PHP Tech Assessment

Introduction

The scope of this test is to build a small sample application based on the requirements provided. The code should allow us to get an idea of your coding skills. At all costs you must avoid overengineering but you should keep in mind maintainability, extendability and clean code.

There are no limits on the amount of code you can write. Keep your codebase as simple as possible but if you decide to use any frameworks, libraries or databases please list them in your answer.

Requirements

Create a small application that helps the fictional company, Affi'25 to pay its partners according to their performance. The partners are getting paid according to the number of events they generate and can have different payment methods: some are getting paid weekly, some biweekly, others monthly.

The basis for the payments are events. Each event has the following characteristics: ● id

● timestamp ● partner
● amount
● currency

The payments are handled in the following way:
● Partners are getting paid 4 days after their payment period. If by any chance the payment date is a

weekend, then they are getting paid the first Wednesday after that.

Help the finance team by providing a list that contains all payments. The list should contain the partner, the total amount and the payment day. All amounts should be in EUR.

Notes:

> ● For simplicity you can use a simple class that has a static list of conversion rates and another one
> for the payment terms of the partners.

- Weekly payments intervals: (1 7, 8 15, 16 23, 24 End of the month)

- BiWeekly payments intervals: (1 15, 16 End of the month)

- Monthly payments intervals: (1 End of the month)

- Assume that the data can change and it can come from different sources but for the test you can use the data from the attached file.

- Assume that the list could be provided to the finance team in different formats but for the test you can create a csv file containing the result.

- In case of ambiguity you are in charge of making the decision.