POKEMON APPLICATION (Core php)

I - STEPS TO RUN:
 1 - unzip the folder and paste it in xampp/htdocs.
 2 - change the url.
3- Run pokemon.com.

II - Change url Name from http://localhost/pokemon.com to just http://pokemon.com (very important step for the application to run)
Steps(How to do): - unzip the folder and paste it in xampp/htdocs.

1- Go to C:\xampp\apache\conf\extra and add following lines:

    <VirtualHost *:80>

        DocumentRoot "C:/xampp/htdocs/Pokemon"
        ServerName pokemon.com

    </VirtualHost>

2- Go to C:\Windows\System32\drivers\etc and add following lines:

    127.0.0.1   pokemon.com

Now You can access the application on url http://pokemon.com.

httpd-vhosts.conf - Notepad

File Edit Format View Help

```
    DocumentRoot "C:/xampp/htdocs/basicwebsite/public"
    ServerName aaina.com

</VirtualHost>

<VirtualHost *:80>

    DocumentRoot "C:/xampp/htdocs"
    ServerName localhost

</VirtualHost>

<VirtualHost *:80>

    DocumentRoot "C:/xampp/htdocs/Pokemon"
    ServerName pokemon.com

</VirtualHost>
```

hosts - Notepad

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```
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows
#
# This file contains the mappings of IP addresses to host names. E
# entry should be kept on an individual line. The IP address shou
# be placed in the first column followed by the corresponding hos
# The IP address and the host name should be separated by at leas
# space.
#
# Additionally, comments (such as these) may be inserted on indiv
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#      102.54.94.97       rhino.acme.com          # source server
#       38.25.63.10       x.acme.com              # x client host

# localhost name resolution is handled within DNS itself.
#       127.0.0.1       localhost
#       ::1             localhost

127.0.0.1     aaina.com
127.0.0.1     localhost
127.0.0.1      pokemon.com
```

III - MVC FLOW OF THE APPLICATION:

The Application is built in Core php,So implementing the mvc pattern in core php.
Flow :
1 - The application Starts by running the index.php and from there all the routings are done.
2- The index.php calls all the controllers.
3- The controllers calls the pokemon.services files which has all the functions to get the data
4 - The pokemon.services calls the http-client service.php where the client is consuming the data from the server through pokeapi.co API.
5- And then all the Controllers returns the views with the data.

IV - IMPLEMENTATION OF SEARCH:

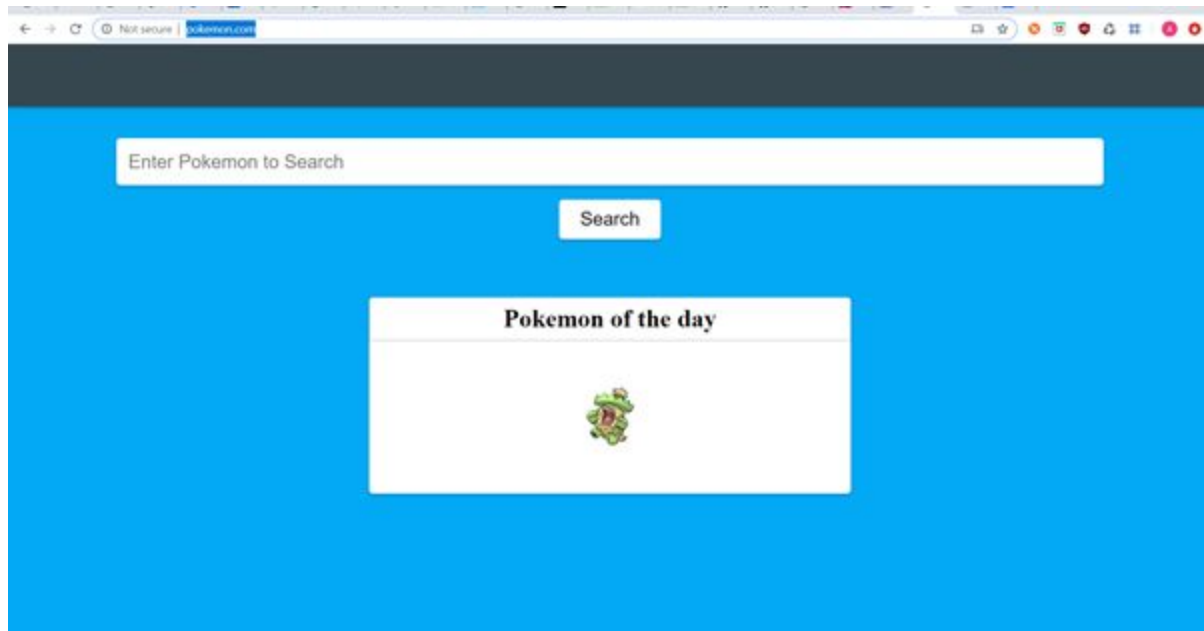As there was no provision provided on the api to implement the search,the search is implemented on the client side as.
1 -First getting all pokemon data from server and then filtering the records based on pokemon names on the client side and returning the search-results view with the data.
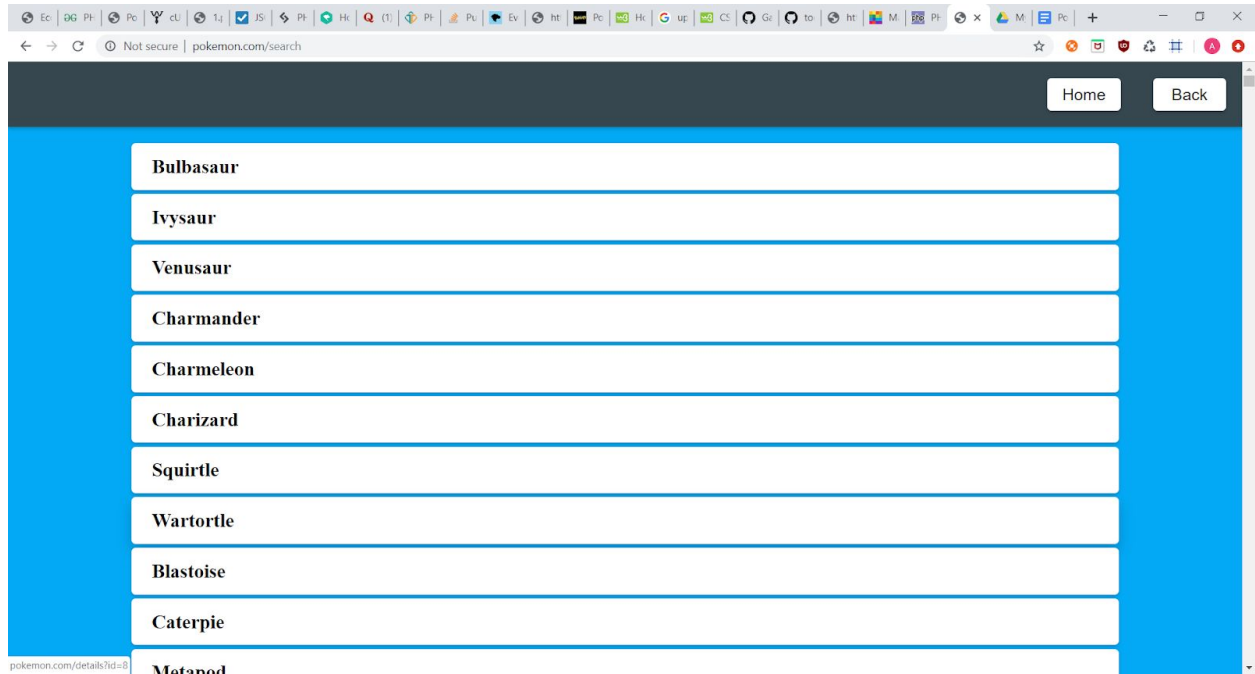V) IMPLEMENTATION OF POKEMON IMAGE THAT CHANGES EVERY DAY
1 - Finding the current day of the year.
2 - Passing the current day as id to get the pokemon data which gives us details of pokemon according to that id
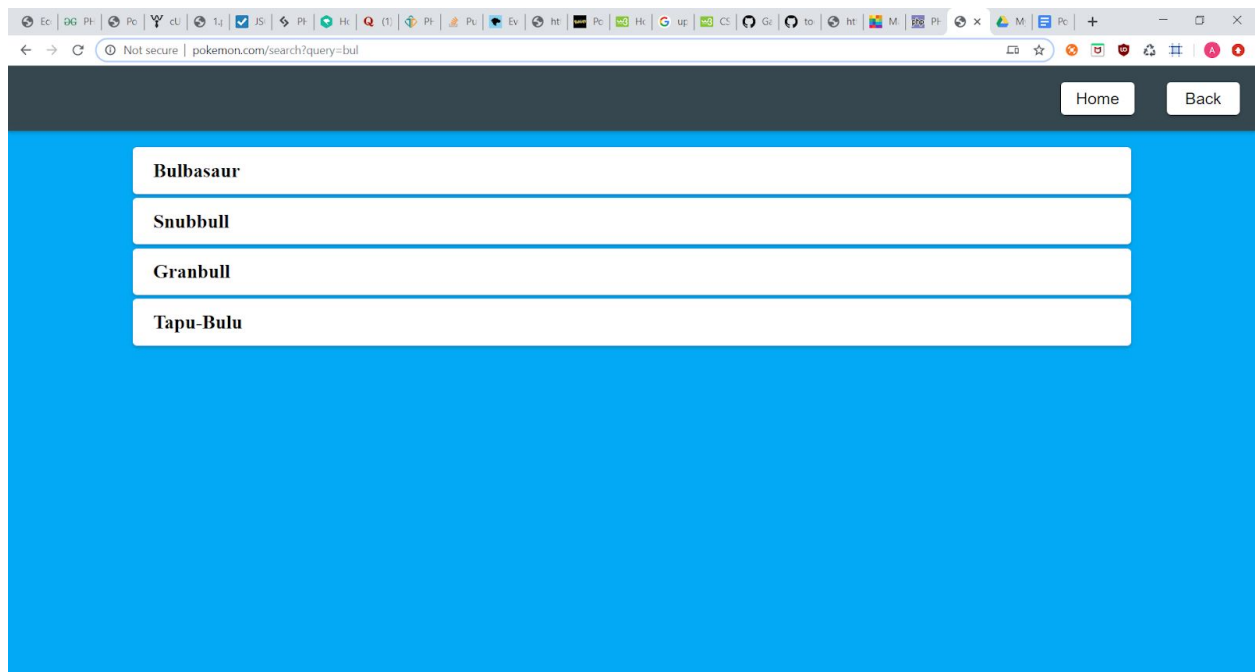3 - Accessing the image of the pokemon from the details and displaying it.

Screenshots:

Home Page

Search-results Page:

Search-results Page:(on Search):

Details Page:

Home   Back

BULBASAUR

Basic Details

Name of the Pokemon BULBASAUR

Height of the Pokemon 7

Weightof the Pokemon 69

Abilities

1 - CHLOROPHYLL

Height of the Pokemon 7

Weightof the Pokemon 69

Abilities

1 - CHLOROPHYLL

2 - OVERGROW

Moves

1 - RAZOR-WIND

2 - SWORDS-DANCE

3 - CUT

4 - BIND

5 - VINE-WHIP

6 - HEADBUTT

7 - TACKLE

8 - BODY-SLAM