

1.Use Case: Check whether mbta is verified account

Description: User checks the verified account column

Actor: User

Precondition: Username and verification must exist

Steps: select distinct UserName,Verified_Account from mbta where Verified_Account="1"

Actor action: User requests the verified account for verification of the account

System Responses: User views Verified Account for verification

Post Condition: All the information is successfully displayed

Alternate Path: If the username does not exist, the user won't see the verified account

Error: username is incorrect/ username does not exist

2.Use Case:To know whether how many user's are there in MBTA and their follower's

Description: User Views Username and their followers

Actors: User

Precondition: Username and total number of followers

Steps: select DISTINCT UserName,Userfollowerscount FROM mbta

Actor action – User requests the Username and their followers

System Responses: User views Username and their followers

Post Condition: All the information is successfully displayed

Alternate Path: If the username does not exist, the user won't see the Twitter ID

3.Use Case: To know whether how many followers does MBTA Has

Description: View information of the username MBTA and check for mbta's followers

Actors: User

Precondition: User must have username MBTA

Steps: select DISTINCT UserName,Userfollowerscount FROM mbta WHERE UserName = "MBTA"

Actor action – User views username MBTA 's followers

System Responses – Tweet would be displayed

Post Condition: system displays total Followers of mbta

4.Use Case: From how many location mbta is getting tweets

Description: View information of the username's location

Actor: User

Precondition: User must username ,location

Steps: SELECT DISTINCT Location FROM mbta

Actor action: User views the locations for all usernames

System Responses: Username with location is displayed

Post Condition: system displays the location for the condition

5.Use Case: To check from where mbta User is tweeting about MBTA

Description: View information of the mbta user tweeting about MBTA

Actor: User

Precondition: User must username=MBTA ,tweet_text

Actor action: User views the locations for all usernames

Steps:SELECT DISTINCT UserName,Location FROM mbta where UserName="MBTA"

System Responses: mbta tweeting about MBTA is displayed

Post Condition: system displays the mbta tweeting about MBTA for the condition

6.Use Case: To know from which Source (device) MBTA Commuter Rail user is tweeting the tweet
?

Description: User can view Source MBTA Commuter Rail used to tweet

Actor: User

Precondition: source , username=MBTA Commuter Rail, tweet_text

Steps: select DISTINCT UserName,Source,Location from mbta where UserName="MBTA
Commuter Rail

Actor action: User views source of MBTA Commuter Rail's tweet

System Responses: Displays Source (device) MBTA Commuter Rail user is tweeting the tweet

Post Condition: system displays the Source (device) MBTA Commuter Rail user is tweeting
the tweet

7.Use Case: To know the user_description of the users of the MBTA to know the details

Description: Displays the user_description of the users of the MBTA

Actors: User

Precondition:User should be able to see user_description of MBTA

Steps: SELECT DISTINCT UserName,User_Description from mbta

Actor action – User displays user_description of MBTA

System Responses – Display user_description of MBTA

Post Condition:system displays user_description of the users of the MBTA to know the details

8.Use Case: To check which tweet has recieved the maximum like along with the username,Source

Description: User Views Tweet ID, source with maximum number of likes for a particular username

Actors: User

Precondition: Username and Userfavouritescount must exist

Steps: SELECT MAX(Userfavouritescount),UserName,Text , Source , Verified_Account FROM mbta

Actor action – User requests the Tweet ID,source with maximum number of likes

System Responses – : User views Tweet ID,source with maximum number of likes

Post Condition: system displays maximum likes of the user

9.Use Case: To check which tweet has recieved minumun like along with the username,Source ?

Description: User Views Tweet ID, source with minimum number of likes for a particular username

Actor: User

Precondition:Username and Userfavouritescount must exist

Steps: SELECT min(Userfavouritescount),UserName,Text , Source , Verified_Account FROM mbta

Actor action: User requests the Tweet ID,source with minimum number of likes

System Responses:User views Tweet ID,source with minimum number of likes

Post Condition: system displays minimum likes of the user

10. Use Case: To check how many maximum tweets has been tweeted by a user on a particular day

Description: User will be able to know what is the maximum tweets have been tweeted at a particular day

Actor: User

Precondition: User must have made at least one tweet

Steps: 'SELECT SUBSTR(created_at, 0, 10) tweet_date, COUNT(1) tweet_count FROM mbta GROUP BY SUBSTR(created_at, 0, 10) ORDER BY COUNT(1) DESC LIMIT 5' ;

Actor action: User views the maximum no of tweets

System Responses: Displays all the maximum tweets on that day

11. Use Case: To get the total no of tweets tweeted by Mbta

Description: User gets to know the total number of tweets that have been tweeted by Mbta

Actor: User

Precondition: distinct username and atleast one tweet have been tweeted

Steps: 'select distinct UserName, Status_Count from mbta where UserName="MBTA"

Actor action: User requests for displaying distinct usernames and the tweets

System Responses: count of distinct username is displayed and the no of tweets

Post Condition: System displays the total no of tweets tweeted by Mbta

12. Use Case: To get to know how many groups MBTA has Subscribed

Description: User get to know how many groups MBTA has Subscribed

Actors: User

Precondition: User must have registered in a group

Steps: 'select distinct UserName,listed_counted from mbta where UserName="MBTA"'

Actor action – User tweets

System Responses – system displays the no of the groups the MBTA has subscribed

Post Condition: Total no of Groups have MBTA subscribed

Alternate Path: The user do not have any alternate path

13. Use Case: To get to know how many tweets have issued by MBTA in Boston

Description: View the no of tweets tweeted by MBTA in Boston

Actors: User

Precondition: Atleast one Tweet has to be made in Boston

Steps: 'select distinct UserName,Location,Status_Count from mbta where location="Boston, MA" '

Actor action – User view's the number of tweets

System Responses – System Displays the tweets have been issued by MBTA in Boston

Post Condition: Systems Displays the Tweets

14. Use Case: To check in how many tweets the keyword North is used along with
userscreen name , followers and description

Description: View the text of the tweets and find the keyword north and then display it

Actor: User

Precondition: The tweeted post must have the keyword north in it

Steps: 'select * from mbta where Text like "%North%" '

Actor action: User views the text of the tweet that has the keyword north in it

System Responses: Displays the text of the tweet that has the keyword north in it

Post Condition: system the text of the tweet that has the keyword north in it

15. Use Case: To check in how many tweets the keyword South is used along with userscreen name , followers and description

Description: View the text of the tweets and find the keyword South and then display it

Actor: User

Precondition: The tweeted post must have the keyword South in it

Steps: 'select * from mbta where Text like "%South%" '

Actor action: User views the text of the tweet that has the keyword north in it

System Responses: Displays the text of the tweet that has the keyword north in it

Post Condition: system the text of the tweet that has the keyword north in it.

16. Use Case: how many tweets about mbta has been tweeted

Description:Total number of tweets created by mbta

Actor: User

Precondition: username , tweet_text,

Steps: SELECT COUNT(*) my_tweet_count FROM mbta LIMIT 1

Actor action: user gets total count of tweets by mbta

System Responses: system displays total tweets by mbta

Post Condition: Total count tweets by mbta is display

Error: User Name other than mentioned does not exist

17. Use Case: To Check the twitter account of uber and lyft is verified or not ?

Description: User checks the verified account column

Actors: User

Precondition:Username and verification must exist

Steps: 'select distinct Username,Verifcation from result where Verifcation=1

Actor action – User requests the verified account for verification of the account

System Responses – User views Verified Account for verification

Post Condition: All the information is successfully displayed

Alternate Path: If the username does not exist, the user won't see the verified account

Error: username is incorrect/ username does not exist

18. **Use Case:** To count the number of tweets in which the user's has mentioned uber

Description: Display the count of tweets mentioning uber

Actors: User

Precondition: User must have made an order

Precondition: distinct username and atleast one tweet have been tweeted

Steps: select count(*) from result where Text like "%@uber%"

Actor action: User requests for displaying count of tweets having uber

System Responses: count the number of tweets that has user has mentioned uber in it

Post Condition: System displays the total no of tweets in which it has mentioned uber

19. **Use Case:** To check in how many tweets the keyword uber

Description: View the text of the tweets and find the keyword uber and then display it

Actor: User

Precondition: The tweeted post must have the keyword uber in it

Steps: 'select * from result where Text like "%@uber%" '

Actor action: User views the text of the tweet that has the keyword uber in it

System Responses: Displays the text of the tweet that has the keyword uber in it

Post Condition: system the text of the tweet that has the keyword uber in it.

20. **Use Case:** To check in how many tweets the keyword lyft

Description: View the text of the tweets and find the keyword lyft and then display it

Actor: User

Precondition: The tweeted post must have the keyword lyft in it

Steps: 'select * from result where Text like "%@lyft%" '

Actor action: User views the text of the tweet that has the keyword lyft in it

System Responses: Displays the text of the tweet that has the keyword lyft in it

Post Condition: system the text of the tweet that has the keyword ;lyft in it.