CREATE TABLE population\_data (

city TEXT PRIMARY KEY,

population INTEGER

);

This code creates a table named "population\_data" with two columns: "city" and "population". The "city" column is set as the primary key to ensure that each city is only listed once.

INSERT INTO population\_data (city, population) VALUES

('Casablanca', 3144909),

('Rabat', 1655753),

('Fes', 964891);

This code inserts three cities and their corresponding populations into the "population\_data" table.

SELECT \* FROM population\_data;

This code retrieves all the data from the "population\_data" table.

Entity: City

Attributes:

CityID (primary key)

CityName

Population

Region

Latitude

Longitude

Entity: Page

Attributes:

PageID (primary key)

PageTitle

PageContent

PageType

CityID (foreign key)

Entity: AboutUsPage

Attributes:

AboutUsID (primary key)

AboutUsContent

Entity: HomePage

Attributes:

HomePageID (primary key)

HomePageContent

Entity: InfoPage

Attributes:

InfoPageID (primary key)

InfoPageTitle

InfoPageContent

The Homepage entity includes a primary key (HomePageID) and an attribute for the content of the page. This page could display an introduction to the website or feature popular cities.

The Info Page entity includes a primary key (InfoPageID), a title, and content. This page could display general information about the website or provide helpful tips for using the website.

CREATE TABLE City (

CityID INT PRIMARY KEY,

CityName TEXT NOT NULL,

Population INT NOT NULL,

Region TEXT,

Latitude FLOAT,

Longitude FLOAT

);

CREATE TABLE Page (

PageID INT PRIMARY KEY,

PageTitle TEXT NOT NULL,

PageContent TEXT NOT NULL,

PageType TEXT NOT NULL,

CityID INT,

FOREIGN KEY (CityID) REFERENCES City(CityID)

);

CREATE TABLE AboutUsPage (

AboutUsID INT PRIMARY KEY,

AboutUsContent TEXT NOT NULL

);

CREATE TABLE HomePage (

HomePageID INT PRIMARY KEY,

HomePageContent TEXT NOT NULL

);

CREATE TABLE InfoPage (

InfoPageID INT PRIMARY KEY,

InfoPageTitle TEXT NOT NULL,

InfoPageContent TEXT NOT NULL

);



