General Instructions:
* Code will be checked for duplicates (using third party tools)
* Partial code/functionality is allowed
* English Grammar is not important (as long as meaning is communicated properly)
* Assessment of this assignment will be on overall coding, logic
* MongoDB database credentails will be provided via chat in internshala
* Front-end (GUI) assignment will be assessed on responsiveness, look and feel, and user friendliness


These are open-ended real-world assignments

Web Backend Assignment Instructions (for backend developers):
* Use any of the following languages: Python, NodeJs, Java, C/C++
* Use any document oriented (NoSQL) database such as MongoDB: SQL based databases (MySQL, PostgreSQL) are fine too as long as
* Bulid a REST API
    - which can process HTTP requests asyncrhonously
    - which has authentication (oauth - refer fastapi oauth authentication for python)
    - which connects to mongodb (database backend)
    - and aggregates email notifications (mongodb collection email_notifications) based on type of notification
    - provides API response in a meaningful way


Front-end (GUI) Instructions (for front-end developers):
* Use any free images/designs available on google
* Build using a micro-frontend (preferable) strategy
* call a REST  API (API endpoint will be provided in internshala chat when test begins) which gives a html document which needs to be displayed in browser
    - the API has OAuth authentication and credentials will be provided in chat to authenticate and call the API
* show data from another REST API (will be provided through internshala chat) in a table format
* Build any of the two below things
1. build a simple login mechanism using facebook
    - have a "login via facecboo" button
    - it should ask facebook credentials and once successfully logged in it should show basic information about the logged in user
2. Click tracking
    - build a web page which takes a website URL as input
    - build code (javascript) which can be used to track mouse clicks on the web page corresponding the URL specified in previous point


For any questions, reach out to me on this number - 9182985983