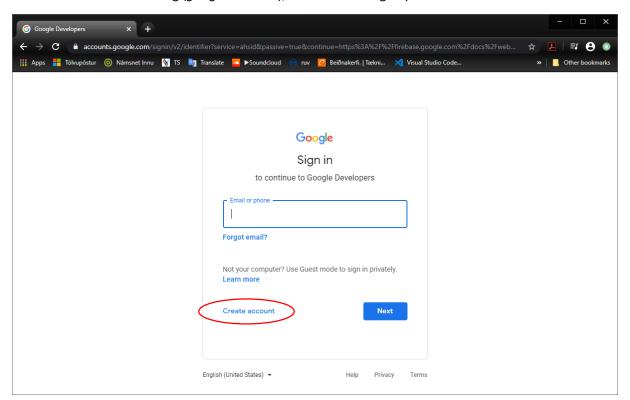
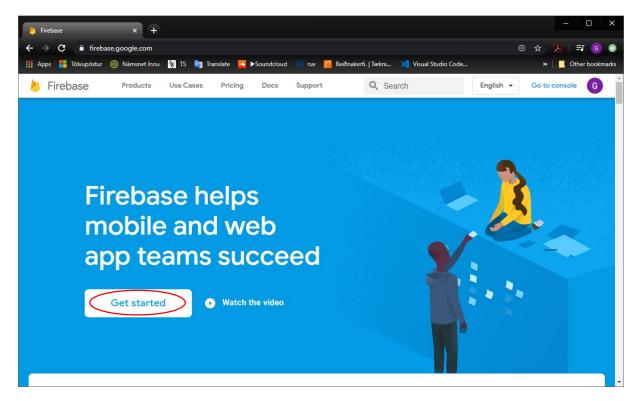
Firebase gagnagrunnur

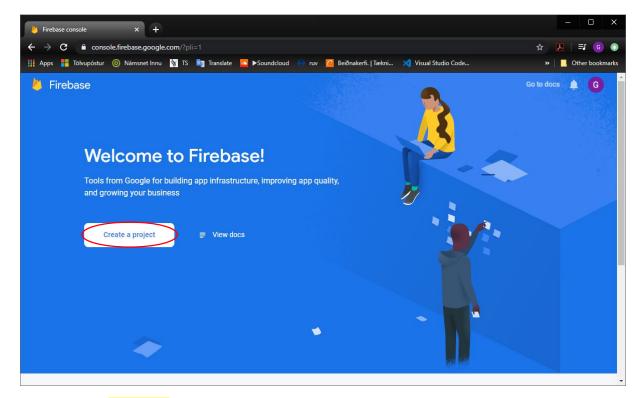
Nemendur verða að skrá sig (google account), búðu til reikning ef þú ert ekki með hann.



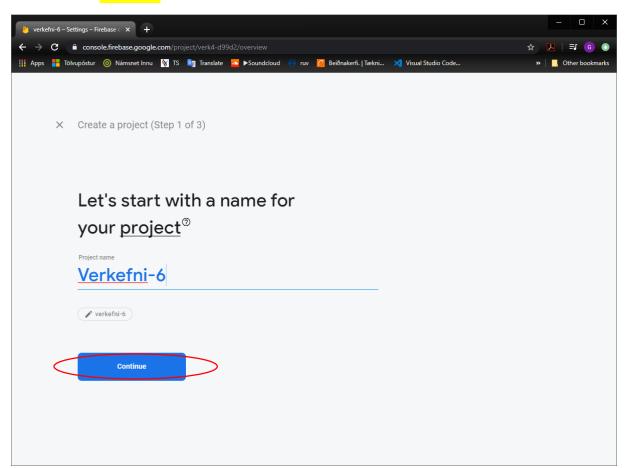


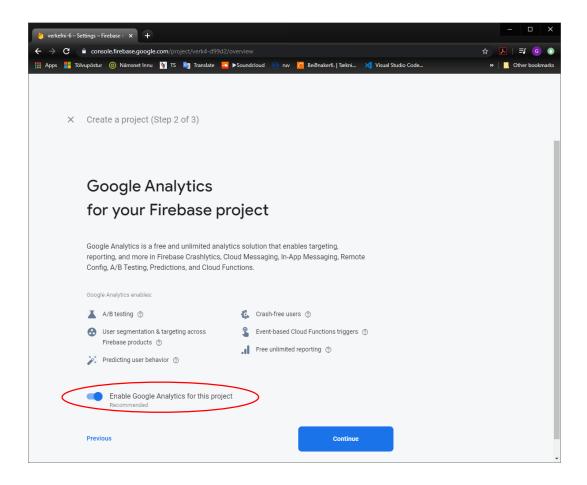
Firebase Authentication with Python including Flask API

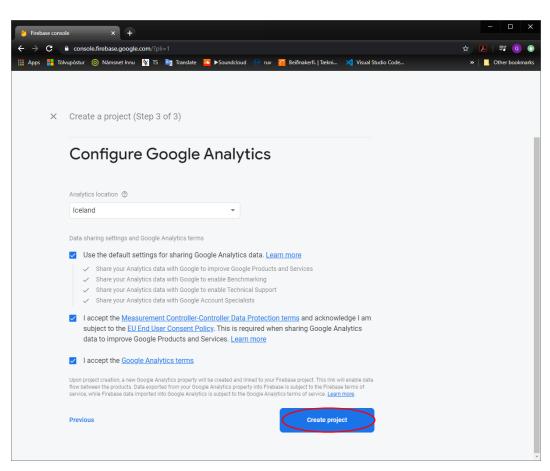
https://www.youtube.com/watch?v=FCw5PFDb99k

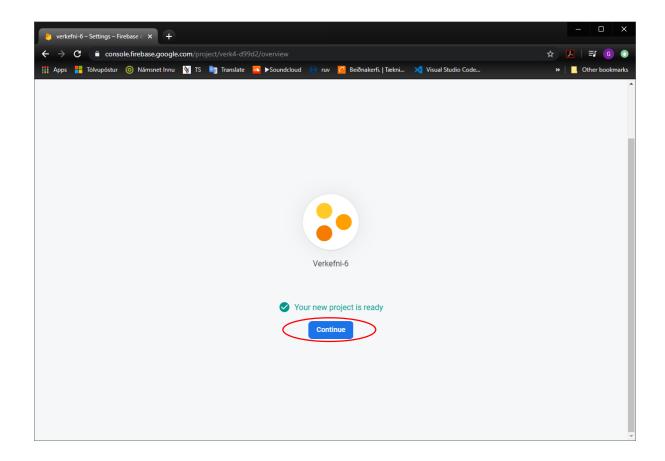


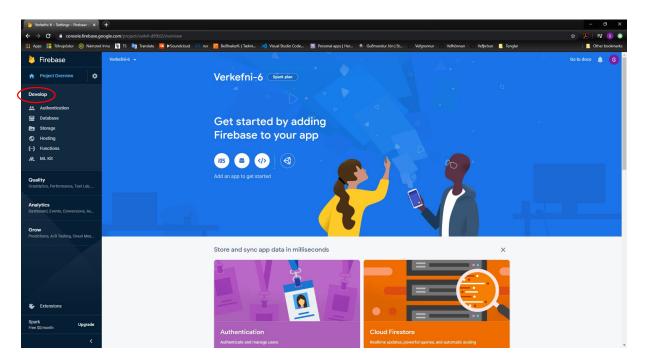
Ath! Á að vera verkefni-5

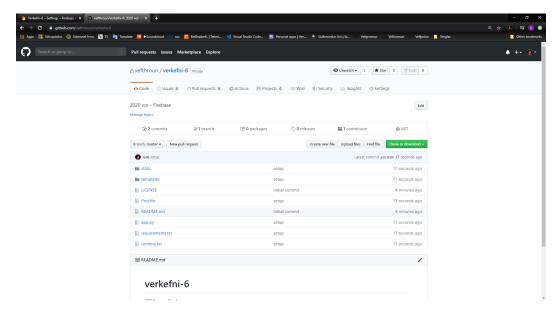












Setjið upp github geymslu með tilheyrandi viðbótum fyrir Heroku og setjið á "local" tölvu.

Opnum CMD

```
C:\Users\gjg\Desktop\VEF2VF\cd env/scripts/
C:\Users\gjg\Desktop\VEF2VF\env\Scripts>activate

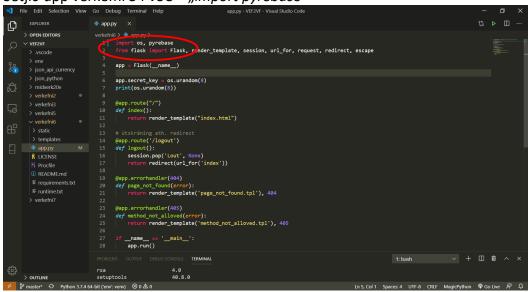
(env) C:\Users\gjg\Desktop\VEF2VF\env\Scripts>pip install pyrebase4
```

pip install pyrebase4 og pip install pycryptodome

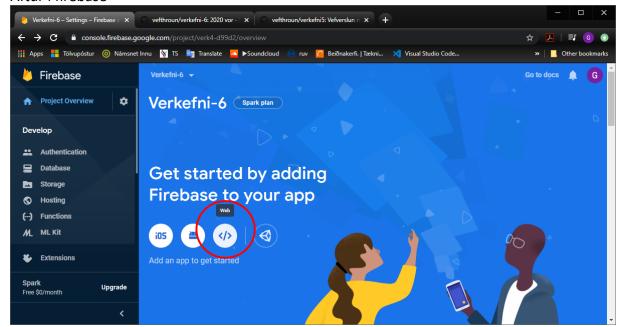
```
Running setup.py install for gcloud ... done
Running setup.py install for jws ... done
Successfully installed certifi-2019.11.28 chardet-3.0.4 gcloud-0.18.3 googleapis-common-protos-1.51.0 httplib2-0.17.0 id
na-2.9 jws-0.1.3 oauth2client-4.1.2 protobuf-3.11.3 pyasn1-0.4.8 pyasn1-modules-0.2.8 pycryptodome-3.9.7 pyrebase4-4.3.0
python-jwt-2.0.1 requests-2.23.0 requests-toolbelt-0.9.1 rsa-4.0 six-1.14.0 urllib3-1.25.8
WARNING: You are using pip version 19.2.3, however version 20.0.2 is available.
You should consider upgrading via the 'python -m pip install --upgrade pip' command.

(env) C:\Users\gjg\Desktop\VEF2VF\env\Scripts>pip install pycryptodome
```

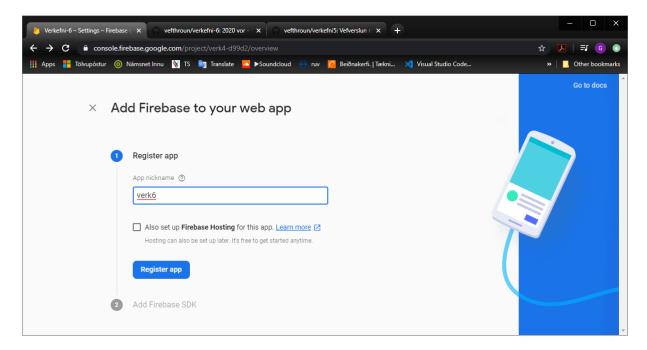
Setjið upp verkefni 5 í VSC – "import pyrebase"



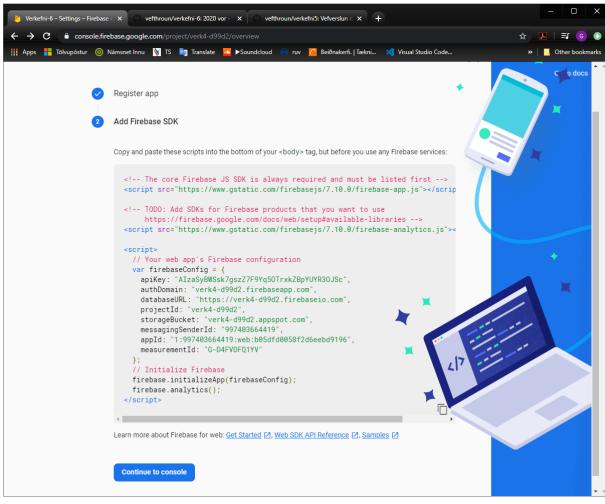
Aftur í firebase

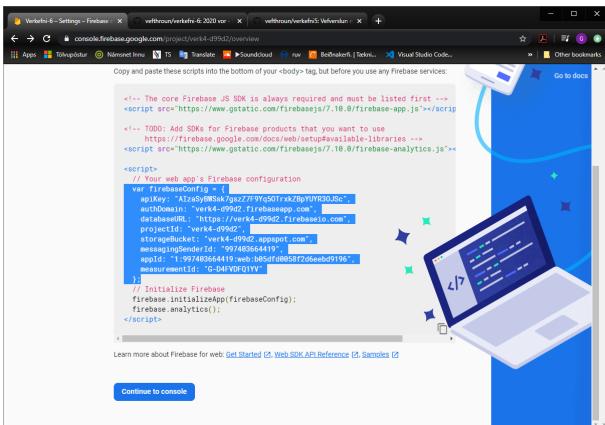


Veljið "</>"



Register app





og setjið í appið (bætið við gæsalöppum "K":"V",)

```
刘 File Edit Selection View Go Debug Terminal Help
                                                               app.py - VEF2VF - Visual Studio Code
       EXPLORER
                             app.py
                                                                                                     ដោ ▷ Ⅲ ···
                              verkefni6 > 📌 app.py > ...
                               import os, pyrebase
from flask import Flask, render_template, session, url_for, request,
       > .vscode
                                    config = {
       > json_api_currency
                                      "apiKey": "AIzaSyBWSsk7gszZ7F9Yq50TrxkZBpYUYR30JSc",
       > json_python
                                         "authDomain": "verk4-d99d2.firebaseapp.com",
                                        "databaseURL": "https://verk4-d99d2.firebaseio.com",
       > midverk20v
                                       "projectId": "verk4-d99d2",
"storageBucket": "verk4-d99d2.appspot.com",
       > verkefni2
       > verkefni3
"messagingSenderId": "997403664419",
       > verkefni5
                                       "appId": "1:997403664419:web:b05dfd0058f2d6eebd9196",

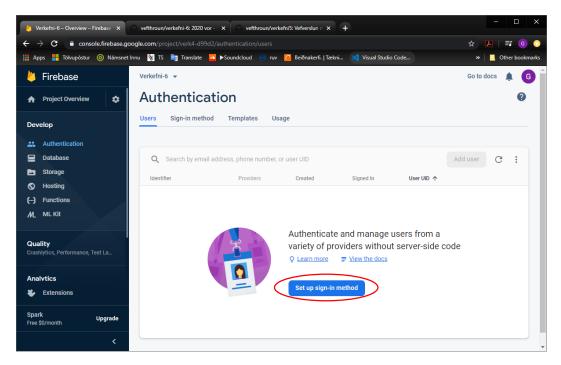
∨ verkefni6

                                        "measurementId": "G-D4FVDFQ1YV"
                              12
        > static
                                     };
        > templates
        app.py
                                    firebase = pyrebase.initialize_app(config)
        R LICENSE
                                     auth = firebase.auth()
        H Procfile
       (i) RFADMF.md
    $° master* → Python 3.7.4 64-bit ('env': venv) ⊗ 0 🛆 0
                                                       Ln 18, Col 1 Spaces: 4 UTF-8 CRLF MagicPython のGo Live R 🗘
```

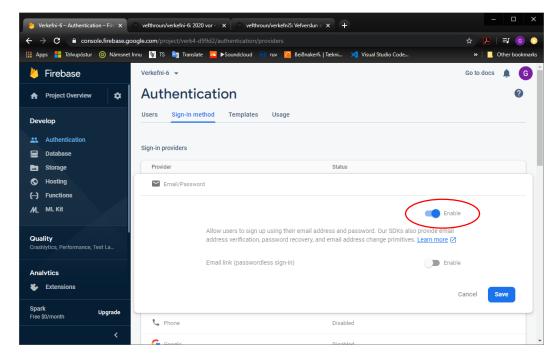
Bætið textanum við sem er í línu 15 og 17. Því næst:

```
email = input('Please enter your email\n')
password = input('Please enter your password\n')
user = auth.create_user_with_email_and_password(email, password)
auth.get_account_info(user['idToken'])
```

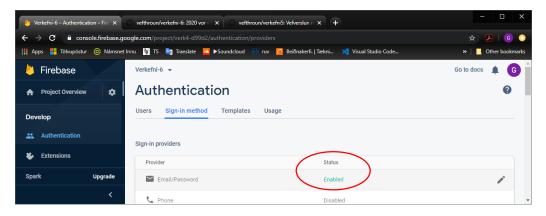
Firebase authentication



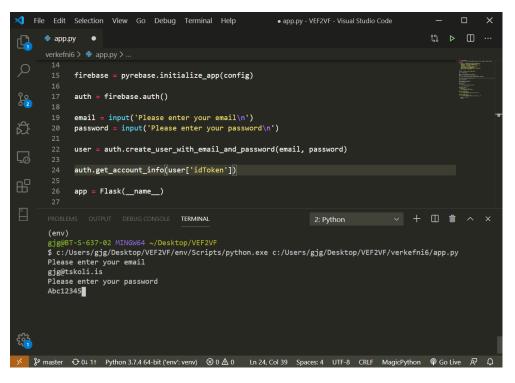
Veljið Set up sign-in method



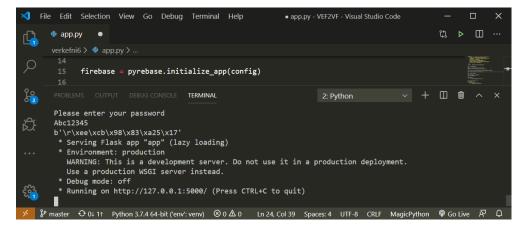
Enable - Email/password - save



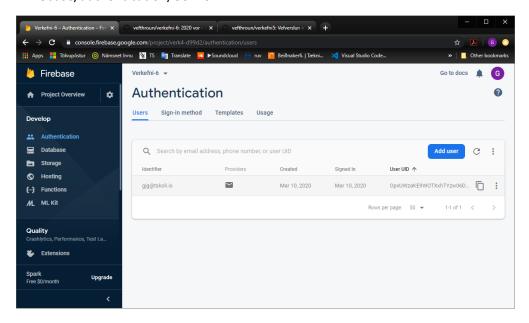
VSC keyrið (run) appið



Skráið tölvupóstfang (enter) og lykilorð (enter)



Í Firebase/authentication/USERS

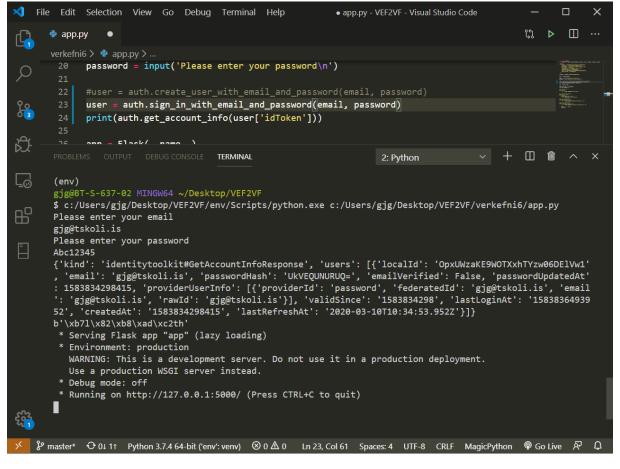


Notandi er skráður með lykiorði (#)

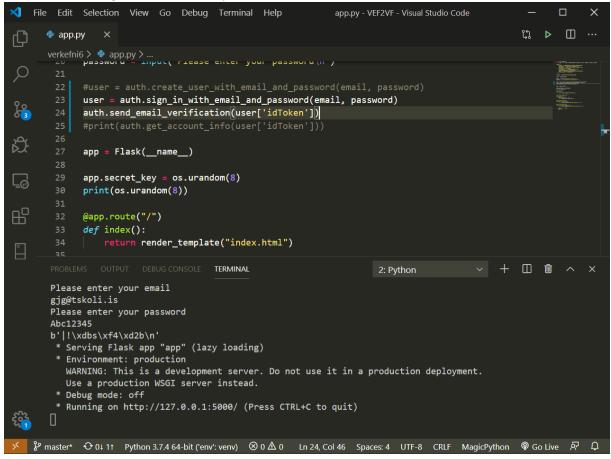
Innskráning - print(sjáum innskráinguna)

```
#user = auth.create_user_with_email_and_password(email, password)
user = auth.sign_in_with_email_and_password(email, password)
print(auth.get_account_info(user['idToken']))
```

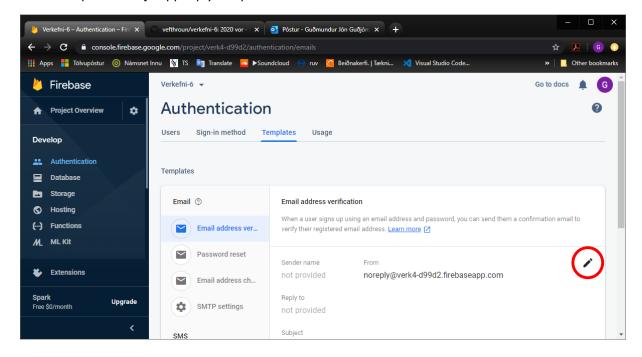
enduræsum appið



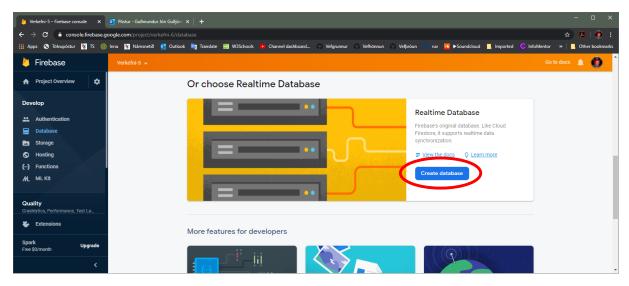
Sendið staðfestingu á notanda tölvupóstsins



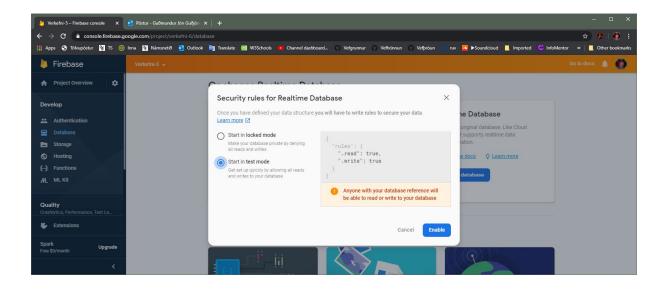
Í Firebase þarf að setja upp reply template



FireBase Realtime Database using Python and Flask https://www.youtube.com/watch?v=aojoWWMN1r0&t=51s



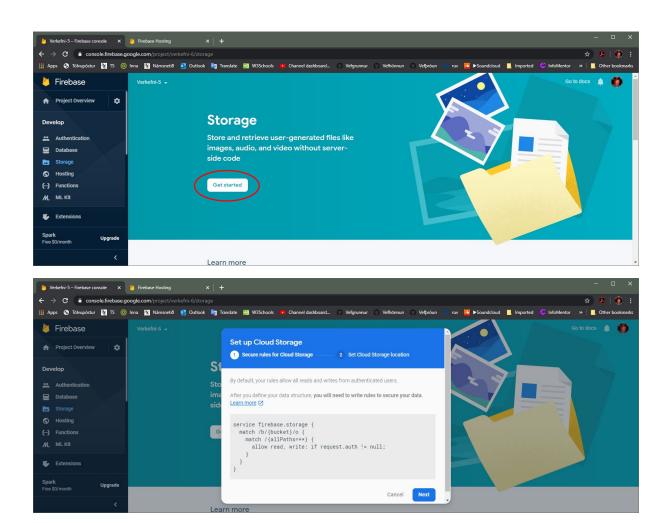
Start in Test mode

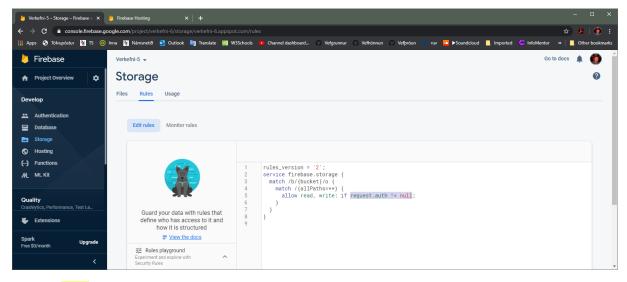


Í næsta verkefni tökum við fyrir

Firebase Storage

https://www.youtube.com/watch?v=QxtIBQPIhjs&t=8s





Breyta í <mark>True</mark>