

# **POLYTECH PARKING**

## **Guide**



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### I. Installation Guide

- Install WAMP Server from the link below:  
<http://www.wampserver.com/>



#### INSTALLING

- Double click on the downloaded file and just follow the instructions. Everything is automatic. The WampServer package is delivered with the latest releases of Apache, MySQL and PHP.
- Once WampServer is installed, you can manually add additional Apache, Php or MySql (only VC9, VC10 and VC11 compiled) versions. Explanations will be provided on the forum.
- Each release of Apache, MySQL and PHP has its own settings and its own files (datas for MySQL).

**Using wampserver**

- The "www" directory will be automatically created (usually c:\wamp\www)
- Create a subdirectory in "www" and put your PHP files inside.
- Click on the "localhost" link in the WampSever menu or open your internet browser and go to the URL : http://localhost

#### FUNCTIONALITIES

WampServer's functionalities are very complete and easy to use so we won't explain here how to use them.

**With a left click** on WampServer's icon, you will be able to:

- manage your Apache and MySQL services
- switch online/offline (give access to everyone or only localhost)
- install and switch Apache, MySQL and PHP releases
- manage your servers settings
- access your logs
- access your settings files
- create alias

**With a right click :**

- change WampServer's menu language
- access this page

- Connect your computer and your smartphone into the same WIFI network.
- Go to the Windows command page, type "ipconfig" to retrieve the IPv4 address.

- Follow all the instructions in the link below and allow them connect to the server (to your database))

<http://www.codeproject.com/Tips/395286/How-to-Access-WAMP-Server-in-LAN-or-WAN>

- The "polytech\_parking" database must be re-installed on your PC, you have to be connected to the wamp server's SQL named command prompt, and type the query to run the "BDD\_parking.sql" SQL file:

"C://path\_to\_the\_file/BDD\_parking.sql"

- In the ANDROID STUDIO file, you have to change the ipv4 address("192.168.43.179") of yours and change the path enter to the file. You mustn't add "C://wamp64/www" because you can use the IPv4 address. Take the Android Studio file as an example.
- Place all the folders of the project in "C://wamp64/www", possibly in some sub-folders, to access the PHP pages.

## II. Using Guide

### 1. Start-up

1. Launch application « Polytech Parking »



2. Authorize the permission to use the GPS

3. Welcome page allows to select your choice : See the parking list or the current booking.



To display the parking and/or book a parking space.

See the current booking and/or notify the quit.

### 2. Book/ display the parking space

1. Select « Réserver votre place de Parking »(book your parking space) on the welcome page.

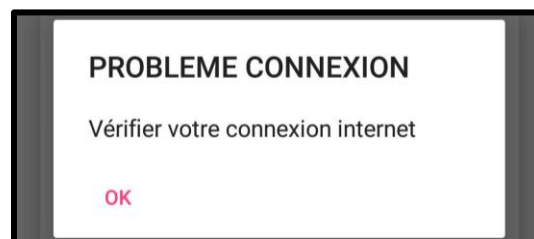


A list with the name, the description, the number of available parking spaces and the view of each car park appear on the screen.

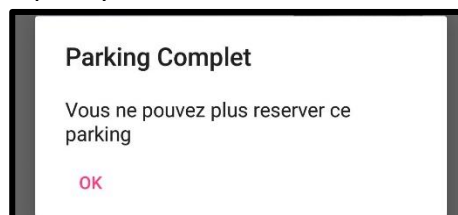
- If a booking is in progress an error dialog box appears.



- If the connection of the web server doesn't work, an error dialog box appears.



- If the car park you want to select is full, an error dialog box appears.



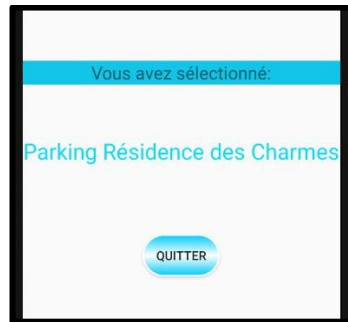
1. Select the car park you want.

2. Click « Réserver » (booking) OR  
Click « Annuler » (cancel) return to the welcome page.



3. Selected the button « Réserver »(booking) .

4. The name of booked the car park appear on the screen. Click « quitter » (quit)



3. See the current booking/ Notify the quit of car park

1. Select « Voir les réservations en cours »(see the current booking) on the welcome page.



If there was not any booked record, an error dialogbox appears .

2. Select « Signaler votre sortie » (notify the quit)

