

Car pooling System

Technical Document

Msc.CA Sem II

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Abstract

This guide covers preparing for installation, running the installation script, and the steps that should be done after the installation script has completed.

1 System Requirements

To install and run **Car Pooling System** your web server must meet certain minimum requirements:-

- **Disk Space** - A minimum installation requires 15 Megabytes.
The required size will increase for database, files uploaded by the users, media, backups and other files.
- **Web Server** - Apache WebServer is required.
- **Database** - MySQL Server version 5.5.34 or higher.
- **PHP** - PHP version 5.4.9 or higher.

2 Creating Database

Create a database using MySQL commands in Command Line

- Create a new database:
 - `mysql -u username -p create databasename`
- Log in and set the access database rights:
 - `mysql -u username -p`
- At the MySQL prompt, set the permissions using the following command:
 - `GRANT SELECT, INSERT, UPDATE, DELETE, CREATE, DROP, INDEX, ALTER, CREATE TEMPORARY TABLES ON databasename.* TO 'username'@'localhost' IDENTIFIED BY 'password';`
 - In this case:
 - * `databasename` is the name of your database
 - * `'username'` is the username of your MySQL user account
 - * `'localhost'` is the host where CarPooling is installed
 - * `'password'` is the password required for that username
- If successful, MySQL will reply with:
 - `Query OK, 0 rows affected`
- Now exit the MYSQL prompt by typing:
 - `exit`

3 Installing CarPooling

- For Linux distribution, Copy the CarPooling.zip File to document root directory. Unzip the CarPooling zip file in a folder and rename the folder as per your convenience.
- Open **carpooling_config.php** file in a text-editor and input your **database name, database username, database password and mysql host-name**. Also put in the desired **table prefix**.

```
- define('DB_NAME', 'databasename');  
- define('DB_USER', 'username');  
- define('DB_PASSWORD', 'password');  
- define('DB_HOST', 'hostname');  
- $table_prefix = 'prefix';
```

- Open the **install_script.php** file through the web-browser using the host-name. e.g localhost/CarPooling/install_script.php
- If everything is successful, you will get a **Success** message.

4 Post Successful Installation

- Now you can browse to the website through web-browser. e.g localhost/CarPooling/
**Note that CarPooling is the name of the website folder. Your website folder name can be different.*

- The default user ie the first user is considered admin and has admin permission.

```
- username : admin  
- password : admin
```

- Once logged in with default username and password the admin should change his password with **Change Password** option.
- Admin can further add,delete, update user and vehicle profile. He can also renew the pass.
- Admin can change the site name and logo of the site through the customization option.