

Firmstep Developer Test

PHP

General Description

This is a coding test to replicate a real-world scenario for you to complete to the best of your ability.

We recommend to send the results the same day you received the test.

You will be given a SQL file to use to create the table necessary to complete this task.

Scenario

We have a council who would like to use an application to queue people at the reception desk.

You have been asked to build a RESTful API to work with the queue system in order to insert and retrieve queue entries from the database.

If you are not familiar with API development, try to complete the task as you prefer.

Requirements

- Use PHP and MySQL
- Use Postman, CURL or whatever you prefer to perform the API Calls

Endpoint	Method	Purpose	Parameters
/queue	POST	Create a new entry into the queue table with the current timestamp	<ul style="list-style-type: none">• type<ul style="list-style-type: none">• Mandatory• Accepted values: Citizen, Anonymous• firstName<ul style="list-style-type: none">• Mandatory for Citizen• lastName<ul style="list-style-type: none">• Mandatory for Citizen• organization<ul style="list-style-type: none">• Optional• service<ul style="list-style-type: none">• Mandatory• Accepted values: - Council Tax, Benefits, Rent
/queue	GET	Retrieves all the entries queued today	<ul style="list-style-type: none">• type<ul style="list-style-type: none">• Optional<ul style="list-style-type: none">- if used, filters by Citizen or Anonymous- if not used, returns all the entries

- Returning data must be a JSON containing:
 - Status: The API call status (Success or Error)
 - Data: The returning data or a success/error message
- No frameworks are allowed to be used, such as Laravel or Symfony.
- No need to check authentication or authorization.
- Time Limit: 90 min – Send us your code even if the test is not completed.

Please, push the code of the test into your GitHub account