

Merchant Payment Search

One of the key features of our web application is the possibility to search a particular category(district/location) for merchants' payment details.

General task description

- Your task is to build a merchant search based on the data attached to this task.
- Data from a provided file should be imported and validated by executing the command in the shell.
- The goal is to have a single-page website in which the user can search and filter our list of merchants by certain criteria.
- After selecting a merchant, the matching list of payment details that actually fit this merchant should be listed.
- The site should be responsive and good modern looking.

In our technology stack, we mainly use Laravel framework and MySQL together with Frontend stack HTML5, JavaScript, jQuery, and Bootstrap 4. Do keep in mind though that we do want to get an impression of your coding style. Choose which functionalities you develop more yourself and for which ones you eventually choose extensions.

You do not need to integrate other website functionality that is outside of the scope of this task.

After finishing please provide all necessary data to run the project on a local LAMP stack. Please provide information how to setup the project in a README file.

Task details

- **Merchant Search**

As a Payable staff, I want to search the merchant database by certain attributes that are typical for the district, payment data range, etc.

The filter attributes are:

- a. district (i.e. colombo)
- b. postal code
- c. payment date range

The order of the attributes in the filter form is not relevant. But the filters depend on each other(i.e. district and postal code). That means if the user selects Colombo as a district, the postal code filter lists should be updated so that they only show values that match the Colombo district in the database.

If the user starts the search for matching merchants, please show a list of available merchants so he or she can select a merchant. Choose a layout and type of presentation that you think is good for this purpose.

- **Payment List**

After Selecting a merchant the page should list the matching payment details for that merchant in a list or grid.

Feel free to add additional functionality to this list. These could be a search or filter, maybe pagination or presentational overlays, custom graphic elements, images, etc.

Provided Data

- merchant.xlsx

Good luck!