**PRODDIS SOFTWARE ENGINEER TECHNICAL TEST**

**Task**:

Create a web application with Python and a framework like Flask or Django that allows users to search for restaurants in a city and view their menus and ratings using a public API like Yelp or Google Places API. The app should also store user search queries in an SQLite database that needs to be created, with fields like IP address, search query, and timestamp.

Requirements:

* Add a search bar for users to input city names.
* Show a list of restaurants in the city, including their menus and ratings.
* Save user search queries to a SQLite database.
* Create an admin page to view the search query data and number of times each query was submitted (**Optional**)
* Try to host the application on a cloud platform like Heroku or PythonAnywhere (**Optional**)

Deliverables:

1. Provide the source code for the web app, and necessary configuration files.
2. Give a demo of the web app running locally or remotely on a production server.

Evaluation Criteria:

* The functionality of the web app, including the ability to search for restaurants and display their menus and ratings.
* Code quality, including readability and adherence to best practices.
* Proper use of Python libraries and frameworks.

Please provide Deliverable number 1 (source code) no further than a week from now.

The next step will be to have a call in which you can show your solution to us and answer some questions about your work.

Don't hesitate to get in touch should you need any further information.