

# Order text messages microservice - code challenge

## Description

At TakeAway we keep our customers up-to-date with text messages.

After an order is placed a text message should be sent to the customer as a confirmation.

This message should contain the name of the restaurant and the estimated delivery time.

We would like you to set up a microservice that is able to perform the actions described in this document. You are free to use any text message delivery platform such as Messagebird (free test texts), Nexmo (free test credits), Twilio (free trial) or any other service.

## Functional requirements;

- Make sure your microservice communicates through API endpoints
- Every restaurant has its own delivery time that is being communicated in the text message
- Make sure every text message is stored in the database.
- Make sure the provider is swappable (i.e. make sure we can easily add and use a new provider)

## Technical requirements;

- The API is documented with OpenAPI specification
- The code has both unit- and end-to-end tests
- The codebase includes a readme which substantiates your decisions
- You are using micro-commits

**Important:** we'll only have Docker running on our machines and should not have to install any additional software to get this micro-service running.

## Out of scope

Don't worry about the authentication/authorization for this microservice for now.

## Bonus points \*

First bonus point; TakeAway wants to also send a text message after the delivery of the meal. This text message should be delivered 90 minutes after the restaurant's delivery time.

*\* This is not required for the code challenge but would be considered as bonus points.*

## Required techniques:

- Docker

- PHP
- MySQL (or any other data storage)
- OpenAPI

**Preferred techniques:**

- Laravel/Lumen/Symfony

**Done?**

Push all the micro-commits to a Github repository and share this with one of our recruiters and include the repository url.