

Python Backend Developer Test

Solve the following challenge using Python, and in this particular case we suggest using Django.

Make sure you upload your code/solutions to GitHub for us to be able to review.

Once you finish these exercises respond to the email sent to you with this document attached and include the link(s) to your repositories.

Please make sure that the repositories are public so we can review them, also you should include a README file with the following:

- Describe the solutions you implemented for each exercise
- Give an overview of how your code is structured.
- Provide instructions on how to run your code. (THIS IS IMPORTANT!)

Requirements

1. Given the following JSON Data as source:

<https://rss.applemarketingtools.com/api/v2/us/music/most-played/100/songs.json>

Develop a solution to the given requirements.

- Create an API that has the following endpoints:
 - An endpoint to provide a search lookup within the tracks (at least by name, but is open to any suggestions)
 - An endpoint that would allow to get the top 50 popularity tracks.
 - An endpoint to remove a track, using a given identifier (defined by you)
 - An endpoint to add new tracks using ORM.
- Bonus
 - Use a Database (suggested: SQLite), instead of the JSON File. Include a create schema in the repo and instructions on how to implement it.
 - Add authentication API endpoint(s) with Django Rest Framework (DRF).
 - Use SQL instead of ORM only for SELECT queries.
 - Create an endpoint to return the tracks grouped by genres