

Recruitment task description

The goal is to build a simple backend for a table builder app, where the user can build tables dynamically. The app has the following endpoints:

Request type	Endpoint	Action
POST	/api/table	Generate dynamic Django model based on user provided fields types and titles. The field type can be a string, number, or Boolean. HINT: you can use Python type function to generate models on the fly and the schema editor to make schema changes just like the migrations
PUT	/api/table/:id	This end point allows the user to update the structure of dynamically generated model.
POST	/api/table/:id/row	Allows the user to add rows to the dynamically generated model while respecting the model schema
GET	/api/table/:id/rows	Get all the rows in the dynamically generated model

Requirements:

- You must build this app with Django.
- All API calls should be handled by the Django REST framework.
- You must use Postgres as DB backend.
- Write clean and Organized code.
- Nice to have docker and docker-compose to put all inside containers
- Nice to have swagger or redoc
- Nice to have tests

You will be judge on:

- Code quality
- Organization and structure
- Following best practices on handling APIs
- Error handling

After completing the task push your code to a GitHub repository and provide a link to it.