In [2]:
```python
import pandas as pd
from bs4 import BeautifulSoup
import requests

base_urls = [
    ("bukhari", 97),
    ("muslim", 56),
    ("nasai", 51),
    ("abudawud", 43),
    ("tirmidhi", 49),
    ("ibnmajah", 37)
]

# A list to store hadith texts
hadith_texts = []

# Iterate over each collection
for collection, hadith_count in base_urls:
    print(f"Scraping Hadith from {collection} collection...")

    # Iterate over each Hadith number
    for hadith_number in range(1, hadith_count + 1):
        hadith_url = f"https://sunnah.com/{collection}/{hadith_number}"
        response = requests.get(hadith_url)
        print("Scraping from:", hadith_url)

        if response.status_code == 200:
            soup = BeautifulSoup(response.content, "html.parser")
            hadith_text = soup.find("div", class_="text_details").get_text(str
            narrated_by = soup.find("div", class_="hadith_narrated").get_text(
            hadith_texts.append((collection, hadith_number, narrated_by, hadit
        else:
            print(f"Error fetching Hadith from {hadith_url}")

df = pd.DataFrame(hadith_texts, columns=["Collection", "Hadith Number", "Narra
```

```
Scraping Hadith from bukhari collection...
Scraping from: https://sunnah.com/bukhari/1 (https://sunnah.com/bukhari/1)
Scraping from: https://sunnah.com/bukhari/2 (https://sunnah.com/bukhari/2)
Scraping from: https://sunnah.com/bukhari/3 (https://sunnah.com/bukhari/3)
Scraping from: https://sunnah.com/bukhari/4 (https://sunnah.com/bukhari/4)
Scraping from: https://sunnah.com/bukhari/5 (https://sunnah.com/bukhari/5)
Scraping from: https://sunnah.com/bukhari/6 (https://sunnah.com/bukhari/6)
Scraping from: https://sunnah.com/bukhari/7 (https://sunnah.com/bukhari/7)
Scraping from: https://sunnah.com/bukhari/8 (https://sunnah.com/bukhari/8)
Scraping from: https://sunnah.com/bukhari/9 (https://sunnah.com/bukhari/9)
Scraping from: https://sunnah.com/bukhari/10 (https://sunnah.com/bukhari/1
0)
Scraping from: https://sunnah.com/bukhari/11 (https://sunnah.com/bukhari/1
1)
Scraping from: https://sunnah.com/bukhari/12 (https://sunnah.com/bukhari/1
2)
Scraping from: https://sunnah.com/bukhari/13 (https://sunnah.com/bukhari/1
3)
Scraping from: https://sunnah.com/bukhari/14 (https://sunnah.com/bukhari/1
```

In [3]:
```python
# Define keywords for each of the 5 Pillars
pillar_keywords = {
    "Shahada": ["faith", "belief", "testimony"],
    "Salat": ["prayer", "worship", "salaat"],
    "Zakat": ["charity", "almsgiving", "poor"],
    "Sawm": ["fasting", "ramadan", "abstain"],
    "Hajj": ["pilgrimage", "mecca", "kaaba"]
}

# Function to categorize Hadith based on keywords
def categorize_hadith(hadith_text):
    for pillar, keywords in pillar_keywords.items():
        for keyword in keywords:
            if keyword in hadith_text.lower():
                return pillar
    return "Uncategorized"

# Apply categorization to the DataFrame
df["Pillar"] = df["Hadith Text"].apply(categorize_hadith)

# Now, you can store the DataFrame in a database or data storage system of you
# For demonstration purposes, we'll save it to a CSV file.
df.to_csv("hadiths.csv", index=False)

# Optionally, you can create a user interface to interact with the categorized
# Here's a simple example using pandas for data retrieval:
while True:
    print("\nSelect a pillar to retrieve Hadiths (type 'exit' to quit):")
    selected_pillar = input().strip()
    if selected_pillar.lower() == "exit":
        break
    filtered_df = df[df["Pillar"] == selected_pillar]
    if not filtered_df.empty:
        print(filtered_df[["Collection", "Hadith Number", "Narrated By", "Hadi
    else:
        print("No Hadiths found for the selected pillar.")
```

```
Select a pillar to retrieve Hadiths (type 'exit' to quit):
Salat
     Collection  Hadith Number  \
1        bukhari              2
3        bukhari              4
4        bukhari              5
8        bukhari              9
9        bukhari             10
11       bukhari             12
13       bukhari             14
14       bukhari             15
15       bukhari             16
17       bukhari             18
18       bukhari             19
21       bukhari             22
22       bukhari             23
23       bukhari             24
29       bukhari             30
52       bukhari             53
55       bukhari             56
66       bukhari             67
72       bukhari             73
77       bukhari             78
88       bukhari             89
90       bukhari             91
94       bukhari             95
100       muslim              4
101       muslim              5
102       muslim              6
103       muslim              7
104       muslim              8
105       muslim              9
106       muslim             10
131       muslim             35
150       muslim             54
158        nasai              6
159        nasai              7
162        nasai             10
163        nasai             11
164        nasai             12
165        nasai             13
170        nasai             18
174        nasai             22
175        nasai             23
188        nasai             36
189        nasai             37
202        nasai             50
203        nasai             51
205     abudawud              2
206     abudawud              3
207     abudawud              4
208     abudawud              5
212     abudawud              9
217     abudawud             14
235     abudawud             32
249     tirmidhi              3
```

```
268    tirmidhi              22
297    ibnmajah               2
298    ibnmajah               3
300    ibnmajah               5
303    ibnmajah               8

                                          Narrated By  \
1                             Narrated Ibn 'Umar:
3                            Narrated Abu Huraira:
4                               Narrated `Aisha:
8                            Narrated Ibn Shihab:
9                                 Narrated Anas:
11                              Narrated Shu'aib:
13                             Narrated Ibn `Umar:
14                  Narrated `Abbad bin Tamim's uncle:
15                              Narrated Abu Bakra:
17                             Narrated Ibn `Abbas:
18                             Narrated Ibn `Abbas:
21                   Narrated `Abdullah bin Buhaina:
22                               Narrated Abu Dhar:
23                             Narrated Ibn `Abbas:
29                   Narrated Talha bin 'Ubaidullah:
52                            Narrated Sahl bin Sa`d:
55                   Narrated `Abdullah bin Masud:
66                          Narrated Anas bin Malik:
72                               Narrated Al-Bara:
77                     Narrated Al-Walid bin 'Aizar:
88                             Narrated Abi Huraira:
90                               Narrated `Aisha:
94                                Narrated Malik:
100                             Ibn Umar reported:
101                            Abu Dharr reported:
102   'A'isha, the wife of the Messenger of Allah (ﷺ...
103   Abdullah is reported to have heard Allah's Mes...
104                            Ibn 'Abbas reported:
105             'Abdullah b. Zaid b. Mazini reported:
106   'A'isha reported that there was a solar eclips...
131                         Jundab b. Sufyan reported:
150   Zainab bint Jahsh reported that Allah's Apostl...
158   It was narrated from Ibn Shihab that 'Umar bin...
159   Nafi' narrated that 'Abdullah bin 'Umar used t...
162            It was narrated that 'Abdullah said:
163             It was narrated that Ibn Umar said:
164    It was narrated from 'Alqamah and Al-Aswad that:
165   It was narrated that 'Abdur-Rahman bin Al-Asam...
170    It was narrated that Tha'labah bin Zahdam said:
174   It was narrated from Talhah bin 'Ubaidullah that:
175             It was narrated that Ibn 'Abbas said:
188                 It was narrated that Anas said:
189         It was narrated from Anas bin Malik that:
202   It was narrated from Mu'adh bin 'Abdullah that...
203                 It was narrated from 'Umar that:
205                     Talhah b. 'Ubaid Allah said:
206   Abbad b. Tamim (al-Muzini) reported on the aut...
207                  Narrated Aisha, Ummul Mu'minin:
208                           Narrated Umm Habibah:
212                   Abu Sa'id Al Khudri reported:
```

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217                        Narrated Abdullah ibn Abbas:
235                       Narrated Jabir ibn Abdullah:
249                    Kharijab bin Hudhafah narrated:
268                            Narrated Abu Hurairah:
297       It was narrated from Sulaiman bin Buraidah tha...
298       It was narrated from Muhammed bin 'Abdullah bi...
300                Muhammad\nbin 'Amr bin 'Ata' said:
303                      'Ibn Abbas(RAH) narrated that:

                                                Hadith Text
1         Allah's Messenger (ﷺ) said: Islam is based on ...
3         Allah's Messenger (ﷺ) said, "The prayer of a p...
4         Whenever the Prophet (ﷺ) took a bath after Jan...
8         Once `Umar bin `Abdul `Aziz delayed the prayer...
9         The people mentioned the fire and the bell (th...
11        I asked Az-Zuhri, "Did the Prophet (ﷺ) ever of...
13        Once a person asked Allah's Messenger (ﷺ) (ﷺ) ...
14        The Prophet (p.b.u.h) went out to offer the Is...
15        We were with Allah's Messenger (ﷺ) when the su...
17        The Prophet (ﷺ) once stayed for nineteen days ...
18        When the Prophet (ﷺ) got up at night to offer ...
21        Allah's Messenger (ﷺ) once led us in a prayer ...
22        Allah's Messenger (ﷺ) said, "Someone came to m...
23        The Prophet (ﷺ) sent Mu`adh to Yemen and said,...
29        A bedouin with unkempt hair came to Allah's Me...
52        There was a dispute amongst the people of the ...
55        I asked Allah's Messenger (ﷺ), "O Allah's Mess...
66        A group of three men came to the houses of the...
72        The Prophet (ﷺ) said (on the day of Idal-Adha)...
77        I heard Abi `Amr 'Ash-Shaibani saying, "The ow...
88        The Prophet (ﷺ) used to invoke Allah in his pr...
90        The commencement of the Divine Inspiration to ...
94        We came to the Prophet (ﷺ) and we were young m...
100       When the Muslims came to Medina, they gathered...
101       I said: Messenger of Allah, which mosque was s...
102       The prayer was prescribed as two rak'ahs, two ...
103       When any one of you intends to come for Jumu'a...
104       I participated in the Fitr prayer with the Mes...
105       The Messenger of Allah (ﷺ) went to the place o...
106       The sun and the moon are two signs of Allah; t...
131       I was with Allah's Messenger (ﷺ) on the day of...
150       There is no being worthy of worship except All...
158       "Jibril came down and led the Messenger of All...
159       "When the Muslims arrived in Al-Madinah they u...
162       "When the Messenger of Allah(ﷺ) passed away, t...
163       I saw the Messenger of Allah (ﷺ) when he said ...
164       They were with 'Abdullah in his house and he s...
165       "Anas bin Malik was asked about the takbir in ...
170       "We were with Sa'eed bin Al-'Asi in Tabaristan...
174       a Bedouin came to the Messenger of Allah with ...
175       "The Messenger of Allah said to Mu'adh when he...
188       "The Messenger of Allah said: 'In this world, ...
189       The Prophet [SAW] said: "I have been commanded...
202       "It was raining and dark, and we were waiting ...
203       When the prohibition of Khamr was revealed, 'U...
205       A man from among the people of Najd with dishe...
206       The Messenger of Allah (ﷺ) took the people out...
```

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207   The prayer was prescribed as consisting of two...
208   The Prophet (ﷺ) as saying: If anyone prays in ...
212   Abu Hurairah said When the Messenger of Allah(...
217   Ibn Abbas explained the following Qur'anic ver...
235   The Prophet (ﷺ) read the Qur'anic verse, "And ...
249   "Allah's Messenger came out to us and he said:...
268   "It was said, 'O Messenger of Allah, what equa...
297   "A man came to the Prophet and asked him about...
298   The Messenger of Allah was thinking of a horn,...
300   "I heard Abu Humaid As-Sa'idi say:\n'When the ...
303   the Prophet send Muadh to Yemen, and said: "Yo...

Select a pillar to retrieve Hadiths (type 'exit' to quit):
```

```
Zakat
    Collection  Hadith Number  \
33     bukhari             34
83     bukhari             84
120     muslim             24
145     muslim             49
181      nasai             29
182      nasai             30
247   tirmidhi              1
275   tirmidhi             29
310   ibnmajah             15

                                                 Narrated By  \
33                           Narrated Abu Huraira:
83                         Narrated Ka`b bin 'Ujra:
120  Umar b. Khattab (Allah be pleased with him) re...
145  Usama b. Zaid reported that Allah's Messenger ...
181      It was narrated that 'Amr bin Al-Harith said:
182          It was narrated that Abu Hurairah said:
247                         Ibn `Umar narrated that:
275  Abu Hurairah narrated that the Messenger of Al...
310       It was narrated from 'Umar bin Khattab that:

                                      Hadith Text
33   You people say that Abu Huraira tells many nar...
83   I came to the Prophet (ﷺ) and he said to me, "...
120  I donated a pedigree horse in the path of Alla...
145  I stood at the door of Paradise and I found th...
181  "The Messenger of Allah did not leave behind a...
182  "A man came to the Prophet and said: 'O Messen...
247  the Prophet said: "Salat will not be accepted ...
275  "Whoever leaves wealth then it is for his heir...
310  the Messenger of Allah (ﷺ) said: "Do not take ...

Select a pillar to retrieve Hadiths (type 'exit' to quit):
Hajj
    Collection  Hadith Number                        Narrated By  \
5      bukhari              6                 Narrated Al-Qasim:
16     bukhari             17       Narrated `Abdullah bin Mas`ud:
26     bukhari             27                     Narrated Nafi`:
27     bukhari             28    Narrated `Abdullah bin Abu Qatada:
44     bukhari             45             Narrated Ubai bin Ka`b:
65     bukhari             66       Narrated `Aisha and Ibn `Abbas:
197      nasai             45  It was narrated that Ibn 'Abbas said:

                                      Hadith Text
5    `Aisha said, "We set out with the sole intenti...
16   The Prophet (ﷺ) recited Suratan-Najm (103) at ...
26   When `Abdullah bin `Umar set out for Mecca int...
27   My father set out (for Mecca) in the year of A...
44   I found a purse containing one hundred Diners....
65   The Prophet (ﷺ) remained in Mecca for ten year...
197  "The first instance of Qasamah during the Jahi...

Select a pillar to retrieve Hadiths (type 'exit' to quit):
exit
```

In [ ]: