Blogging Site (Course Final Project)

Don't:

1. Do not send a response in HTML/XML.
2. Do not send string responses.
3. No DB calls in controllers.

Do's:

1. APIS should send JSON response (status, message, data, error)
2. APIs should be rate-limited - 500ms: 2hits/sec
3. MVC -Model (Classes, Schema), Views, Controller(Routes)

1. **Authentication (session bases auth) -Done**
    a. Register - email(unique), the username(unique), password, name, and phone number.
    b. Login - Email/username, password.
    c. Logout
2. **Create Blog - Done**
    a. Only text data
    b. Limit of characters to 1000max
    c. Db schema should store the creation_time and user_details
    d. Schema- { title, text,, creation_time, user_id }
3. **Home Page - Done**
    a. All the Blogs are in descending order of time.
    b. Pagination of the API (limit 10).
4. **My Blogs -Done**
    a. All the Blogs are in descending order of time.
    b. Pagination of the API (limit 10).
5. **Edit Blog - Done**
    a. Edit can only happen until 30 mins after blogging
6. **Delete Blog - Done**
    a. Allow the user to delete the Blog anytime

Database collection/Tables

1. User
2. Blogs
3. Sessions

Follow-up tasks:

1. **Follow(Create):** Allows users to follow other users - **Done**
    a. DB entry following_user: userId, follower: myUserId, creation_datetime
2. **Followers List (Read) -** following_user: userId ****Pagination - **Done**

3. **Following List (Read) -** follower: userId - Pagination - **Done**
4. **Unfollow -** Deletes the following entry from DB - follower: userId - **Done**
5. **Bin**
    a. Delete should not delete the item, it should move it to the bin
    b. isDeleted: true, deletion_datetime: time of deletion
    c. Update the read API's to check for isDeleted: true
    d. Cron to delete the deleted tweets from DB - Everyday to delete 30 day old tweets

Advanced Features:

1. Hashtags
    1. An array of 30 chars string stored in Blogs schema - 20 hashtags at max
2. Trending (Top 10)
    1. Blogs on a particular hashtag being used most in the last 3 hrs
3. Laugh/Like on Blogs - Blog schema will have a laughReaction, likeReaction keys / {type: laugh/like, BlogId, userId}
4. Comments - Nested Blogs