Database tasks

During this internship, you will work on various tasks related to building dashboards for visualizing data and information within the organization's system. The primary focus will be on creating interactive and informative dashboards that provide insights and data analytics.

The first task is to build a streamlit dashboard to show the following:

1. Build a dashboard to visualize the number of registered users, and subscribed users daily, weekly, monthly, and yearly.
2. Build a dashboard to visualize the number of users subscribed to each bundle daily, weekly, monthly, and yearly.
3. Build a dashboard to show all users in the 10k AI initiative, the number of their completed courses, and the information of the last completed course like the date of completion, degree … etc
4. Build a dashboard to visualize all users, the number of their currently learning courses, and the number of completed courses during this week, month, and year.
5. Build a dashboard to allow us to search for a user id of a user and see the current user information, the user's bundles, courses, completed courses, completed quizzes and degrees, and completed capstones with all details.
6. Build a dashboard to show each admin and the number of capstones evaluated for today, this week, and this month.
7. Build a dashboard to show each user's capstone and the evaluation history of this capstone.
8. Build a dashboard to show all coupons and the number of actual users who used these coupons.
9. Build a dashboard to show the number of users grouped by age, and study degree.
10. Build a dashboard to show all users and their employment grant status and history, in addition to all employment grant status with the number of users in this status.

If you wish to work on the chatbot task feel free to finish the following 2 tasks before the deadline.

Chatbot

1. Build a chatbot that can take input from the user and respond with a suitable answer using any of the free chatbot apis (chatgpt is not allowed).
2. Make the chatbot answer questions from the database provided in the upper tasks.

Deadline:

Thursday 9 Nov, 2023 11:59 PM.

Any submission after the deadline will not be considered.

Task submission is done through my WhatsApp (Ahmed Ismail) and the evaluation of the task will be done by Sunday.