ACCUKNOX ASSIGNMENT – SOCIAL MEDIA PLATFORM

**Approach Note:**

**All the APIs except login and sign-up will require the token authentication. This token will be provided as a response of login (or sign-up) API. In Postman API, go to HEADERS, in Key, write “Authorization” and in its value, write “Token <token>”.**

**1. No of APIs – 8**

Login APIs

1. <http://0.0.0.0:8000/api/login-api/login/> (login)
2. <http://0.0.0.0:8000/api/login-api/sign-up/> (sign up)

Relation

1. <http://localhost:8000/api/relations/search-user/> (User Search)
2. <http://localhost:8000/api/relations/send-request/> (Send Request)
3. <http://localhost:8000/api/relations/accept-request/> (Accept Request)
4. <http://localhost:8000/api/relations/delete-request/> (Reject Request)
5. <http://localhost:8000/api/relations/friend-list/> (List of Friends)
6. <http://localhost:8000/api/relations/pending-list/> (Pending List of Requests)

**2. Postman Collection: The Json file has been attached with the Git Repo.**

**3. Instructions as per Assignment Problem Statement**  
  
a. User can login using their Email ID and Password

b. Sign Up will need Name along with Email ID and Password.

c. In above cases, the email ID is case – insensitive as instructed

d. In Search User API, if request is in the form of [XYZ@XYZ.XYZ](mailto:XYZ@XYZ.XYZ), it will search in the Email Column of Master User Data, else, will check in Name column as a substring using ”\_icontain” method.

e. Friend List API, as instructed, will only show the users who have accepted requests been sent by account owner.

f. Using Cache, I have developed the Send Request API, as instructed, such that a person can send only 3 requests per minute.

4. Check Database at localhost:5050 once building the docker compose will be done.