ADH 401T Project

You are to develop a tweet management system. The system has to have the ability to tweet any message written by the user and saves the tweets to a database. The tweet management system is to be written using the wildfly implementation Java EE reference architecture. This is to be a layered eclipse project. The project specification is to be as follows:

1. The project is to have a User Interface (UI) front-end that follows the Model View Controller (MVC) design pattern that a user can type a tweet and retrieve tweets from a database.
2. The system is to have a rest front-end which any other system or client can integrate with and publish and retrieve past tweets (use jax-rs).
3. The system is to use a MySQL database, the data source is to be "java:/ADH401TDS".
4. As proof of your solution, tweet to the lecturers ADH401 twitter handle @AdhLecturer with your student. The tweet should read, "[your student number] ADH project"
5. Integration with tweeter shall be achieved using client library integration strategy using twitter4j library (https://www.baeldung.com/twitter4j)
6. A typical tweet is recommended to have the following structure:
   NB [notes are in square brackets and they are not part of the value]

property	Possible value
TweetBody	@AdhLecturer 2564 ADH project
timestamp	2019-10-'T'10:20:00 **[may not be part of ui dto but is to be part of dao]**
TweetID	0001 **[Unique id]**

Instructions for the project below:

(a)   meet all the requirements in the above specification

(b)   Submit the **EAR artifact** together with the **code base no later than the 27th October 2019**.

(c) submit the link to the git hub repo that you have pushed the project to adh401tut@gmail.com.