**Installation process**

In order to run that web application, as it is still in a development process you must have installed the properly software to test it locally in a computer. You can read the following instructions in order to let you test the app (V\_1.0).

REQUIREMENTS

1- XAMPP Apache + MariaDB + PHP + Perl (version 7.2.1 or higher)

You can download it by clicking on the link below:

<https://www.apachefriends.org/download.html>

2- Codeigniter development framework (version 3.x or higher)

You can download it by clicking on the link below:

<https://www.codeigniter.com/download>

You must install the previous programs to test the application, by default, install first XAMPP, in you C: disk or in the one you have your program files. During the installation process let all the asked parameters by default.

Once you have XAMPP already installed in the computer, go to the link of codeigniter and download it. Go to the route where you have XAMPP installed, and place the uncompressed files in “xampp/htdocs”, we suggest you also to rename the codeigniter folder as “ci” or some similar short folder name in order to let you access it quickly from your browser.

Now, take our web app (called TravelWebApp) and the assets folder (called assets) and place both of them in: “xampp/htdocs/ci”. Now you are almost ready, but you need to make some further changes to make the app run.

Go to codeigniter (ci) folder and edit the file called index.php with notepad++, sublime, visual studio code, atom or a similar program that let you know the number of lines of a plain text document.

If you don’t have any software like this, you can try for example with visual studio code.

You can download it by clicking the link below:

<https://code.visualstudio.com/Download>

Then go in index.php to line 117, and change the current variable to: $application\_folder = 'TravelWebApp';

Come back to where xampp folders are, and tap double click on a file called: xampp-control.exe

A little menu will be displayed, press on start on the lines of Apache and of MySQL.

Once Apache and MySQL are running (it takes some seconds), go to your favourite browser, and type in the URL space the following:

**“localhost/phpmyadmin”**

It will redirect you to the database system that XAMPP use, click on the left menu bar on create a new database (or just New), and then call it “appdb”.

Then click in the same menu, on that new database and in the top menu that is displayed later, click on IMPORT. Let all the parameters by default and in the file selection, select our app database file called (sqldb.sql)

You also will need now to create an user with the following parameters, so click on your new appdb database, and go to privileges, then select create a new user, and in username set “appdbuser”, in password set “12qwas” and finally in host set “localhost” (removing the %). Scroll down and clic in save changes.

Click on continue and exit this web window.

Now go again to your favourite browser and type in the URL space the following:

**“localhost/ci”**

It will redirect you to the login page of our website, from there, you can start testing it.

Suggestions:

We also recommend you to have your favourite browser update, in order to let it understand possible evolutions of php language or other things involved in the code of the web app.

If you want to also run it in a subnetwork, we recommend you change a parameter in the default configuration of Apache.

Go to Apache line in the control panel of XAMPP and click on config and in Apache httpd.config.

Now find this tags (before the half document)

DocumentRoot "C:/xampp/htdocs"

<Directory "C:/xampp/htdocs">

And some lines below them you will see a line with this:

Options Indexes FollowSymLinks Includes ExecCGI

Just remove Indexes and save the changes, it wont allow other people to have not granted access to your app files and folders in codeigniter.

ONCE YOU HAVE DONE THIS, YOU CAN ENJOY THE APP SO FAR, GO TO README FILE IF YOU WANT TO READ THE USER MANUAL