Moonshot home assignment

Intro

The assignment objective is to test your autodidact ability when exposed to new technologies, if you have any experience in Djagno or Angular please inform us and we will send you an alternate test.

In this assignment you will have to build a small web application with a backend and a frontend side, you will have to host this project either on AWS or on Heroku.

You are tested not only on task completion but also on understanding the new framework and the stuff you code. You are also tested on the amount of hours it took to complete the task.

Good luck

About the test

The objective of this mini project is to test your learning skills and see how you cope with new technologies. The technologies you will be exposed to here will be frontend and backend related.

You will be tested on the following sections: time to learn, depth of learning, quality of code, dilemmas and difficulties.

Submission of the test is 4 days after the test was given.

Submission of the test is via a public github repository (send the url of the repository to the mail: yariv@nerdeez.com)

GOOD LUCK

Task

- Backend
  - Write the backend in python Django
  - Backend will have an sqlite database
  - create a table named Question in that database
  - the table will consist of the following fields:
    - id (primary key)
    - title - string that will hold the title of the question
    - description - string that will hold a string with the question itself
    - author - will be connected by foreign key to django user model
  - create a model for that table
  - attach that model to a django admin interface
  - create a CRUD (Create, Read, Update, Delete) rest resource for the table you created - find how you implement a rest server from django and create a rest server service for your question model (we should be able to do a get request to read data, a post request to insert data, a put request to update data and a delete request to delete data)

- ○ **Bonus: write a test for your rest service**
- ● Frontend
  - ○ Use Ionic to write a cordova application
  - ○ The first screen will get the questions from the rest server and display them in a list
    - ■ the list will contain the title and description
  - ○ when clicking on an item in the list we will move to a question page which contains all the data about a question, including the author
  - ○ **Bonus: run the app on your phone**
  - ○ **Bigger Bonus: Add options to edit a question and delete a question**

Contact
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GOOD LUCK