TWITTER DATABASE MANAGEMENT SYSTEM

NAME: Anurag Sai.Y

Roll No: 1602-21-737-009

Sec: IT-A

ABSTRACT:

The Twitter Database Management System is a software application designed to efficiently manage the vast amount of data generated by the Twitter social media platform. The system employs a variety of data management techniques, such as indexing, caching, and partitioning, to ensure fast and reliable access to the data. The system is scalable and can handle a large volume of data, making it suitable for use by large organizations or enterprises. Its features include user authentication, data backup, and recovery, as well as advanced search capabilities. The Twitter Database Management System is an essential tool for businesses and researchers seeking to analyze and extract valuable insights from Twitter data.

Requirement Analysis

**List of Tables:**

1. authentication

2. follow

3. block

4. tweet

5. retweets

6.messages

7.users

8.location

9.hashtag

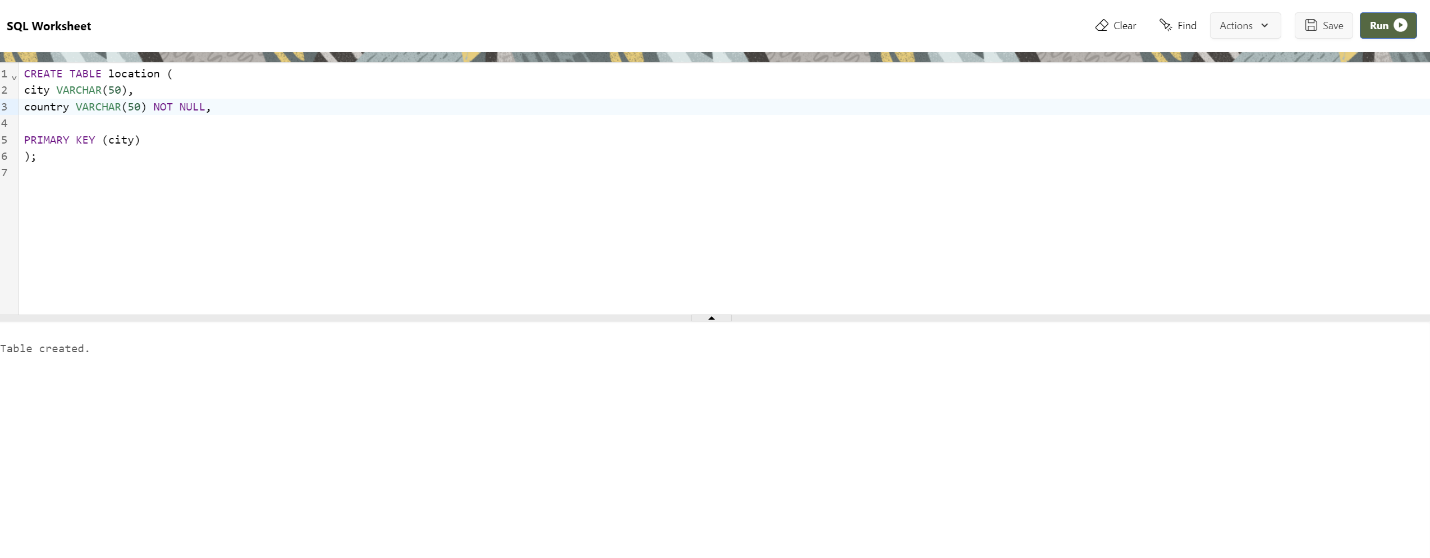
ER DIAGRAMS

Diagram

Description automatically generated

DDL COMANDS

Location Table:

Text

Description automatically generated

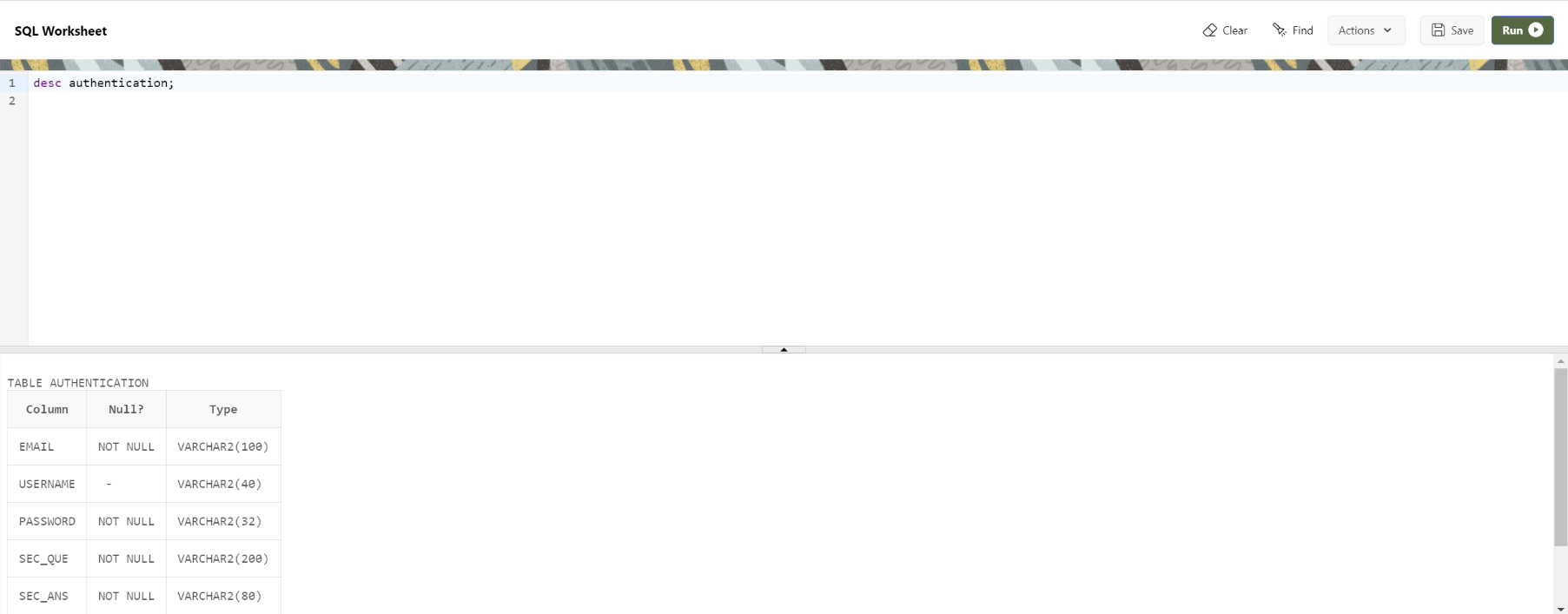
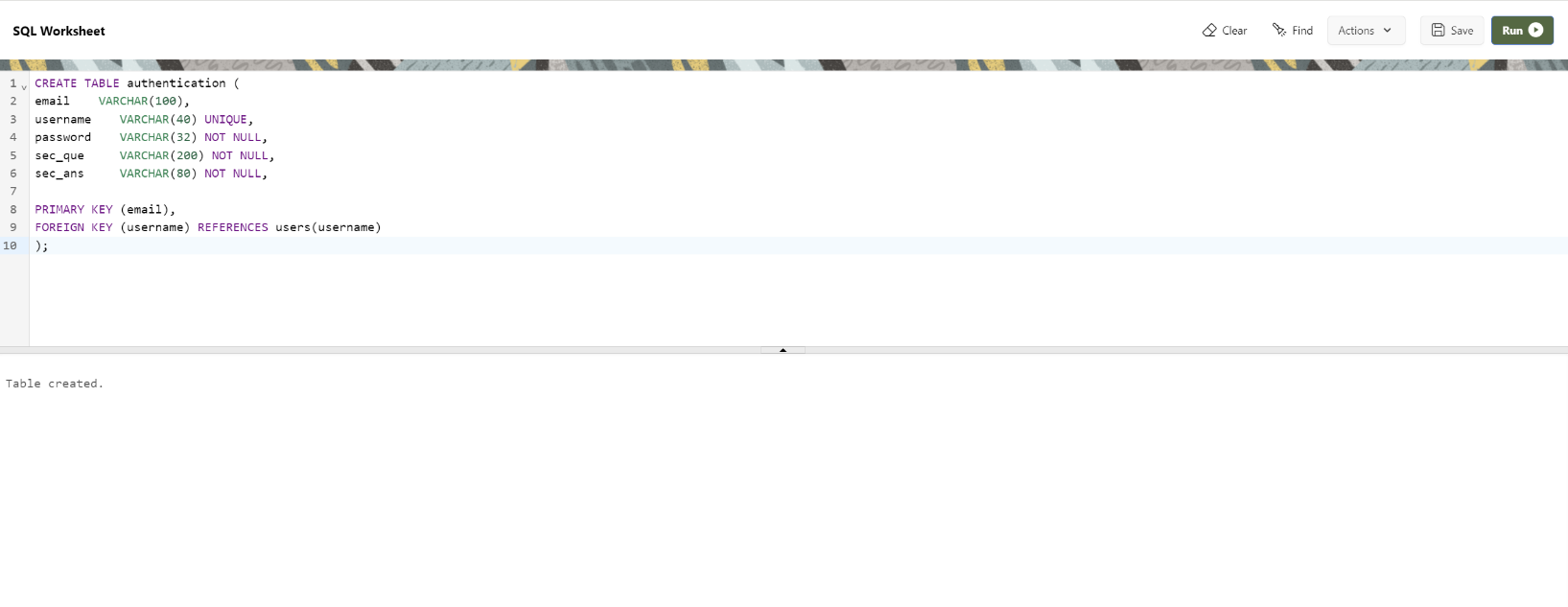
Users Table:

Graphical user interface, application

Description automatically generatedA picture containing graphical user interface

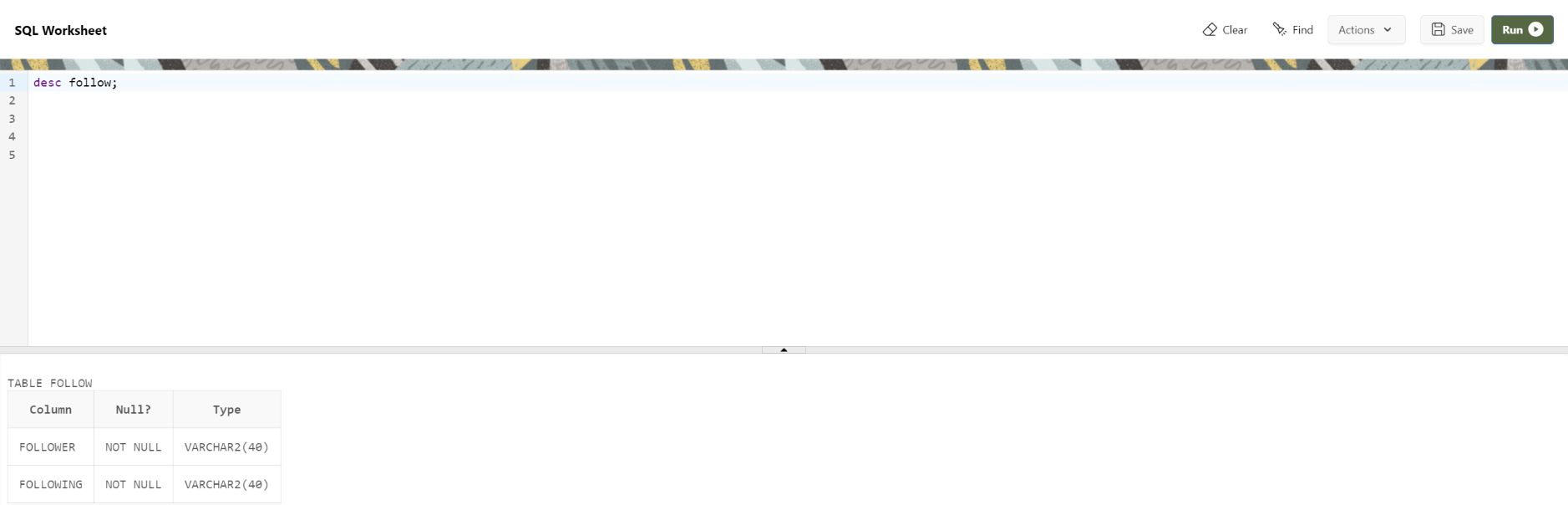
Description automatically generated

Authentication Table:



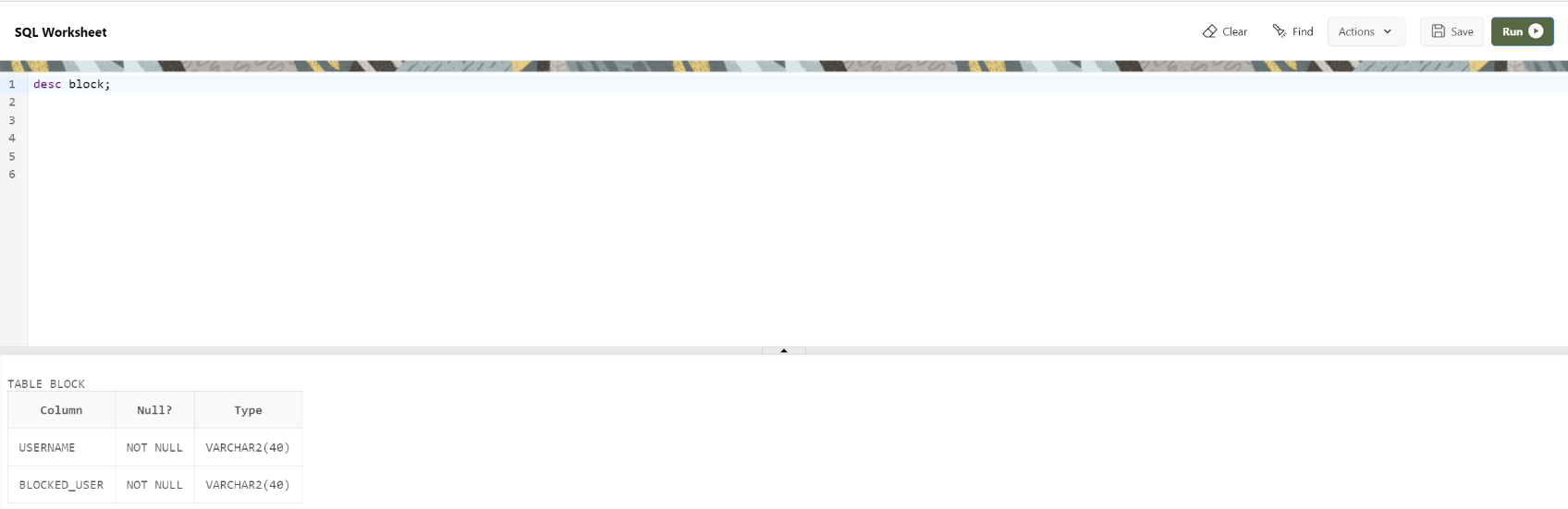
Follow Table:

A picture containing application

Description automatically generated

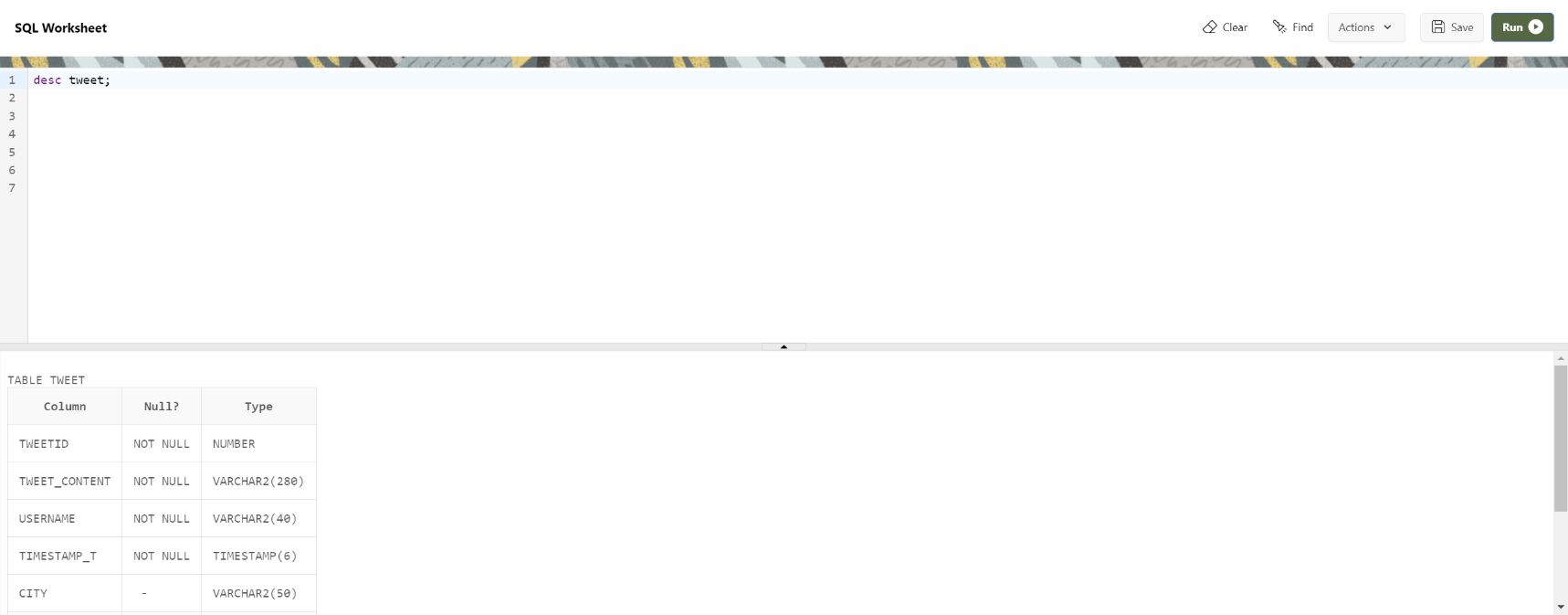
Block Table:

Graphical user interface, text

Description automatically generated

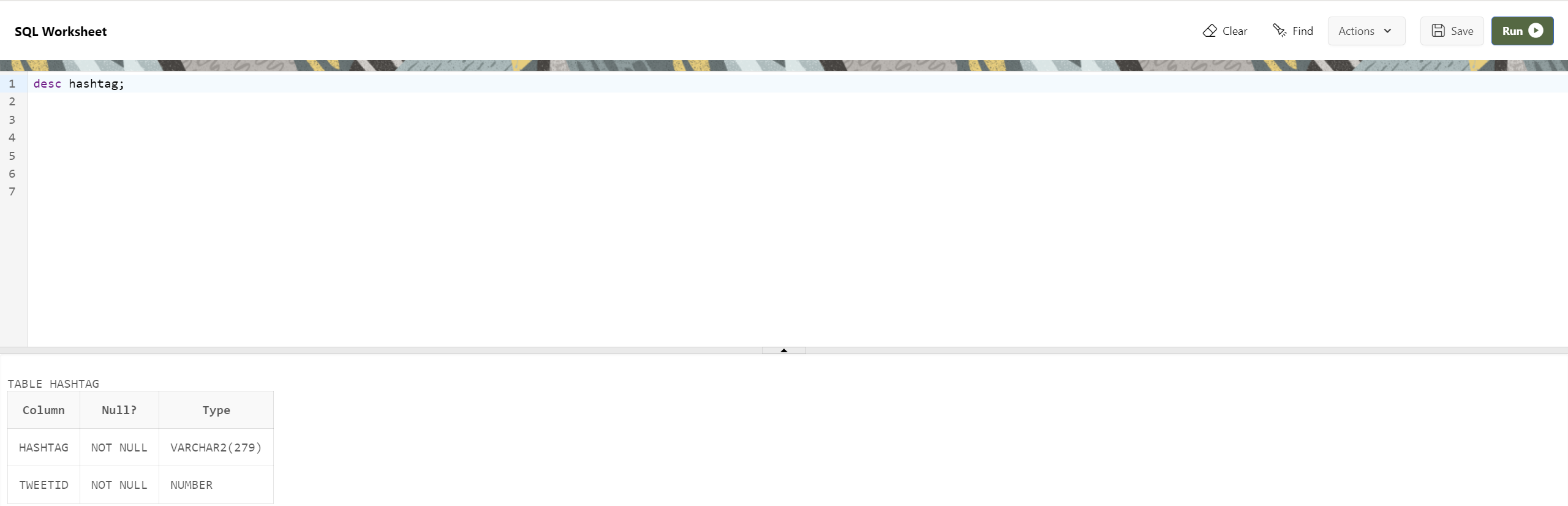
Tweet Table:

A picture containing application

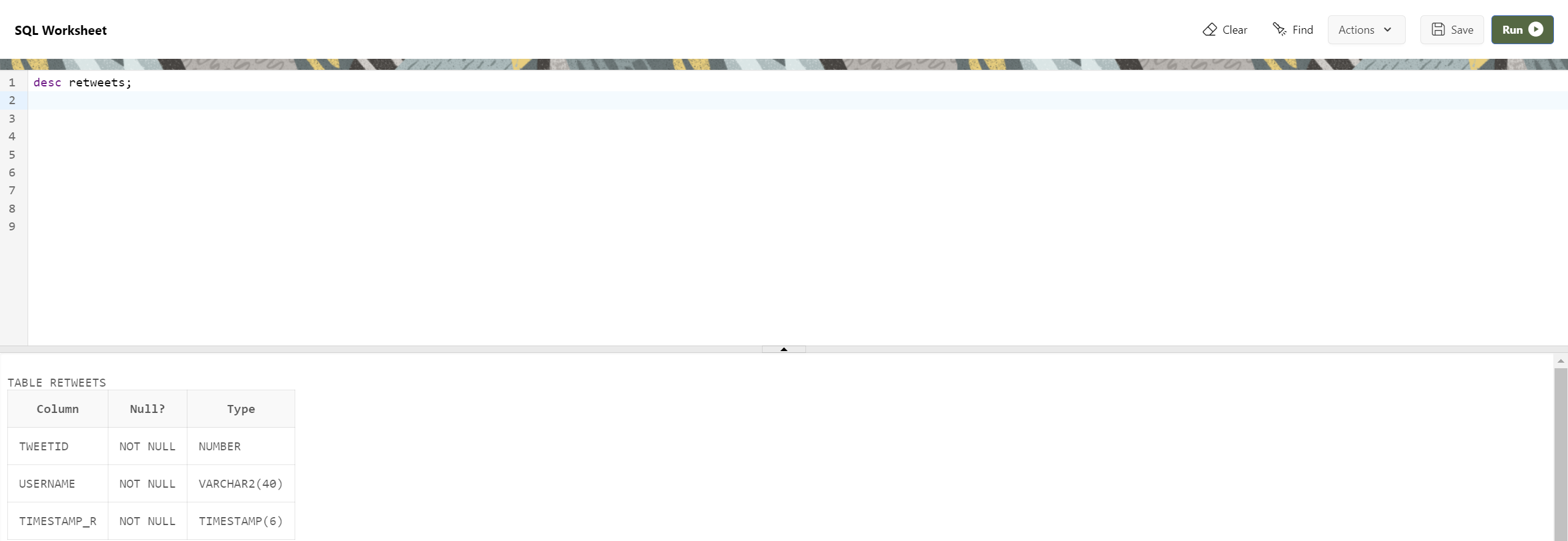
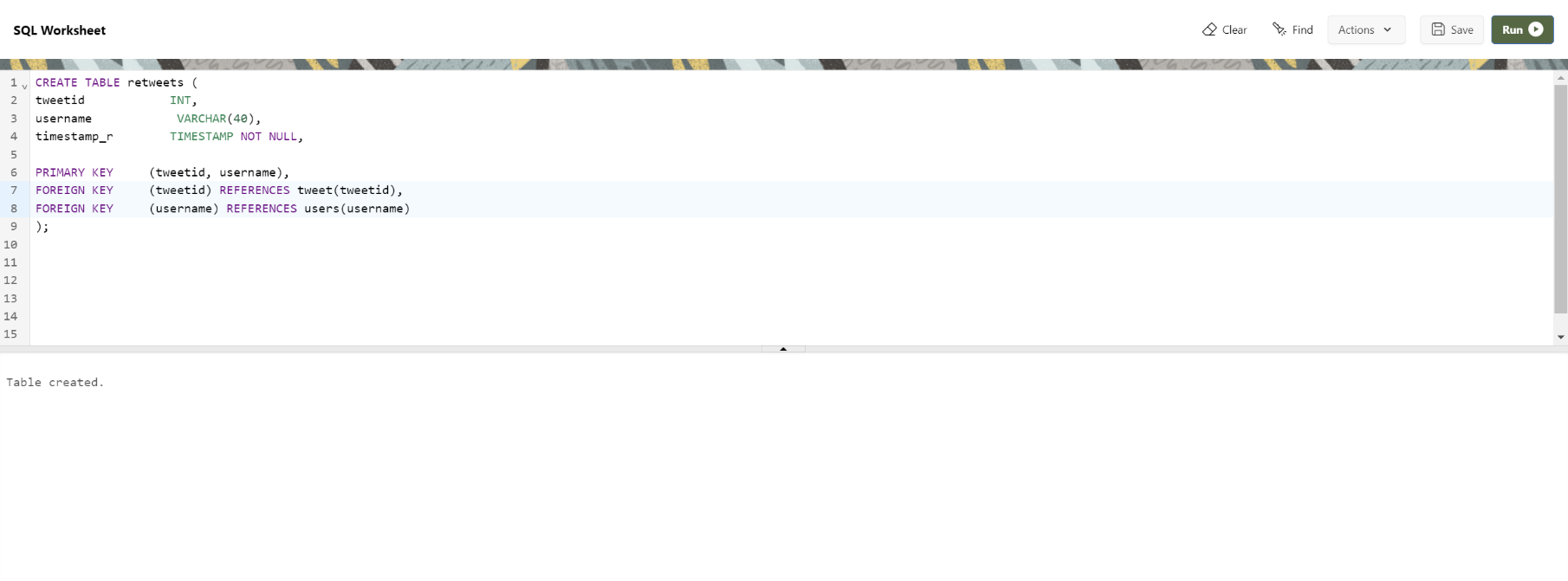
Description automatically generated

Hashtag Table:

Graphical user interface, application

Description automatically generated with medium confidence

Retweets Table:



Likes Table:

A picture containing application

Description automatically generatedA picture containing text

Description automatically generated

Messages Table:

Graphical user interface, application

Description automatically generated with medium confidenceGraphical user interface, text, application

Description automatically generated with medium confidence