

Python konzol app backend => Firebase

```
import firebase_admin
from firebase_admin import credentials, db

# Firebase inicializálása
cred = credentials.Certificate("serviceAccountKey.json") # JSON kulcsfájl
firebase_admin.initialize_app(cred, {
    'databaseURL': 'https://your-database-name.firebaseio.com'
})

# Gyűjtemény neve
COLLECTION_NAME = "users"

# CREATE - Új adat hozzáadása
def create_user(user_id, name, age):
    ref = db.reference(f"/{COLLECTION_NAME}/{user_id}")
    ref.set({
        "name": name,
        "age": age
    })
    print(f"User {name} added successfully.")

# READ - Egy adott adat lekérése
def get_user(user_id):
    ref = db.reference(f"/{COLLECTION_NAME}/{user_id}")
    user = ref.get()
    if user:
        print(f"User Data: {user}")
    else:
```

```
    print("User not found.")

# UPDATE - Adat frissítése
def update_user(user_id, name=None, age=None):
    ref = db.reference(f"/{COLLECTION_NAME}/{user_id}")
    updates = {}
    if name:
        updates["name"] = name
    if age is not None:
        updates["age"] = age
    if updates:
        ref.update(updates)
        print(f"User {user_id} updated successfully.")
    else:
        print("No update parameters provided.")

# DELETE - Adat törlése
def delete_user(user_id):
    ref = db.reference(f"/{COLLECTION_NAME}/{user_id}")
    ref.delete()
    print(f"User {user_id} deleted successfully.")

# Példa műveletek
if __name__ == "__main__":
    create_user("user_1", "John Doe", 25)
    get_user("user_1")
    update_user("user_1", age=26)
    delete_user("user_1")
```