**MINI TWITTER PROJECT**

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This project is the backend of a mini-messaging service inspired by Twitter. It is a RESTful Web Application developed from a Spring Boot project and consists of the following endpoints:

1. GET: View the tweets of the current user and his/her followers  
   Usage: <http://localhost:8080/message>
2. GET: Support of a search parameter that allows to filter tweets in 1  
   Usage: <http://localhost:8080/message/search=xyz> (xyz is to be replaced by the desired string)
3. POST: Write a new tweet  
   Usage: <http://localhost:8080/message/content=xyz> (xyz is to be replaced by the desired string)
4. GET: List of all users being followed by the current user  
   Usage: <http://localhost:8080/following>
5. GET: List of all users following the current user  
   Usage: <http://localhost:8080/followers>
6. GET: List of all users  
   Usage: <http://localhost:8080/people>
7. POST: Follow a user  
   Usage: <http://localhost:8080/people/follow/id> (id is the integer value ranging from 1 – 11)
8. POST: Unfollow a user  
   Usage: <http://localhost:8080/people/unfollow/id> (id is the integer value ranging from 1 – 11)
9. GET: List of all users and most popular follower  
   Usage: <http://localhost:8080/option2>

**INSTALLATION**

1. Download the project. Open a terminal window from the root directory of the project.
2. Run the following commands **IN ORDER**:  
     
   a) gradle build  
   b) gradle wrapper –gradle-version 4.0  
   c) ./gradlew build  
   d) java -jar build/libs/mini-twitter-v1-0.0.1-SNAPSHOT.jar  
   (EASY WAY TO RUN: Just run ./go).
3. Once the Spring boot application launches, open Postman. Select Basic authentication. Username is ‘user’. For password, use the default password that will show up in the terminal window (**NOTE: This will change on every execution**).
4. Once username and password have been entered, each endpoint can be run and the desired output will be obtained.