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The App

Set Up

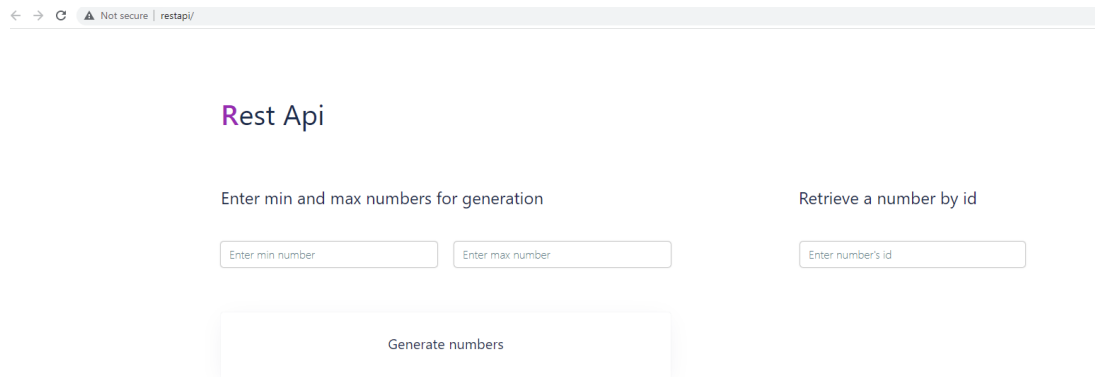
The application works like a regular website, to run you need a local server with access to the Internet or a hosting. (Bootstrap is loaded from the cdn link).

Download app.zip from: https://github.com/VladULazarev/projects/tree/main/project_one, unzip it into your project directory.

You need to create a database. Open the new DB and import the file **app.sql**. The file is located in the root folder.

DB connection settings need to be edited in the file: core\DbConnection.php

After start you will see:



The screenshot shows a web browser window with the address bar displaying "restapi/". The page title is "Rest Api". The interface is divided into two main sections. The left section is titled "Enter min and max numbers for generation" and contains two input fields: "Enter min number" and "Enter max number". Below these fields is a large button labeled "Generate numbers". The right section is titled "Retrieve a number by id" and contains a single input field labeled "Enter number's id".

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Next, you need to enter the minimum and maximum values for generating random numbers and click on 'Generate numbers'.

For example, if you enter 2 and 10 respectively, then nine random numbers will be generated and nine rows will be written to the table, where 'id' will be from 1 to 9, and random numbers from 2 to 10 will be written to 'rand_num'.

The previous generation will be removed. To get a number, you need to enter any 'id' from 1 to 9 in the 'Retrieve a number by id' field. The script will work if you enter at least one digit.

Rest Api

Enter min and max numbers for generation

Generate numbers

Retrieve a number by id

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Numbers generated

What was used

PHP 7.4, SQL 5.7, Bootstrap 5.0, jQuery