Backend Assignment

Instructions for the backend assignment

ISSUED BY

Panorbit Services LLP

REPRESENTATIVE

career@panorbit.in

What are we looking for?

With this assignment we try to analyse few key parameters that are important to our organisation. Before you start writing the code, please keep the following points in mind.

We are looking for:

1. Of course, a working prototype with all the requirements met
2. Ability to write bug free code in given amount of time
3. Coding standards. The way you write the code, indentations, comments, naming discipline etc
4. Attention to details.

Instructions to follow

1. Modify the default Django user table and the custom user table should consist of the following fields.
    i. First Name
    ii. Last Name
    iii. Gender
    iv. Email ID (Primary Key)
    v. Phone Number
2. There is no "password" field. The password to login will be an OTP either sent to their mail or Phone Number
3. Write Rest APIs for Signup, Login, Logout. Create HTML pages for the same. Every time a user tries to Login, OTP is sent and he has to use that OTP to login.
4. Use the given sql dump (world.sql) to create the other models and to populate the data. This will give you the data to display once the user logs in.
5. On login, the dashboard with just one search bar and search button should be displayed. (refer google home page)

6. As user starts typing in the search bar, the system should autosuggest options available in the system. The user will search by city or country or language.
7. Once search button is pressed, list of relevant information should be displayed in the next screen.
8. Where ever the name of a country appears, it must be clickable and should redirect to a "Country details" page
9. Logout redirects to login page

Deliverables

1. Source code, either in zip format or a GitHub link
2. Step by step instruction to run the program. Please be elaborative
3. List of dependencies/requirements to run the code