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import requests
from bs4 import BeautifulSoup
import sqlite3

# Connect to SQLite database
conn = sqlite3.connect('quran_database.db')
cursor = conn.cursor()

# Create a table to store surahs and ayahs
cursor.execute('''
CREATE TABLE IF NOT EXISTS quran (
    id INTEGER PRIMARY KEY,
    surah_number INTEGER,
    surah_name TEXT,
    ayah_number INTEGER,
    ayah_text TEXT
)
''')

<sqlite3.Cursor at 0x7c7d6b715c40>

cursor.execute('ALTER TABLE quran ADD COLUMN pillar TEXT')

<sqlite3.Cursor at 0x7c7d6b715c40>

base_url = "https://www.clearquran.com/"
pillars = {
    "Shahada": ["faith", "testimony", "witness", "belief"],
    "Salat": ["prayer", "friday", "worship", "ritual"],
    "Zakat": ["charity", "almsgiving", "poor"],
    "Sawm": ["fasting", "Ramadan", "abstain"],
    "Hajj": ["pilgrimage", "Mecca", "Kaaba", "Hajj", "Umrah"]
}

# Iterate over surahs from 1 to 114
for surah_number in range(1, 115):
    # Construct the URL for the surah page
    surah_url = f"{base_url}{surah_number:03d}.html"

    # Fetch the website content
    response = requests.get(surah_url)
    if response.status_code == 200:
        soup = BeautifulSoup(response.content, 'html.parser')

        # Extract the surah name from the page title
        title_text = soup.title.text.strip()
        surah_name = title_text.split('.')[2].strip()

        # quran text
        text = soup.find('div', {'id': 'quran-text'})

        # getting ayahs
        ayahs = text.find_all('p')

        # Store surah, ayah data, and pillar in the database
        for ayah_number, ayah in enumerate(ayahs, start=1):
            ayah_text = ayah.get_text(strip=True)
            ayah_text_lower = ayah_text.lower()
            pillar = None

            # Determine the pillar for the ayah based on keywords
            for pillar_name, words in pillars.items():
                if any(word in ayah_text_lower for word in words):
                    pillar = pillar_name
                    break

            cursor.execute('''
INSERT INTO quran (surah_number, surah_name, ayah_number, ayah_text, pillar)
VALUES (?, ?, ?, ?, ?)
''', (surah_number, surah_name, ayah_number, ayah_text, pillar))

conn.commit()

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# Close the database connection  
conn.close()
```

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