Task II – Develop a feature

Imagine we are the owners of a winery that offers a daily selection of different wines for a taste.

We need to process all the orders made by the customers. There are two waiters in the winery and one sommelier.

The customers will order random wine(s) from the selection to their assigned waiter who will send the request to the sommelier.

If the ordered wine is available, the sommelier will provide it to the waiter and the waiter to the customer, finalizing the order.

If the wine is not one of the available wines of the day, the sommelier will tell the waiter that the order can't be processed.

Your goal:

We provide you a [RSS feed](#) with a list of wines and the day when they're available. You need to import it and store the available on it. There should be a way to update the available wines every day.

Create some code, preferrably in PHP, and use a queueing system for establishing the communication between the waiters and the sommelier. Remember returning a response to the customer, either the wine is available or not.

Provide unit tests for ensuring that every piece of functionality works as expected.

Bonus points:

- Experiment a bit on the **Frontend** side
- Record a **video** (upload it to the repository) where you give us a short explanation about your code structure, showing us also any interesting carachteristic you would highligt from your project. Make sure to keep some seconds to show the tool running. Max length: 8 minutes
- The more **clean** and structured is your code, the better
- Store an application **log** with relevant actions
- Include integration **tests**
- Add any **framework** or technology you consider that add value, don't forget to give us your **arguments**
- Be **creative**, add any other requirement that could be interesting for this feature. Again, document your **arguments**

Please provide a well formatted **README** document (or a documentation folder) containing:

- How to install and run the application (detailed steps)
- What has been done
- What extra requirements have been added
- Any other detail you consider it'd be good to be documented

Important:

We need to see your potential. Do not hesitate to ask us if you have any doubt and if you run out of time, upload what you have before the time is over and let us know.

Feel free to also push to the repository a folder containing the responses to the other two tasks in the case study (Priorities and MySQL queries).