

6. Deploy the App

The following document describes how to deploy the app built in step 5, both locally and globally. It is recommended to build an app locally first to eliminate bugs and errors and test overall user experience. To build locally first, follow the steps for locally hosting in step 4 and here in step 6. When ready to host globally, follow the steps for global hosting in step 4 and here in step 6 below. See how the final product should look at

<https://www.iecolab.org/pestHubMap/template/>

Deploy App LOCALLY

1. **Make sure WAMPServer is up and running**
 - a. Launch the WAMPServer app. If it is running properly the WAMPServer icon on the task bar should turn green.
 - b. If the icon is red, the services are not running properly. See links in step 4 to trouble shoot
2. **Place app files in WAMPServer folder.** Files must be placed within the WAMPServer folder so they can be read by WAMPServer and locally hosted. Using the template:
 - a. Find the wamp64 folder, it should be in the C Drive of the computer
 - b. Clone or copy template folder
 - c. Place template into the C:\wamp64\www folder
3. **Add User to sqlAccess.php**
 - a. Locate *sqlAccess.php* in the copied template folder. At the top of the file make sure to fill in the username, password, and database (created in step 4).
4. **Search <http://localhost/template/index.php> in a browser**
 - a. The local version of the website. If there are any issues, see the browser's developer tools to troubleshoot. Edit code within wamp64/www/template folder as needed.

Deploy App GLOBALLY

After deploying locally and working out errors and bugs, the app is ready to be deployed globally. The process of hosting globally mimics locally hosting.

1. Login to cPanel
2. Under "Files" select "File Manager"
3. Navigate to the public HTML folder and desired domain name
4. Place template within this folder or nested in another if desired
5. In *sqlAccess.php*, Fill in the username, password, and database name created in step 4
6. Search for the app in a browser with the file path the template is hosted online
7. The app should be up and running.
 - a. If there is trouble, check the browser's developer tools