

This is a PHP developer test following the instructions in PHP Developer Task.pdf
Written by Luciano García Bes in PHP 7 using Bootstrap and jQuery.

INSTALLATION

Import vanhack.sql into your MySQL server and set the right configuration in config.php.
Ready to go!

Web interface

In the main page (vanhack.localhost as installation directory) you'll find some statistics showing number of recipients, offers and vouchers in the DB along with the number of vouchers used in the last 24 hours, 48 hours and 7 days.

In the top navbar you'll find 3 options: Home, Recipients and Offers.

Home

Home is the main page with the system statistics.

Recipients

List of the recipients present in the DB and options to create new recipients, edit or delete existing recipients.

Create Recipient

To create a recipient just need to insert the name and a valid e-mail address. Newly created recipients won't have vouchers until a new offer is created.

Edit Recipient

Editing a recipient won't modify the recipient's vouchers.

Delete Recipient

Deleting a recipient will delete the vouchers for that recipient too. Can't undo this action, beware.

Offers

List of offers in the DB and options to create a new offer, edit or delete existing offers.

Create Offer

To create a new offer just need to insert the offer name, discount and expiration date. When a new offer is created a voucher for each existing recipient will be created with a unique code, and an email will be sent to the recipient.

Edit Offer

The offer edition lets you edit the offer name, expiration date and discount value. No new vouchers will be created when editing the offers.

Delete Offer

Deleting a offer also deletes all the vouchers for the offer. Can't undo this action, use with caution.

API Endpoint

The API interface has calls to get a listing of the valid vouchers for a recipient, information for a voucher and use a voucher. More information about those calls and example codes can be found in `api_calls.txt` file.

GET listing

With the recipient email as input it retrieves a list of all the valid vouchers for the recipient. It optionally takes page and results values for paging the results.

GET voucher

Retrieves voucher code, offer name, discount, expiration date, and used status for a given voucher.

PATCH voucher

Updates the used date for the voucher with the current date and retrieves the discount value along with the new used date for voucher. If the voucher has expired or the voucher is already used it will retrieve an error message.

API Response Codes

Code	Description
0	Success
1	Invalid API call
2	Recipient email is required
3	Voucher code is required
4	Voucher not found
5	Voucher expired
6	Voucher already used
7	No valid vouchers found for given e-mail
8	Page value must be an integer greater than 0
9	Results value must be an integer greater than 0