



EonX PHP Developer Test Task

This test task requires you to create an API that will import data from a 3rd party API and be able to display it. This test task should demonstrate how you structure your code and apply any appropriate design patterns.

Features overview

- Import customers from a 3rd party data provider and save to database
- Display a list of customers from the database
- Select and display details of a single customer from the database

Acceptance criteria

- Lumen or Symfony framework must be used and the database layer should be
 - <https://www.doctrine-project.org/projects/orm.html> - for Symfony
 - <http://www.laraveldoctrine.org/docs/1.4/orm/lumen> - for Lumen

- Implement Data Importer
 - Fetch and store a minimum of 100 users from this data provider: <https://randomuser.me/api>. See official documentation for fetching multiple users [API Documentation](#)
 - The user data retrieved from the data provider must be stored in `customers` table of a RDBMS database
 - Import only the customers that have the Australian nationality
 - The importer should be constructed in a way that it can be used in any part of the application: services, controllers, commands, jobs, etc.
 - The importer should be designed so the data provider could be replaced later with a minimal impact on the codebase
 - If the data provider returns a customer that already exist by email then update the customer

- Implement RESTful API having two endpoints
 - `GET /customers`
 - Retrieve the list of all customers from the database. The response should contain
 - `id`
 - `fullName` (first name + last name)
 - `email`
 - `country`
 - `GET /customers/{customerId}`
 - Retrieve more details of a single customer. The response should contain
 - `id`
 - `fullName` (first name + last name)
 - `email`
 - `country`
 - `username`
 - `gender`
 - `city`
 - `phone`
- Create a console command to be able to execute the importer
- Tests must not request the 3rd party API
- The database should only store the information that is needed for this task
- You may not secure your API
- **Submit your code in a GitHub repository**

Good luck!