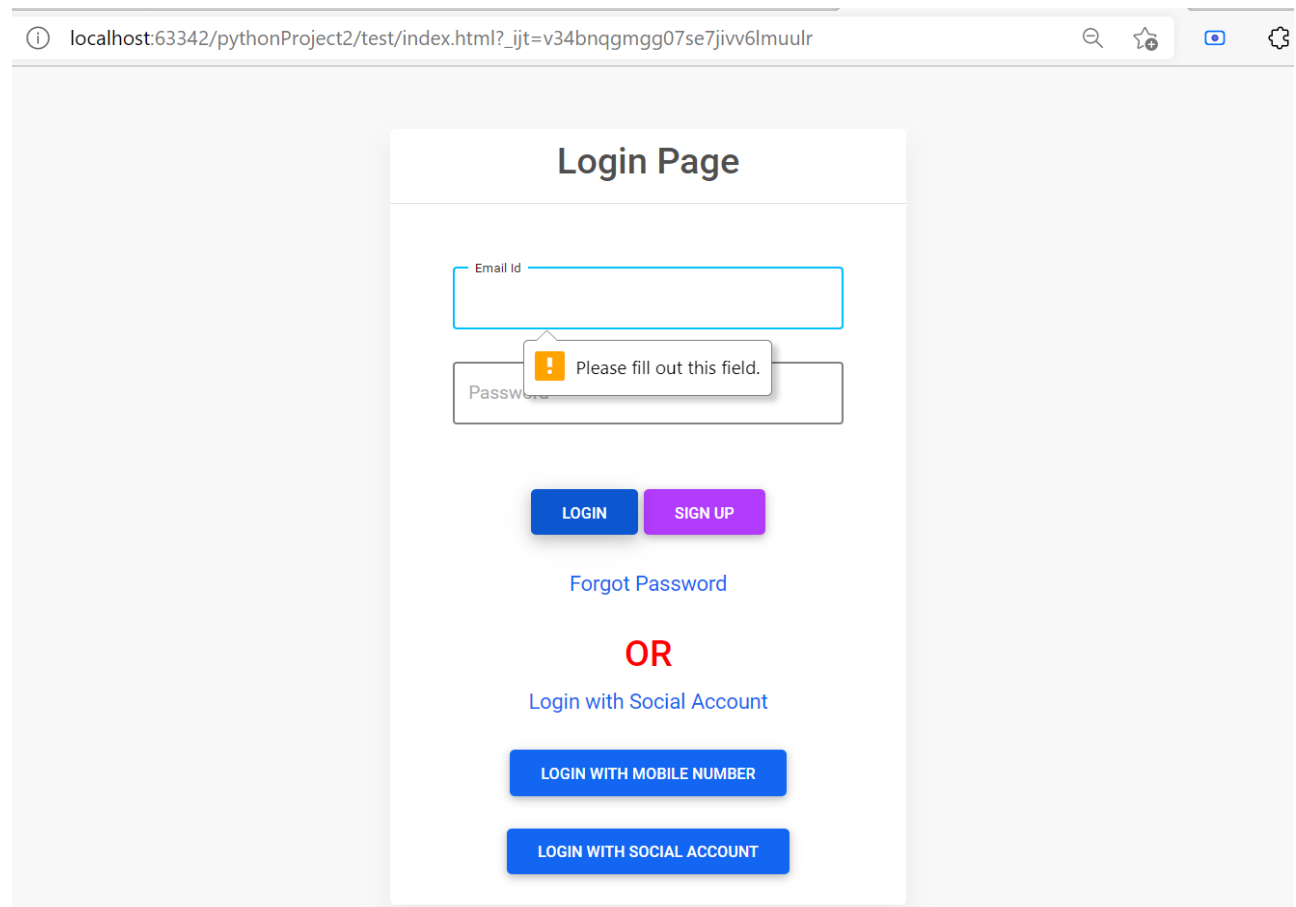
Suppose user credentials:

1.

Username/E-Mail: - test@gmail.com

Password: - 1234567890

If any of the input fields are empty, it prompts “Please fill out this Field ”



The screenshot shows a web browser window with the address bar displaying `localhost:63342/pythonProject2/test/index.html?_ijt=v34bnqgmegg07se7jivv6lmuulr`. The page content is a login form titled "Login Page". It features two input fields: "Email Id" and "Password". The "Email Id" field is empty, and a validation message "Please fill out this field." is displayed above the "Password" field. Below the input fields are two buttons: "LOGIN" (blue) and "SIGN UP" (purple). Further down, there is a link "Forgot Password" and a red "OR" separator. Below the separator is the text "Login with Social Account" and two more buttons: "LOGIN WITH MOBILE NUMBER" and "LOGIN WITH SOCIAL ACCOUNT".

localhost:63342/pythonProject2/test/index.html?_ijt=v34bnqgmgg07se7jivv6lmuulr

Login Page

Email Id

test@gmail.com

Password

Please fill out this field.

LOGIN SIGN UP

Forgot Password

OR

Login with Social Account

LOGIN WITH MOBILE NUMBER

LOGIN WITH SOCIAL ACCOUNT

Enter the username and password

For Username, the input type is TEXT and for password, the input type is PASSWORD

Password is not visible and there is visibility button to show the password.

Login Page

Email Id

Password 

LOGIN

SIGN UP

[Forgot Password](#)

OR

[Login with Social Account](#)

LOGIN WITH MOBILE NUMBER

LOGIN WITH SOCIAL ACCOUNT

localhost:63342/pythonProject2/test/index.html

Login Page

Email Id
gurunarendra46@gmail.com

Password
123456789

LOGIN SIGN UP

[Forgot Password](#)

OR

[Login with Social Account](#)

LOGIN WITH MOBILE NUMBER

LOGIN WITH SOCIAL ACCOUNT

Note:

Credentials are stored in Firebase Data Base. When user enter the credentials, these are matched with firebase data.

If enter credential **matched** with credentials stored in Firebase data, the user will enter the website.

Hello, gurunarendra46@gmail.com

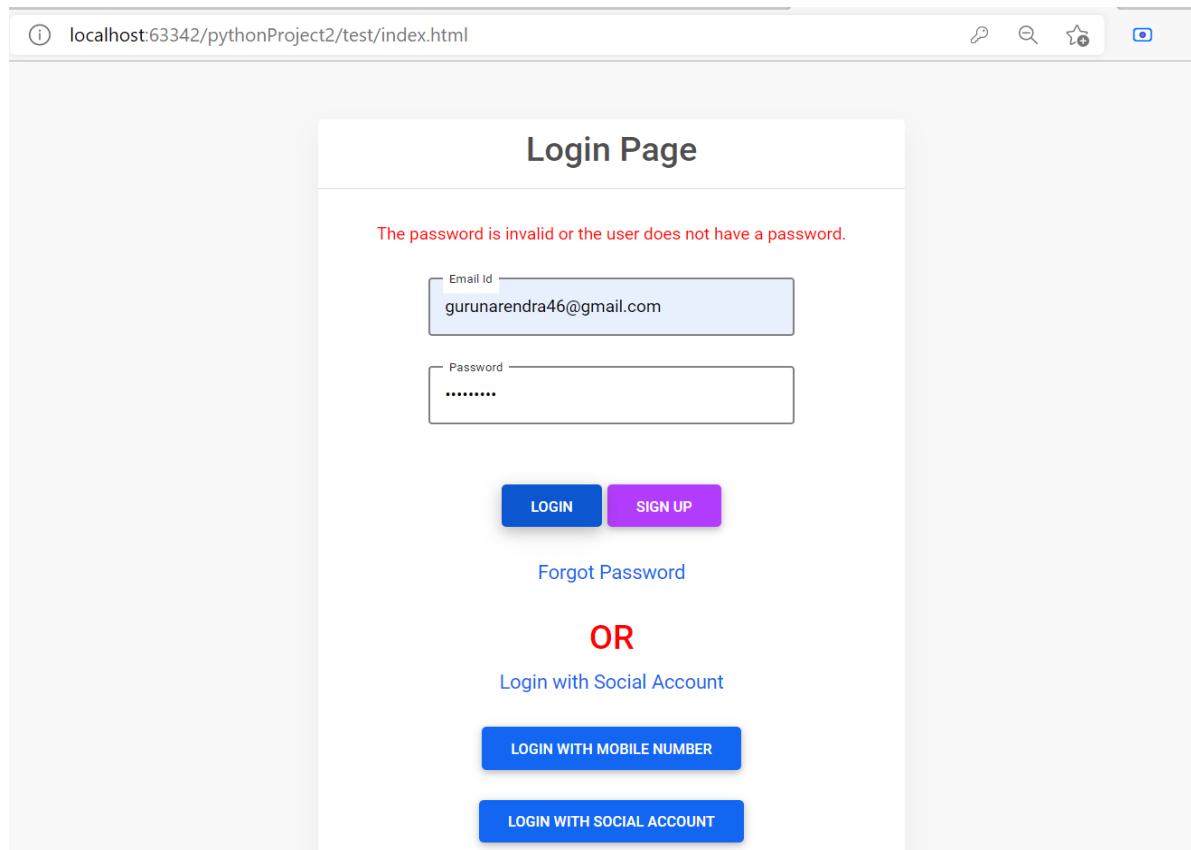
Welcome to authentication demonstration page , You are successfully logged in
web site will arrive soon.

LOGOUT

If enter credential **does not with matched** with credentials stored in Firebase data.

1.Entered username is matched but not password then it prompts

“The password is invalid or the user does not have a password.”



2. Entered username is not matched irrespective of password then it prompts

"There is no user record corresponding to this identifier. The user may have been deleted."

localhost:63342/pythonProject2/test/index.html?_ijt=v34bnqgmkg07se7jivv6lmuulr

Login Page

There is no user record corresponding to this identifier. The user may have been deleted.

Email Id
test@gmail.com

Password
...

LOGIN SIGN UP

[Forgot Password](#)

OR

[Login with Social Account](#)

LOGIN WITH MOBILE NUMBER

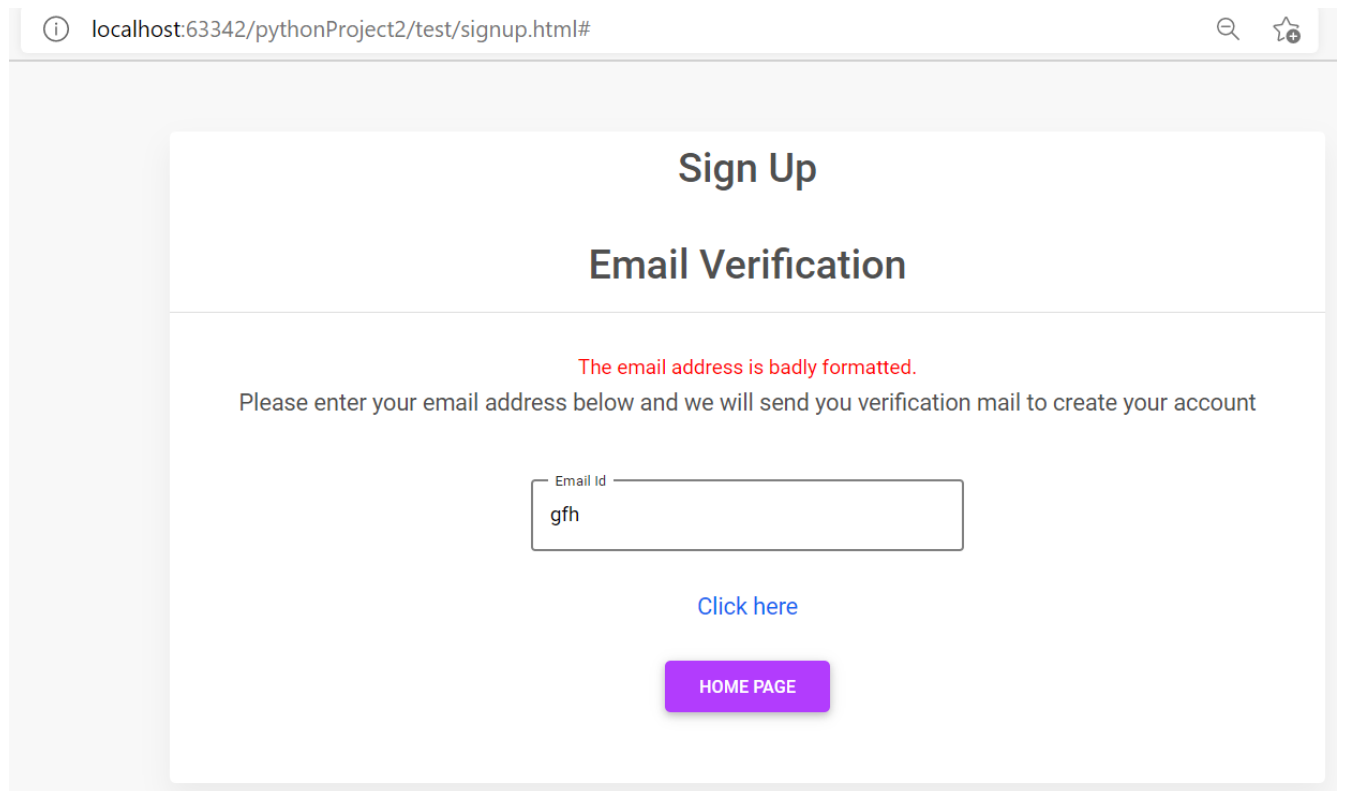
LOGIN WITH SOCIAL ACCOUNT

Need to Improve if Needed: - Add ReCAPTCHA before Login

2. Sign Up Process

1. To Sign Up the User with Manual E-mail id, click on Sign Up Button On home page
2. Enter the Email id (correct format) to send the verification Mail, if not it prompts

"The email address is badly formatted."



3.when user enter the email and click on “click here” button, verification mail will send to user email.

It Prompts like

“link sent to your email id verify and set the password then sign in”

localhost:63342/pythonProject2/test/signup.html#

il Google Maps News Translate YouTube tcs Xplore Ultimatrix - Digitally... Connect Raspberry... Your dashboard

Sign Up

Email Verification

link sent to your email id verify and set the password then sign in

Please enter your email address below and we will send you verification mail to create your account

Email Id
gurunarendra46@gmail.com

[Click here](#)

HOME PAGE

4. Check the Mail and click on the link present in the mail.

Reset your password for FileTransfer/Uploader Inbox x



Guru Narendra <noreply@lyrical-compass-321008.firebaseio.com>
to me ▾

9:28 AM (1 minute ago) ☆ ↶ ⋮

Hello,

Follow this link to reset your FileTransfer/Uploader password for your gurunarendra46@gmail.com account.

https://lyrical-compass-321008.firebaseio.com/_/auth/action?mode=resetPassword&oobCode=Kv7Ey_KabnBfapTo4pB_wNtjqbaw2SduO8PINxg3bUMAAAF7TRxRhA&apiKey=AlzaSyDd2HHFvyl-49ivWsRi2IsNCxYg2-3KZ1o&lang=en

If you didn't ask to reset your password, you can ignore this email.

Thanks,

Your FileTransfer/Uploader team

↶ Reply

➡ Forward

5. after clicking on the link, enter the password

seapp.com/__/auth/action?mode=resetPassword&oobCode=Kv7Ey_KabnBfapTo4pB_wNtjqbaw2SduO8Pl

Jews  Translate  YouTube  Xplore  Ultimatix - Digitally...  Connect Raspberry...  Your...

Reset your password

for **gurunarendra46@gmail.com**

New password



SAVE

6. Make sure to enter the strong password that contains at least six characters. If not, it prompts

“Strong Passwords has at least six characters and a mix of letters and numbers”

321008.firebaseio.com/_/auth/action?mode=resetPassword&oobCode=Kv7Ey_KabnBfapTo4pB_wNtjqbaw2SduO8PINxg3bUMAAAF7

Maps News Translate YouTube Xplore Ultimatrix - Digitally... Connect Raspberry... Your dashboard

Reset your password

for **gurunarendra46@gmail.com**

New password

• 

Strong passwords have at least 6 characters and a mix of letters and numbers

SAVE

7. Make sure to enter the strong password that contains at least six characters. If yes, it shows

008.firebaseio.com/__/auth/action?mode=resetPassword&oobCode=Kv7Ey_KabnBfapTo4pB_wNtjqbaw2SduO8PINxg3

laps News Translate YouTube Xplore Ultimatrix - Digitally... Connect Raspberry... Your dashb

Password changed

You can now sign in with your new password

Drawback: Even the credentials already present in firebase data, if the user enters same email id, it will send the verification mail.

Solution: - check whether the user data is already present in database.

Need to improve: it's not working for all users, need help for update/ sign up process.

Note:

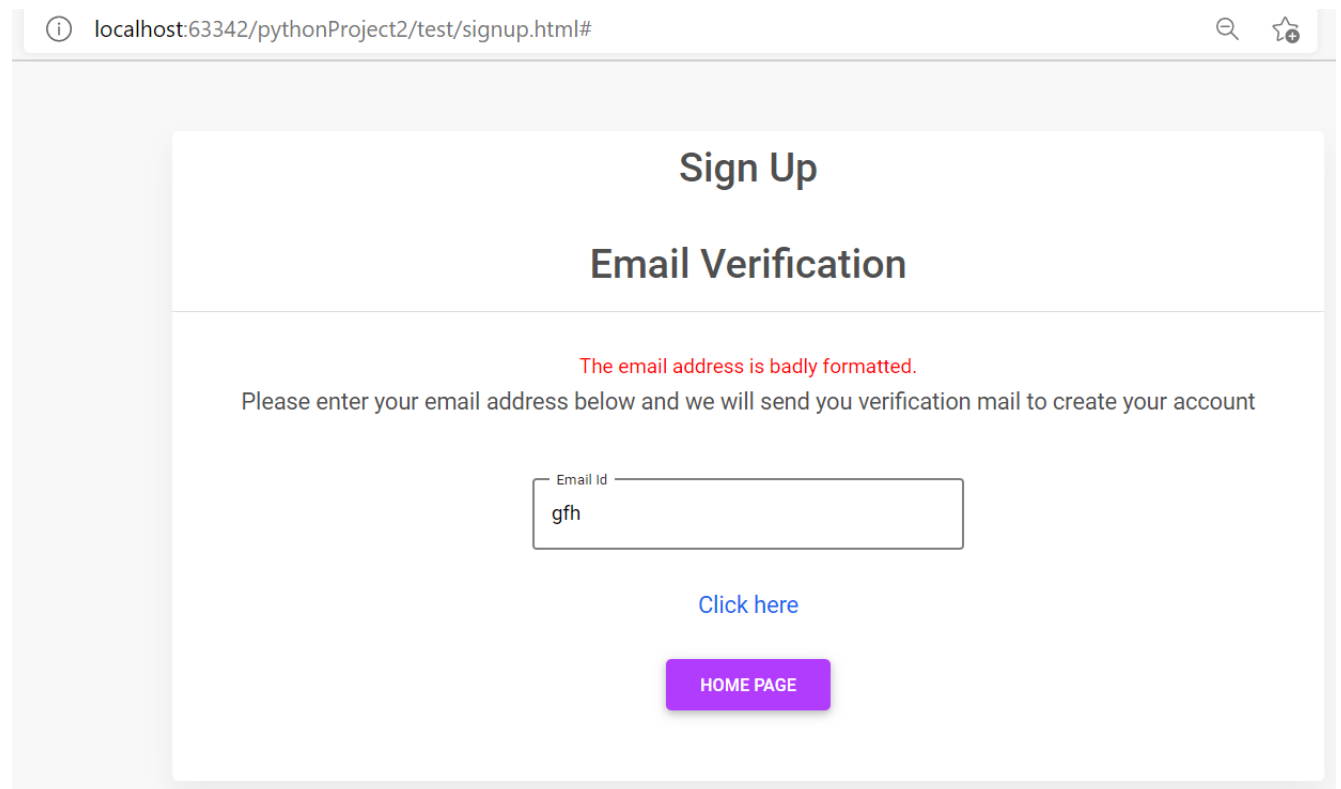
Same method for forgot Password in terms of sending the verification mail to respective email.

3.Forgot Password

1.For forgot Password action, click on *forgot password* Button On home page.

2. Enter the Email id (correct format) to send the verification Mail, if not it prompts

“The email address is badly formatted.”



localhost:63342/pythonProject2/test/signup.html#

Sign Up

Email Verification

The email address is badly formatted.

Please enter your email address below and we will send you verification mail to create your account

Email Id

gfh

[Click here](#)

HOME PAGE

3. when user enter the email and click on “click here” button, verification mail will send to user email.

It prompts

“Reset link sent to your email id, check -verify then sign in”

localhost:63342/pythonProject2/test/forgot.html#

Reset Your Password

Reset link sent to your email id ,check -verify then sign in

Please enter your email address below and we will send you verification mail to recover your account

Email Id
gurunarendra46@gmail.com

[Click here To Reset](#)

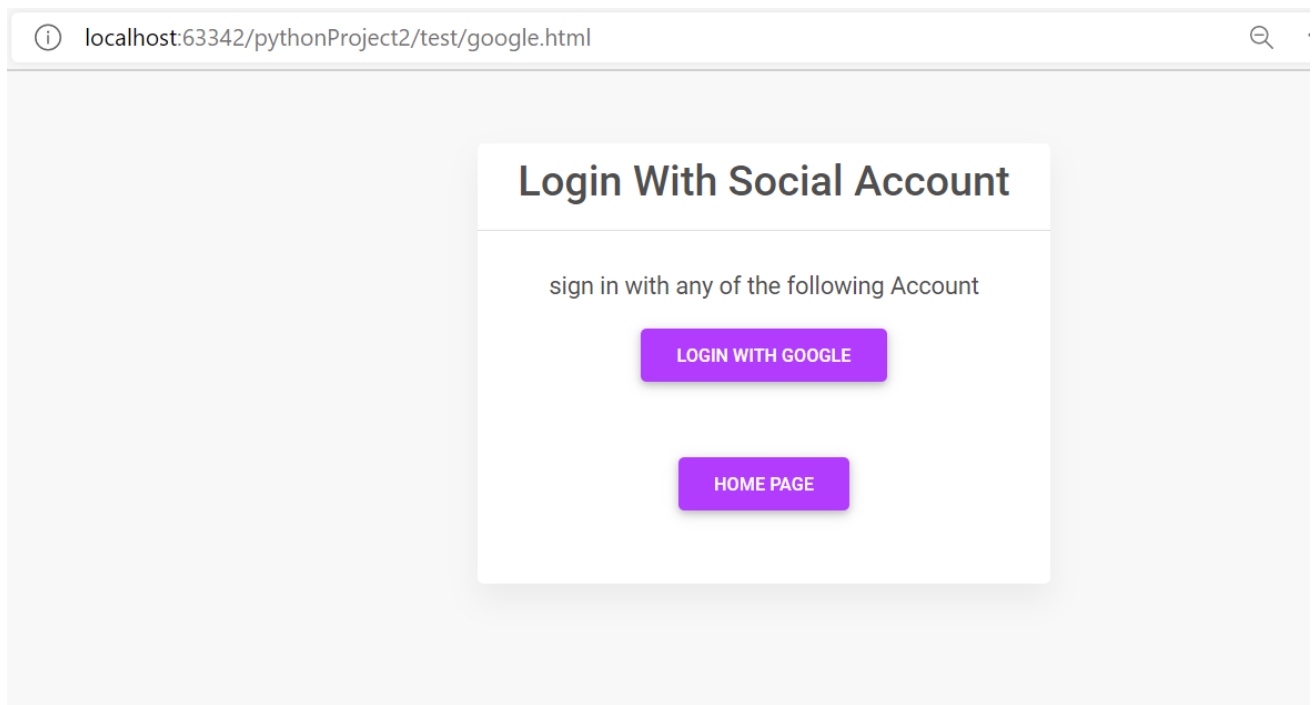
SIGN IN

4.Remaining Steps are same as in Sign Up process from step 4 to step 7

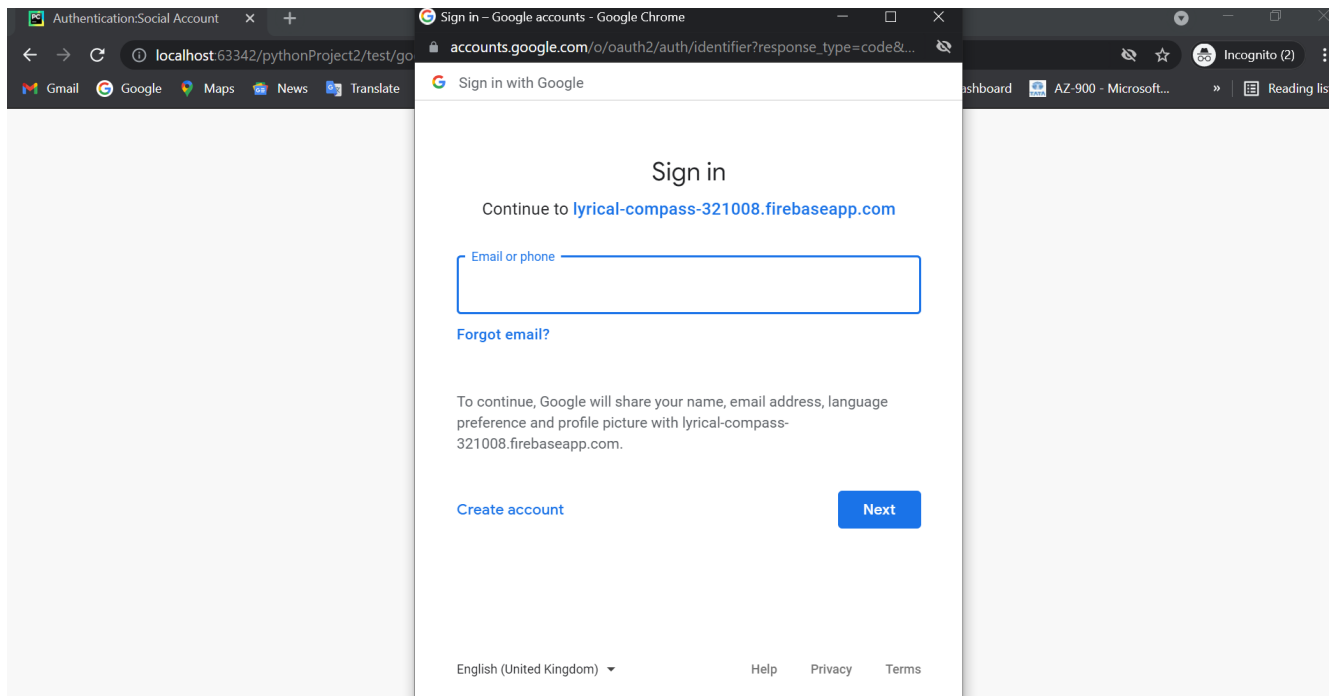
Note: -This Forgot Password works only if the user data already exists in Firebase Data.

4.Login with Google

- 1.To Login with Google the User, click on *login with social account* Button On home page.
- 2.After clicking ,it will shows



3.click on LOGIN WITH GOOGLE Button, then it will pop up Gmail sign in. Enter the Gmail account corresponding credential.

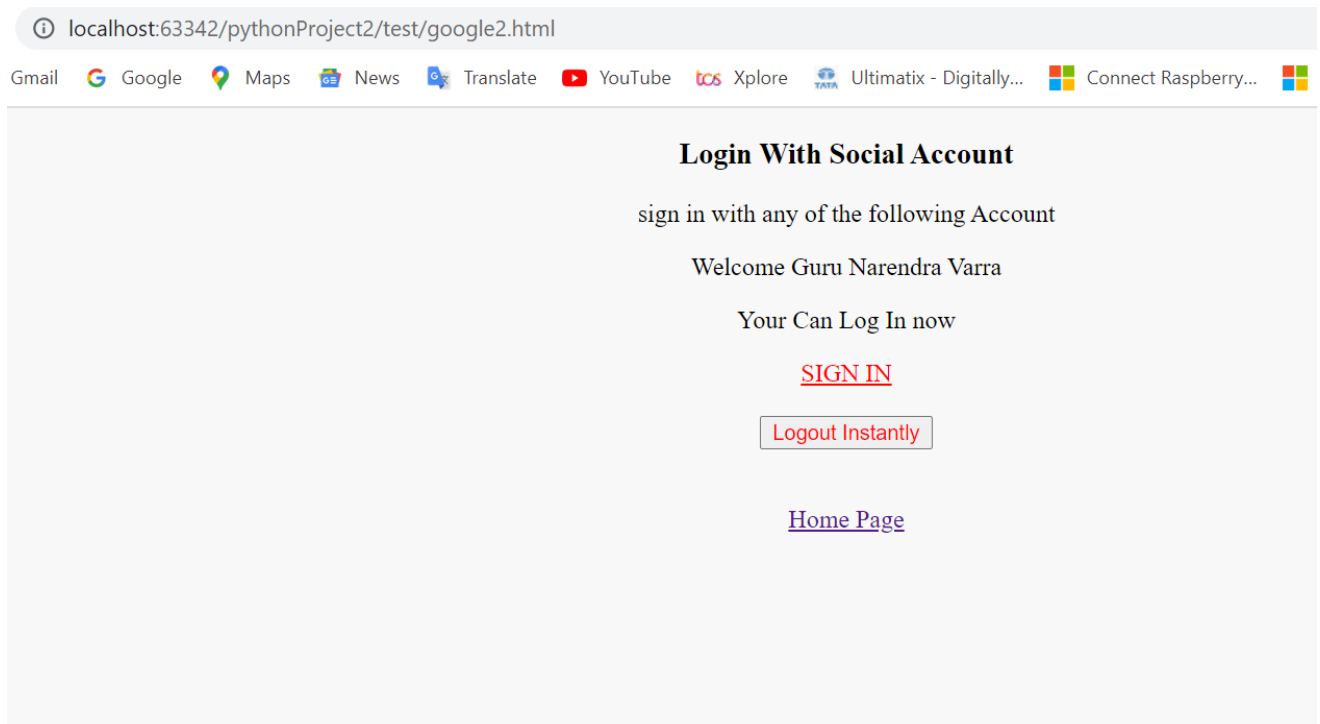


4.After Successfully logged in, it will show

Note:

if the user Already login with his/her Gmail account, it will ask you for onetime then automatically take the mail.

If multiple Gmail login in the browser, it will ask the user every time which Gmail you want use to login in.



5.This is one more request whether the user wants enter the website if not user can directly logout instantly.

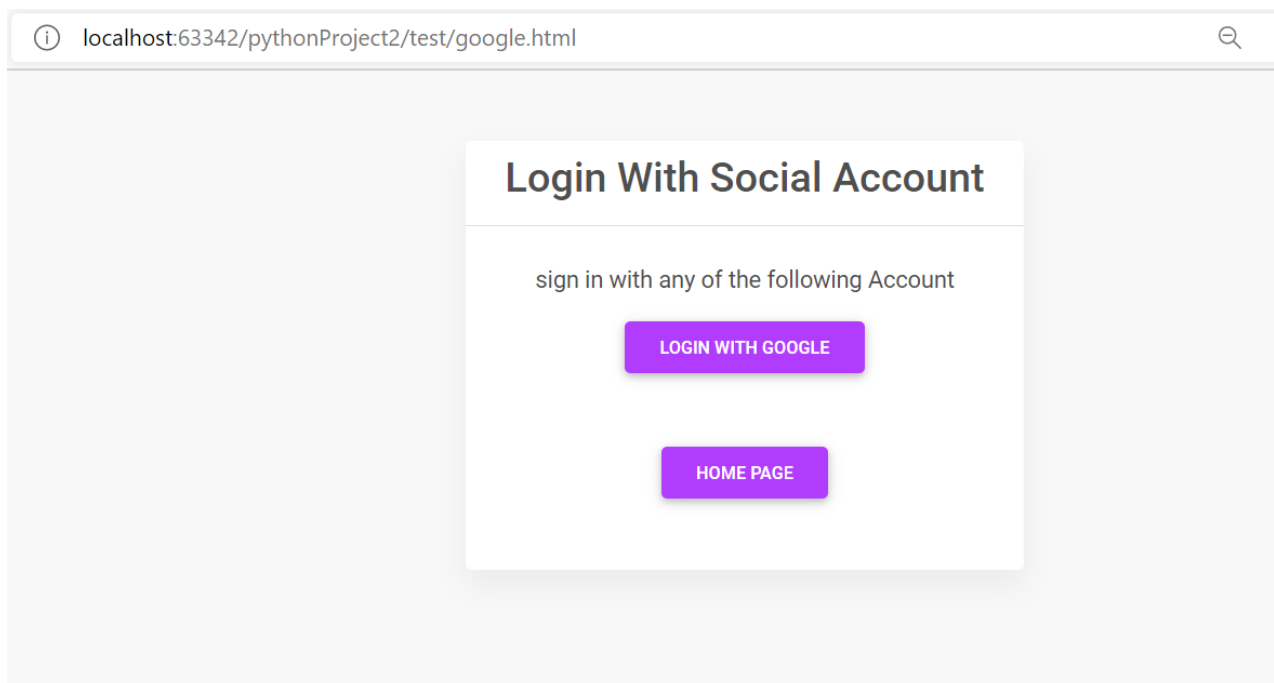
i) if user click on SIGN IN, it will be redirected to website

Hello, gurunarendra46@gmail.com

Welcome to authentication demonstration page , You are successfully logged in
web site will arrive soon.

LOGOUT

ii) if user click on Logout Instantly, it will be redirected to Login with Google Page.



5.Login with Mobile Number

1.To Login with Mobile Number , click on *login with Mobile Number* Button On home page.


2.Follow the images

localhost:63342/pythonProject2/test/phoneNumber.html

Enter Mobile Number To Login

+91XXXXXXXXXX

I'm not a robot


reCAPTCHA
[Privacy](#) · [Terms](#)

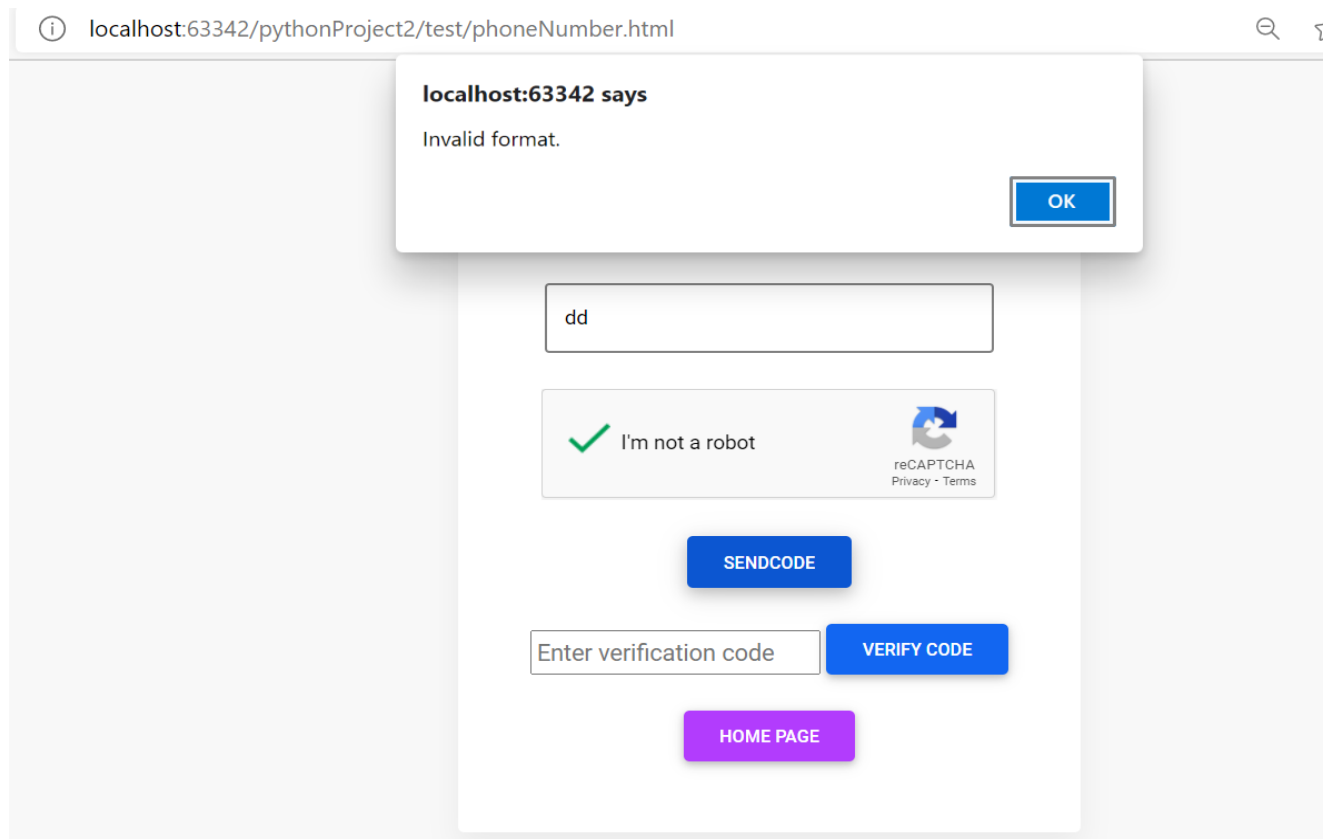
SEND CODE

Enter verification code

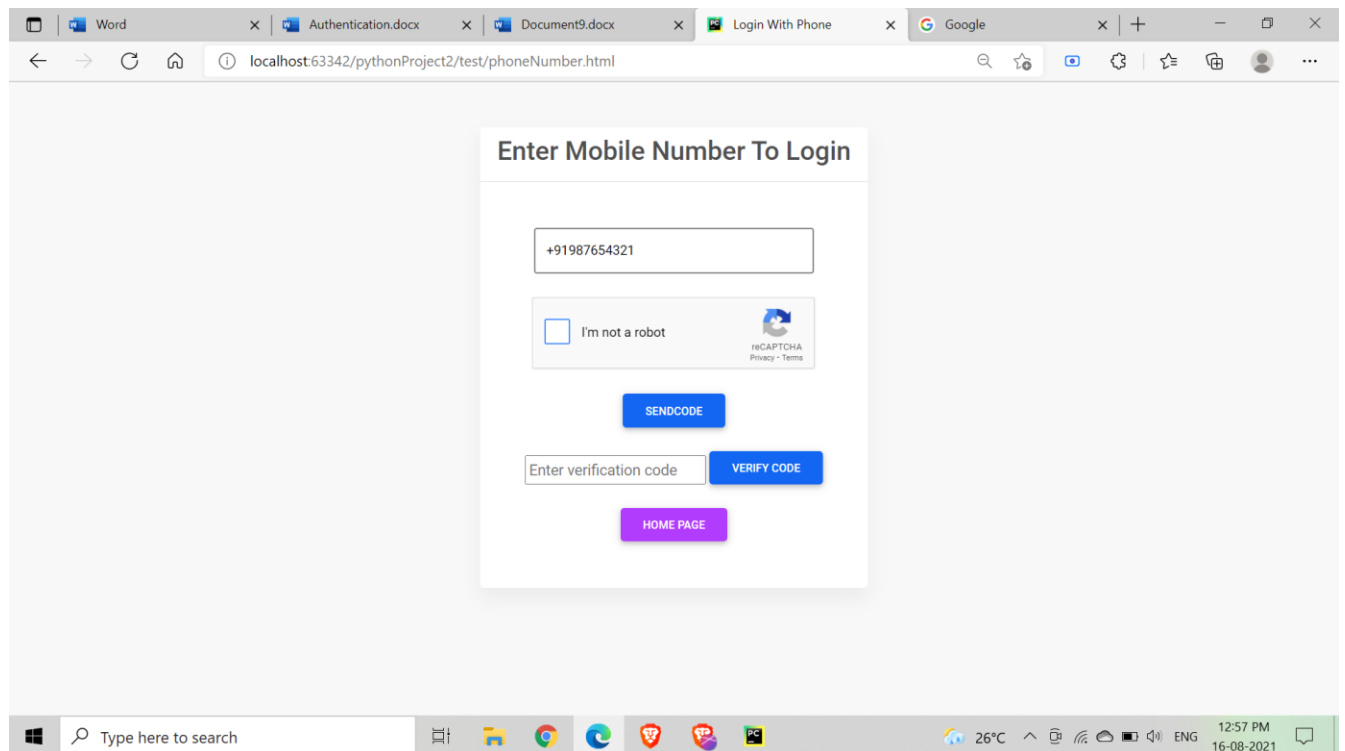
VERIFY CODE

HOME PAGE

3.if user enter the number invalid, it shows



4. Enter the Number with format of “ ‘ + “country code’ ‘Mobile Number’ ” I.e. +91987654321 ,+
Total twelve digits and +(plus button)



Note:

Enter the phone number in a format that can be parsed into E.164 format. E.164 phone numbers are written in the format [+][country code][subscriber number including area code].

If Format is wrong, some of the error Prompts are

localhost:63342 says

TOO_LONG

OK

Verification Code Sent to Your Registered Mobile Number!

+91879564321357

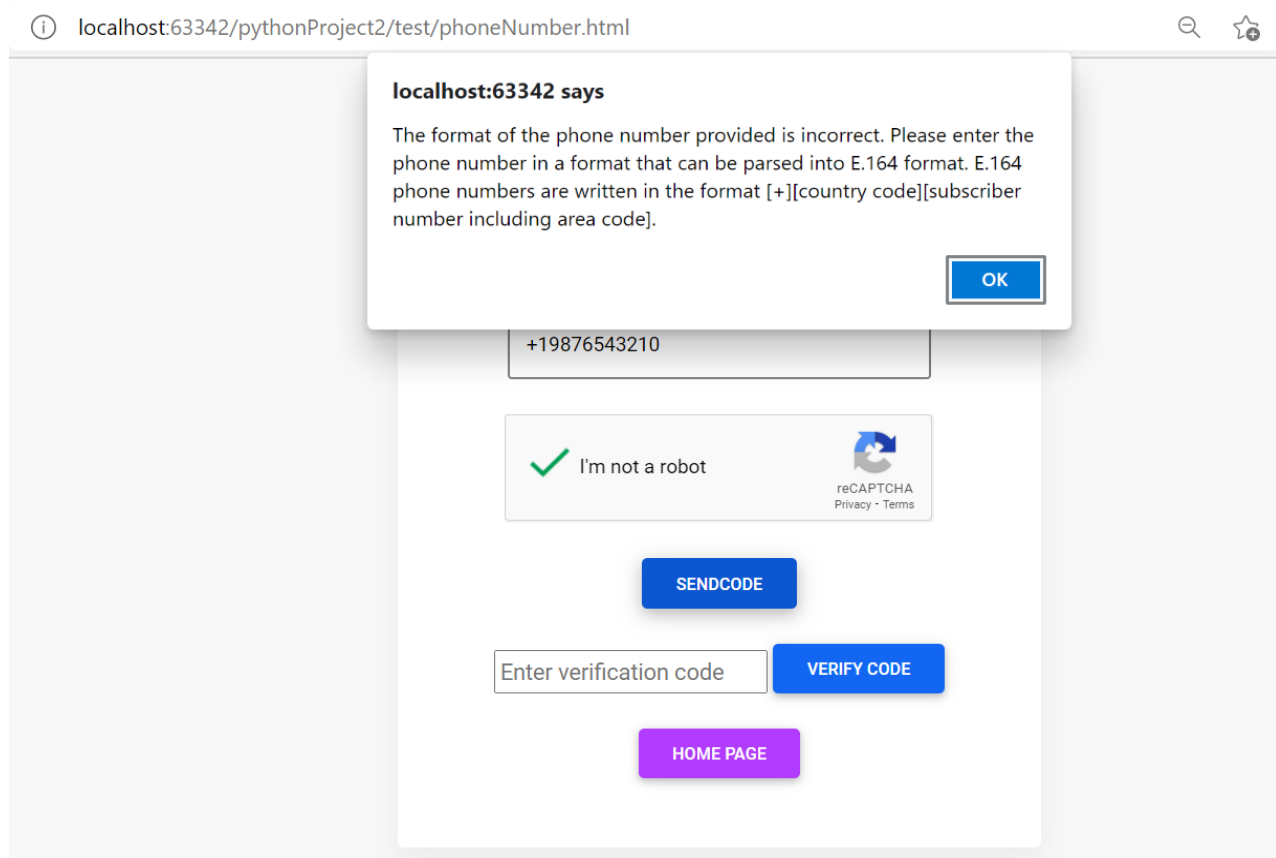


SENDCODE

Enter verification code

VERIFY CODE

HOME PAGE



5. After entering the valid mobile Number, verify that user is not robot, if user failed to verify, some of the prompts are

Enter M

+9198

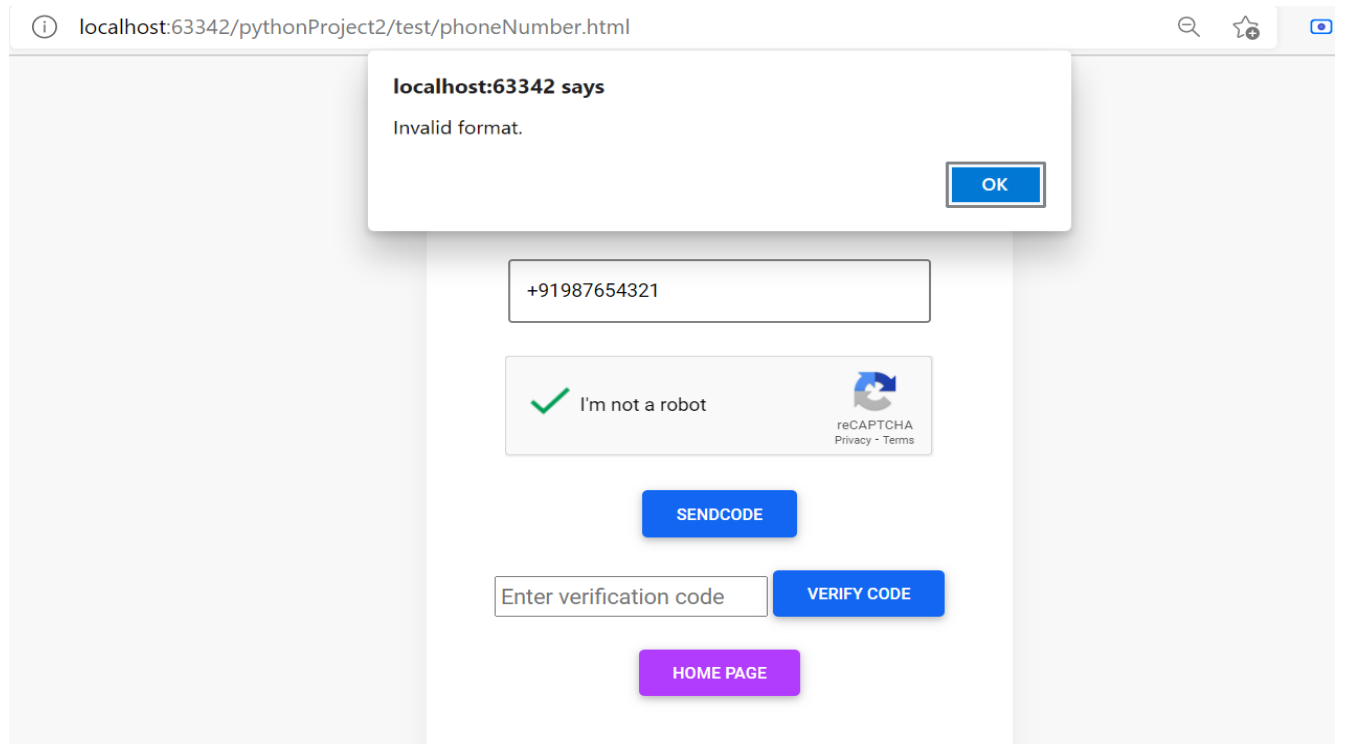
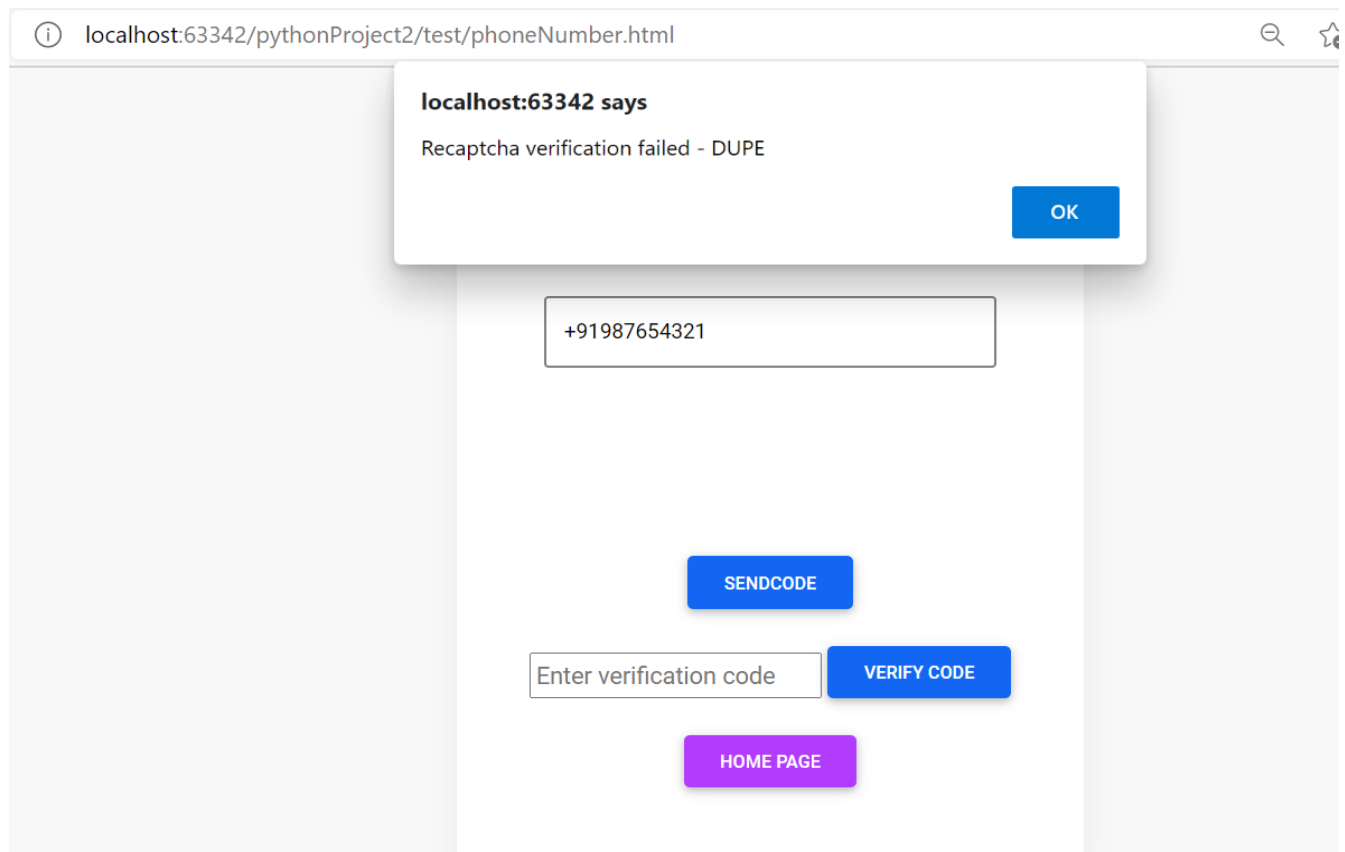


Enter ve

Select all images with
boats



VERIFY




6. After Successful verification, SMS will send to entered mobile number.

localhost:63342/pythonProject2/test/phoneNumber.html

Enter Mobile Number To Login

Verification Code Sent to Your Registered Mobile Number!

+919876543210

☐ I'm not a robot  reCAPTCHA
Privacy - Terms

SEND CODE

Enter verification code VERIFY CODE

HOME PAGE


7. enter the verification number and verify the code if not, it prompts

“The SMS verification code used to create the phone auth credential is invalid. Please resend the verification code sms and be sure use the verification code provided by the user.”

Enter Mobile Number To Login

The SMS verification code used to create the phone auth credential is invalid. Please resend the verification code sms and be sure use the verification code provided by the user.

+917702990210

☐ I'm not a robot  reCAPTCHA
Privacy - Terms

SEND CODE

123456 VERIFY CODE

HOME PAGE

7. For successful verification, it will enter to the website.

Hello, null

Welcome to authentication demonstration page , You are successfully logged in
web site will arrive soon.

LOGOUT

Need to add:

1.Delete Account after Successful login:

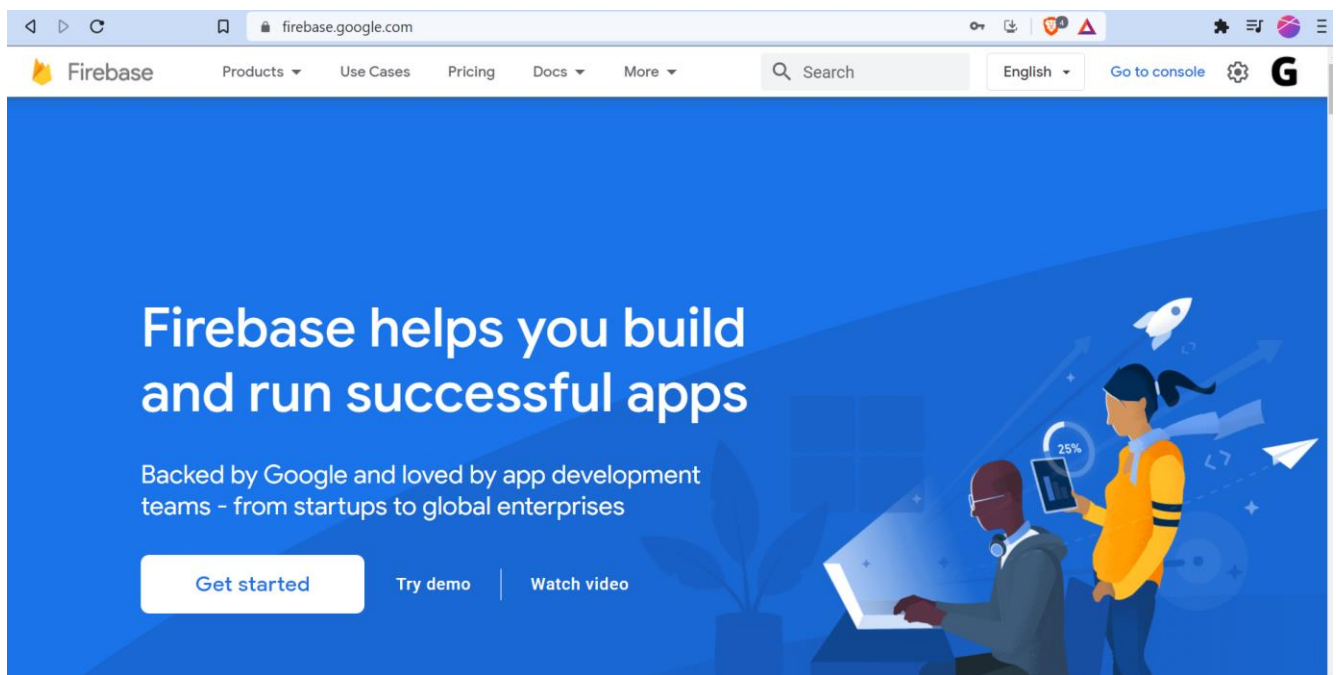
i) deactivate Account (after 30 days delete)

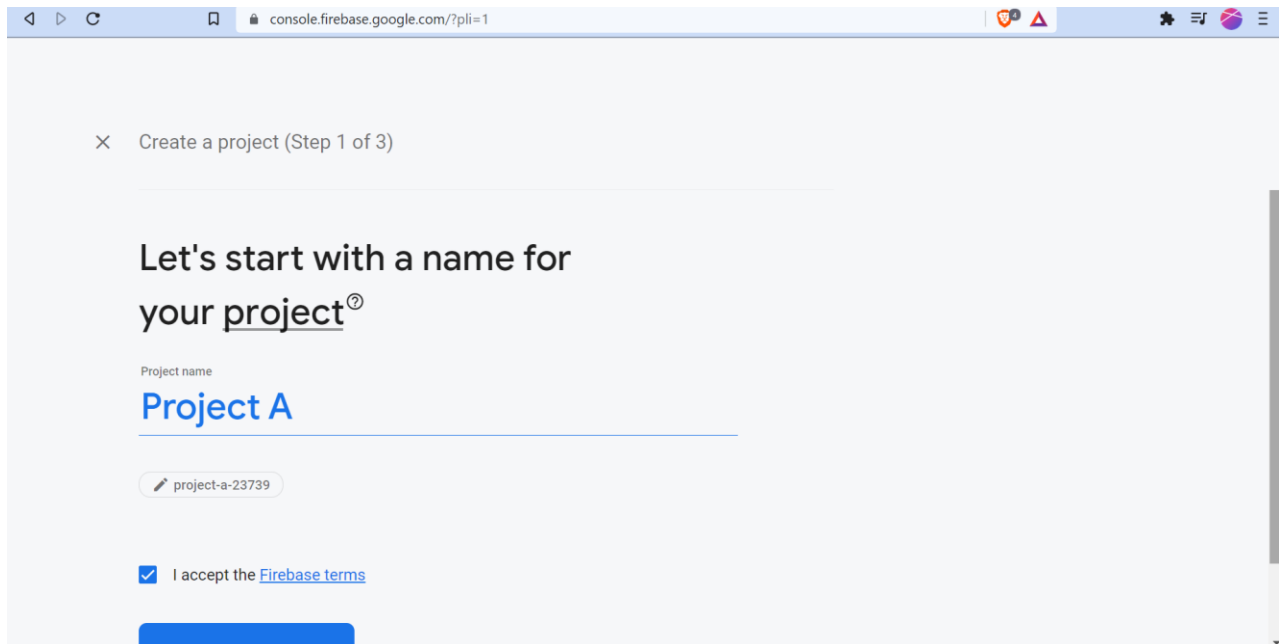
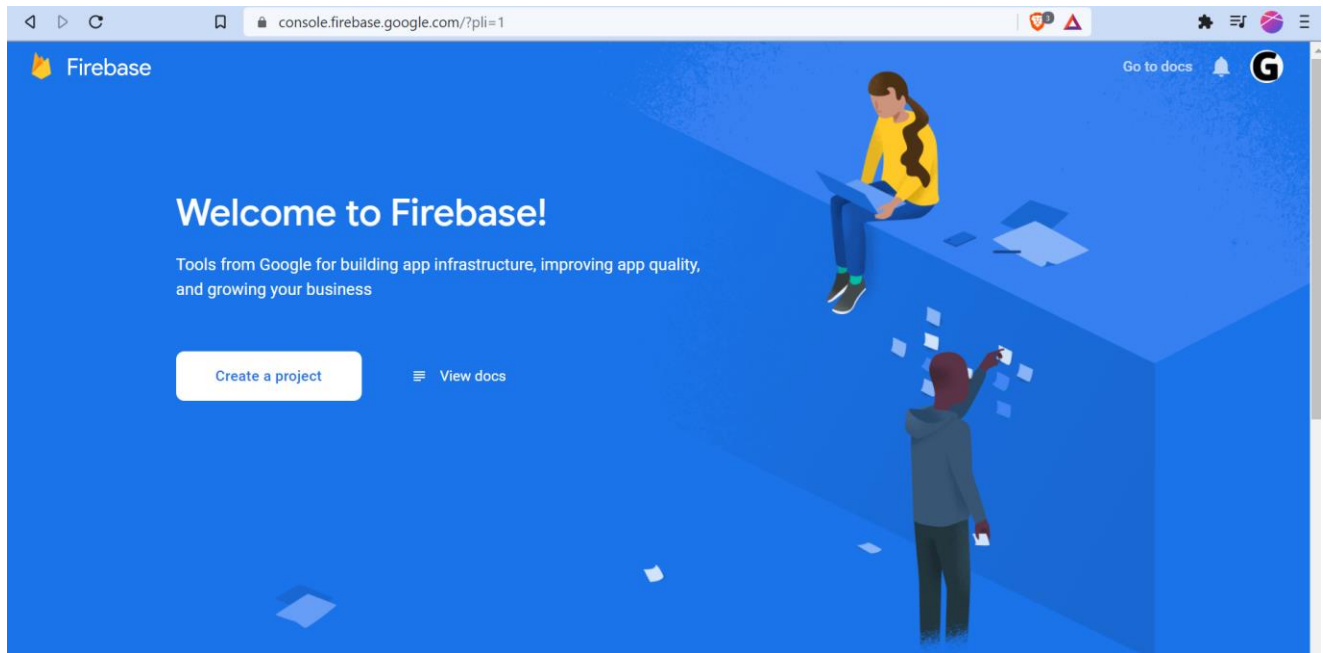
ii>Delete Account permanently

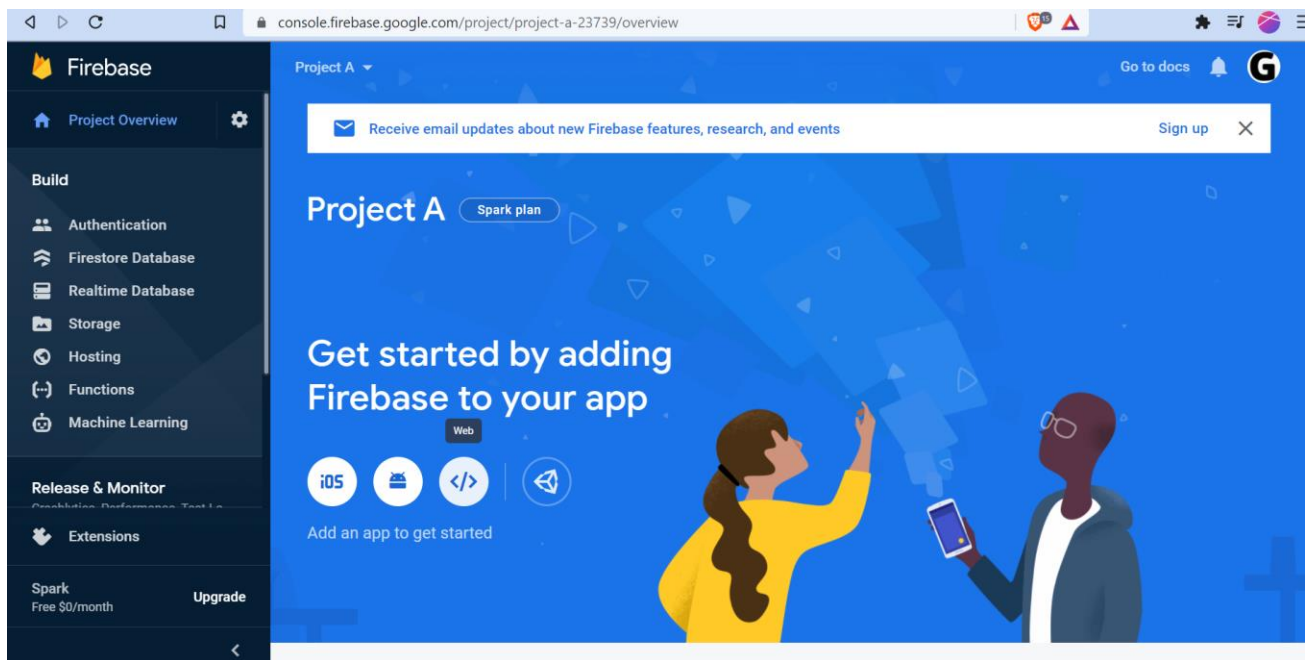
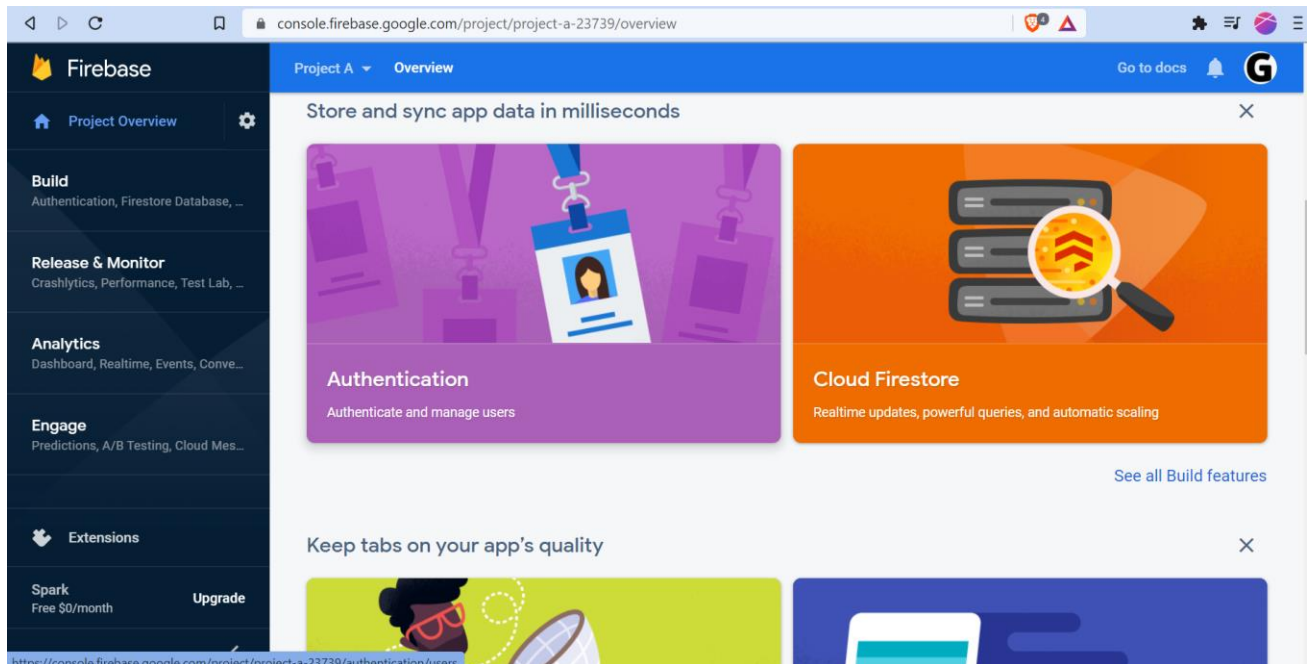
Authentication

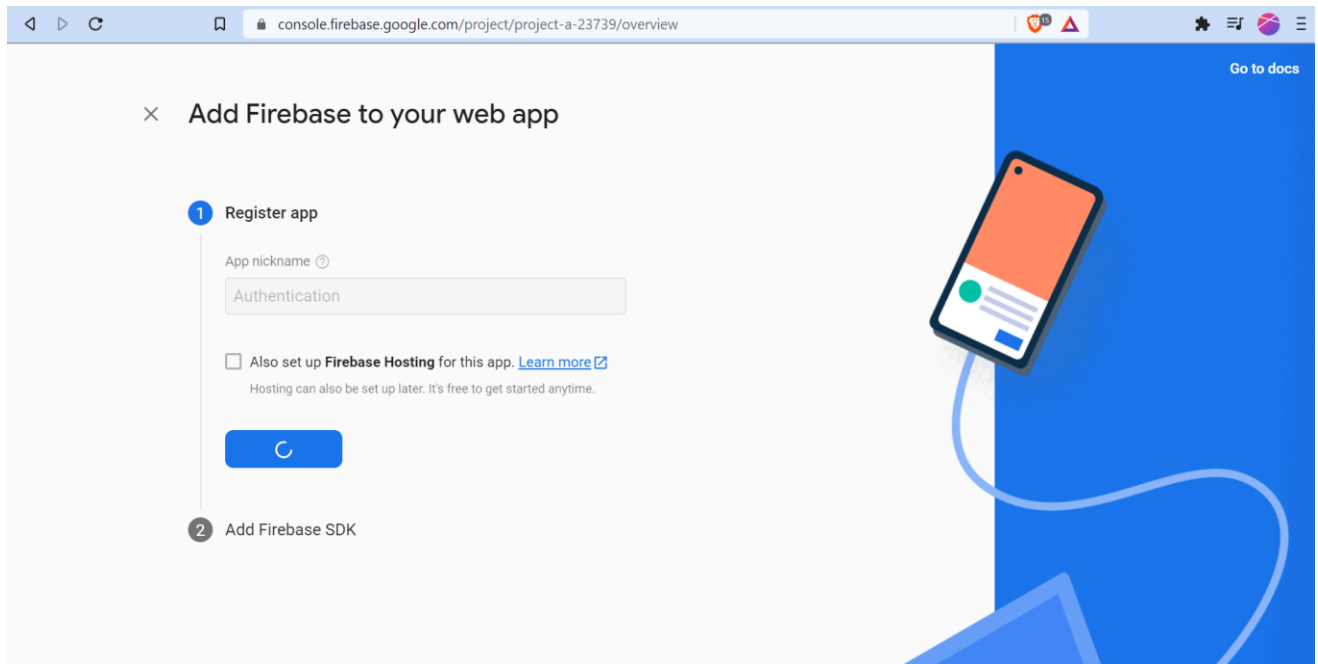
Follow the the below steps

1. Go to the [Firebase website](https://firebase.google.com) and sign up for an account if you don't already have one. You can log in with a Google account for easy access.
2. When you log in, you should be directed to the Firebase console. You can manage all of your projects here. Go ahead and create a new one by clicking the blue **CREATE NEW PROJECT** button.
- 3.

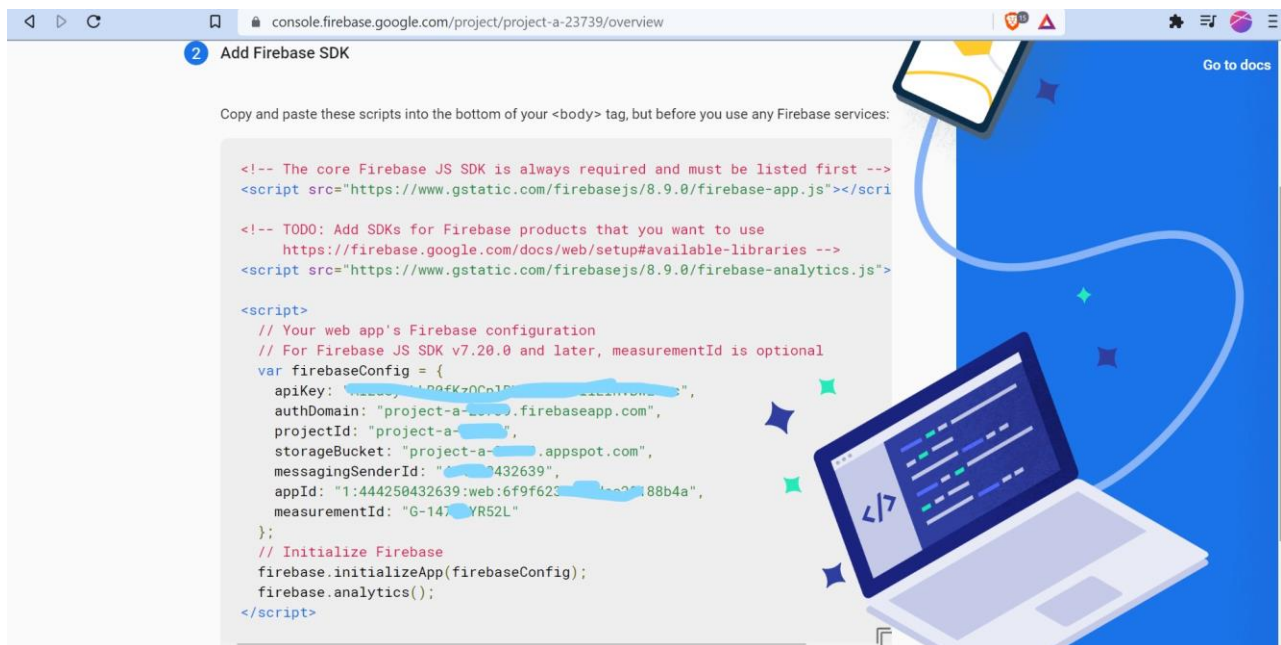








Copy the code which is shown below, this is the main part to interact with firebase and code which we are going to built.



Once you create your project, you'll be redirected to your project's console overview. If you check the URL at the top of your browser, you'll see something like **https://console.firebase.google.com/project/XXXXXX**, where the part of the URL after **/project/** matches your project's name.

The top screenshot shows the 'Email address verification' template configuration in the Firebase console. The 'Email address verification' template is selected. The configuration details are as follows:

Field	Value
Sender name	[Redacted]
From	noreply@lyrical-compass-321008.firebaseio.com
Reply to	[Redacted]@gmail.com
Subject	Verify your email for %APP_NAME%
Message	

The bottom screenshot shows the 'Authentication' overview page. The 'Users' tab is selected. A table lists the users:

Identifier	Providers	Created	Signed In	User UID
+917702990210	[Phone icon]	Aug 12, 2021	Aug 12, 2021	YeFNCQcXLvawkAO9BpqMwOW7d...
gurunarendra46@gmail.com	[Google icon]	Aug 12, 2021	Aug 12, 2021	dHJCynWRXrNHCQ17e0gAHI5GG...

These are sign in methods for the Authentication. To get the privileges from particular sign in method, we need to enable it.

For email/password, phone just enable it which is shown below page at status.

For remaining like Google, Twitter, Facebook, GitHub, we need the API keys.

These API keys are pulled in to particular Sign in Provider, then it will work.

console.firebase.google.com/project/lyrical-compass-321008/authentication/providers

Apps Gmail Google Maps News Translate YouTube tcs Xplore Ultimatrix - Digitally... Connect Raspberry... Your dashboard » Reading list

Firestore

Project Overview

Build

- Authentication
- Firestore Database
- Realtime Database
- Storage
- Hosting
- Functions

Extensions

Spark Free \$0/month Upgrade

My Project Authentication Go to docs

Sign-in providers

Provider	Status
Email/Password	Enabled
Phone	Enabled
Google	Enabled
Play Games	Disabled
Game Center	Disabled
Facebook	Disabled
Twitter	Disabled

console.firebase.google.com/project/lyrical-compass-321008/authentication/providers

Apps Gmail Google Maps News Translate YouTube tcs Xplore Ultimatrix - Digitally... Connect Raspberry... Your dashboard » Reading list

Firestore

Project Overview

Build

- Authentication
- Firestore Database
- Realtime Database
- Storage
- Hosting
- Functions

Extensions

Spark Free \$0/month Upgrade

My Project Authentication Go to docs

Email/Password	Enabled
Phone	Enabled

Google

Enable

Google sign-in is automatically configured on your connected iOS and web apps. To set up Google sign-in for your Android apps, you need to add the [SHA1 fingerprint](#) for each app on your [Project Settings](#).

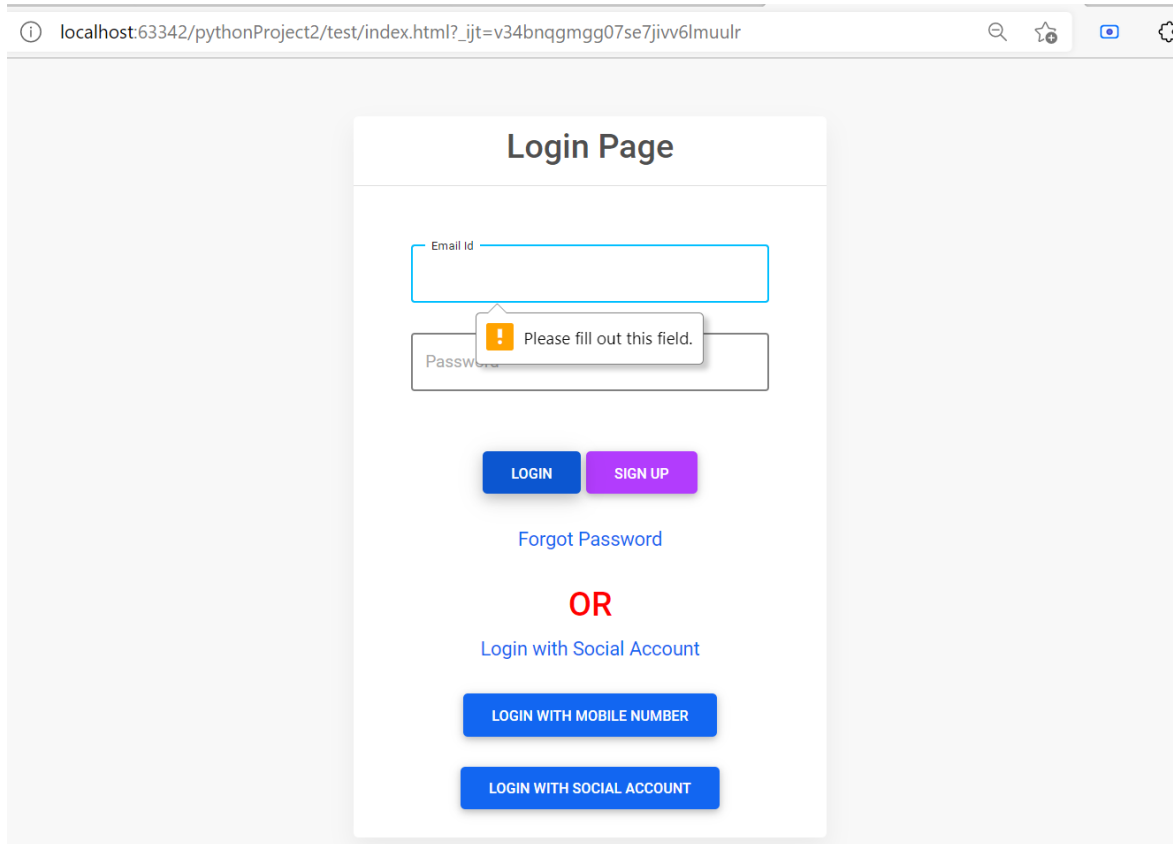
Safelists client IDs from external projects (optional) Ⓢ

Web SDK configuration Ⓢ

Cancel Save

Sign up Process

1. Click on Sign in Button on home page



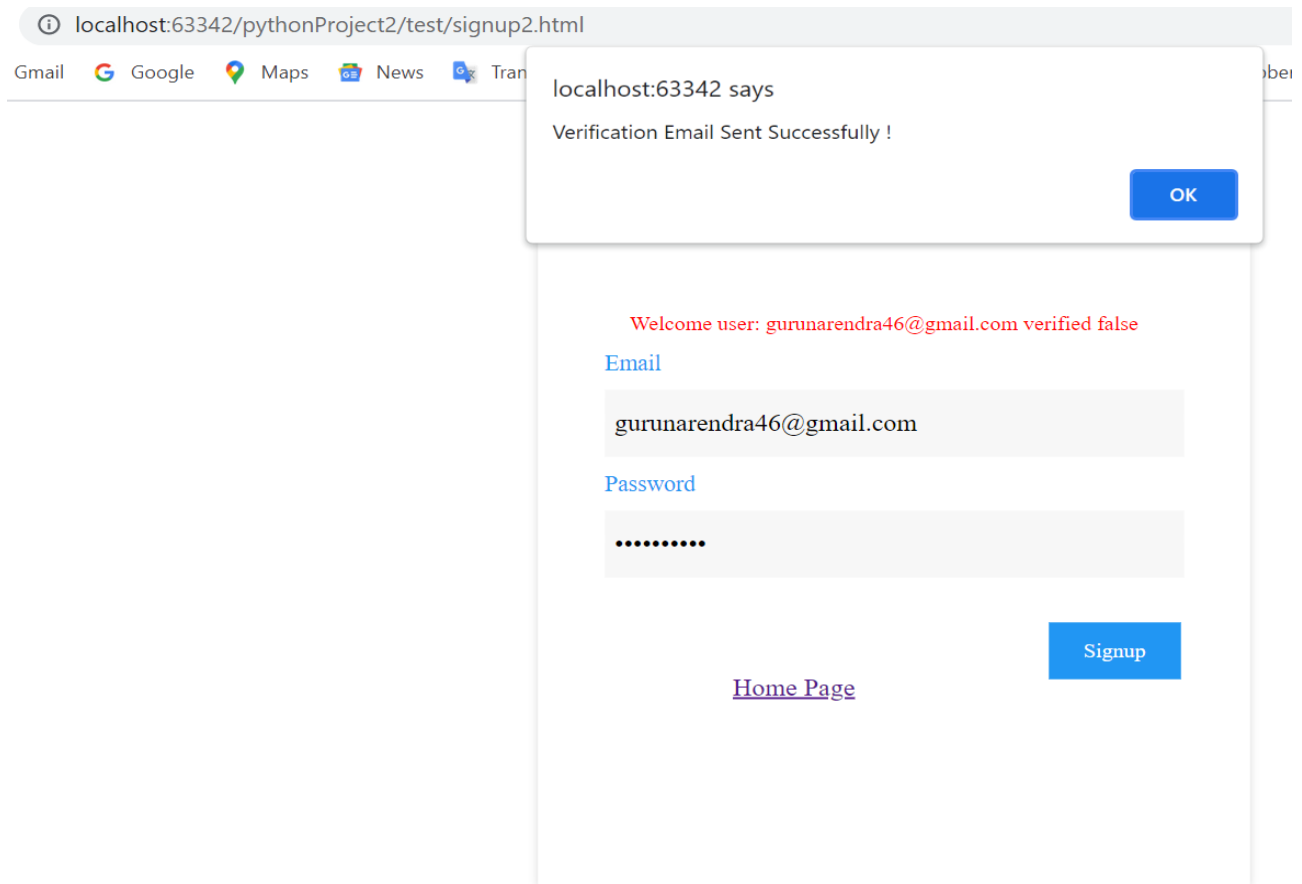
The screenshot shows a web browser window with the address bar displaying 'localhost:63342/pythonProject2/test/index.html?_ijt=v34bnqgmkg07se7jivv6lmuulr'. The page content is a 'Login Page' with the following elements:

- Email Id** input field: Contains a validation error message: 'Please fill out this field.'
- Password** input field: Partially visible.
- LOGIN** button: A blue button.
- SIGN UP** button: A purple button.
- Forgot Password** link: A blue text link.
- OR** separator: A red text separator.
- Login with Social Account** text: A blue text link.
- LOGIN WITH MOBILE NUMBER** button: A blue button.
- LOGIN WITH SOCIAL ACCOUNT** button: A blue button.

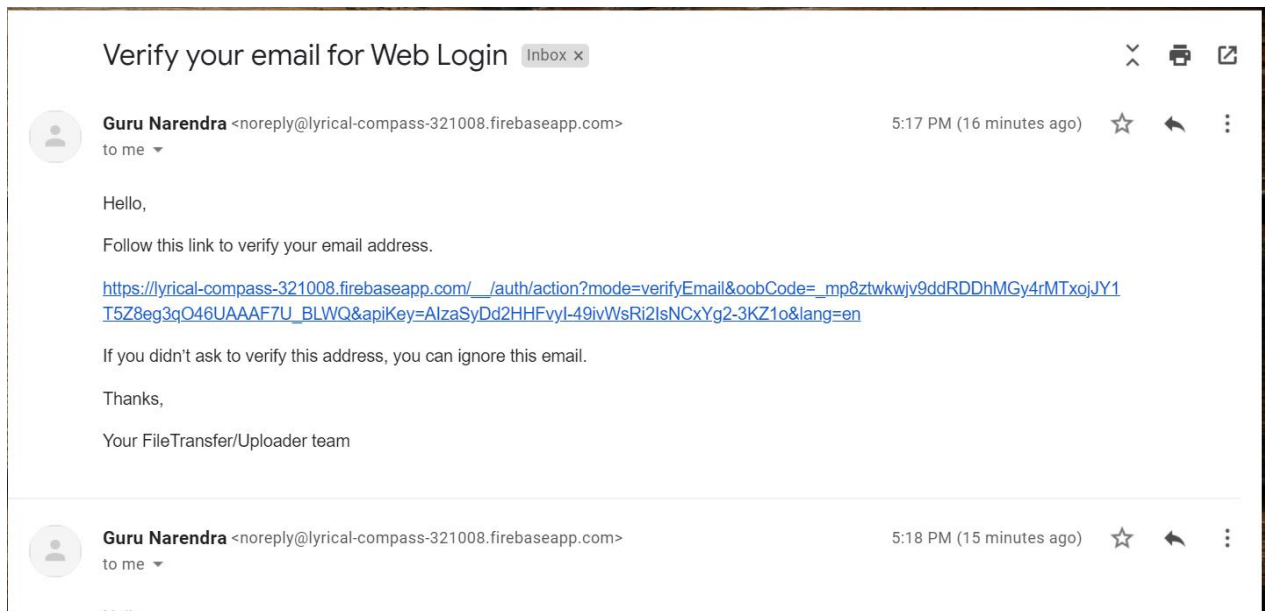
2. Enter the email and password which are credentials to login.

Note: -

Entered email must verify then only credentials are valid. Verification email sent to entered email address

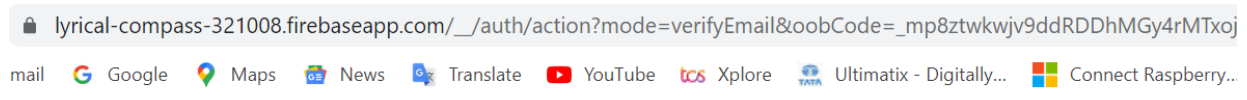


3.Verification Mail sent to email address.



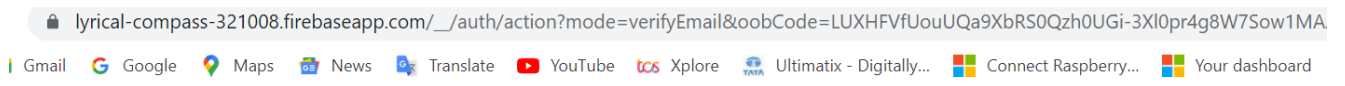
Case1: -

If verification link is expired, it shows like



Case2: -

If verification link not expired, email will be verified.



4. After Successful creation of Account, enter the credential in login Form

If Email is not Verified

Login Page

test4@gmail.com Is Not Verified !!
Verification of Your Mail is needed To login, check ur email

Email Id
test4@gmail.com

Password
.....

LOGIN

SIGN UP

[Forgot Password](#)

OR

[Login with Social Account](#)

LOGIN WITH MOBILE NUMBER

If Email is verified

It will login into web site

Hello, gurunarendra46@gmail.com

Welcome to authentication demonstration page , You are successfully logged in
web site will arrive soon.

LOGOUT

DELETE ACCOUNT

5.if user want to delete the Account, click on delete button, it prompts and redirected to home Page.

localhost:63342 says

Your Account deleted ,Sorry to you Go #GoodBye

OK

Hello, gurunarendra46@gmail.com

Welcome to authentication demonstration page , You are successfully logged in
web site will arrive soon.

LOGOUT

DELETE ACCOUNT

6.if Admin blocked your Account, then it will shows

localhost:63342/pythonProject2/test/index.html

ail Google Maps News Translate YouTube Xplore Ultimatrix - Digitally... Connect Raspberry...

Login Page

The user account has been disabled by an administrator.

Email Id

Password

LOGIN

SIGN UP

Forgot Password

OR

Login with Social Account

Need To improve: -

If the User verify his email address as soon as possible, then user can accessible to the website.

Otherwise

If Verification link was expired, User want to verify his email for login again.

Expired verification mail is not valid so that user may try for sign up again with that email.

This email is not valid because it is already stored in firebase data.it prompts

"The email address is already in use by another account."