Setting up the project

For the scope of this project you are requested to use Symfony 3 framework & php 7. When done, please push your solution to a git repository, and share the repo with us.

Kindly include instructions on how to run the project. It would be perfect if you could provide us with a docker container, to get the app running without any issues.

Task description

1. Using doctrine mappings, create an Offer entity with the given fields:

   ○ application_id

   ○ country

   ○ payout

   ○ name

   ○ platform

2. Create a symfony bundle command that will take Advertiser ID as a parameter.

3. Command should fetch data from the endpoint (described in a later section) and save the data within the entity.

4. Keep in mind that in the future we will have new Advertisers that should be integrated.

5. Hints:

   ○ Use DependencyInjection so that we can plug in any Http Client we want

   ○ You are expected to write clean and well documented code

   ○ You are expected to make use of the new features in PHP 7

   ○ The following design patterns can be applied to this task:

       i. Singleton design pattern

       ii. Factory pattern

       iii. Strategy design pattern

iv. Dependency Injection

Requirements

- payout should be stored in USD

- country should be stored as ISO 3166-1 alpha-2

- application_id should be unique

- platform should be an enum ['Android', 'iOS']

Additional information

- For Advertiser with ID = 2 to get payout amount for each offer you have to calculate it from points, where 10 points = $0.01.

Example routes to fetch data:

- http://process.xflirt.com/advertiser/:advertiser_id/offers

  Retrieves all the offers data for the given advertiser ID.

- http://process.xflirt.com/advertiser/:advertiser_id/offers/offer_id

  Retrieves one offer data for the given advertiser ID

Solution

- Please include a short document, explaining your design, and any instructions needed to run the command.