



INSTALLATION GUIDE

HVAC VALIDATION AND DOCUMENT MANAGEMENT SYSTEM

Installation Guide
For
HVAC Validation and Document Management System



INSTALLATION GUIDE

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1. Introduction

1.1 Purpose

This document is provided to serve as a guide for anyone when they want to install and configure ProVal – HVAC Validation and Document Management System on the server machine.

1.2 Scope

This document is intended to be used to install the HVAC validation system.

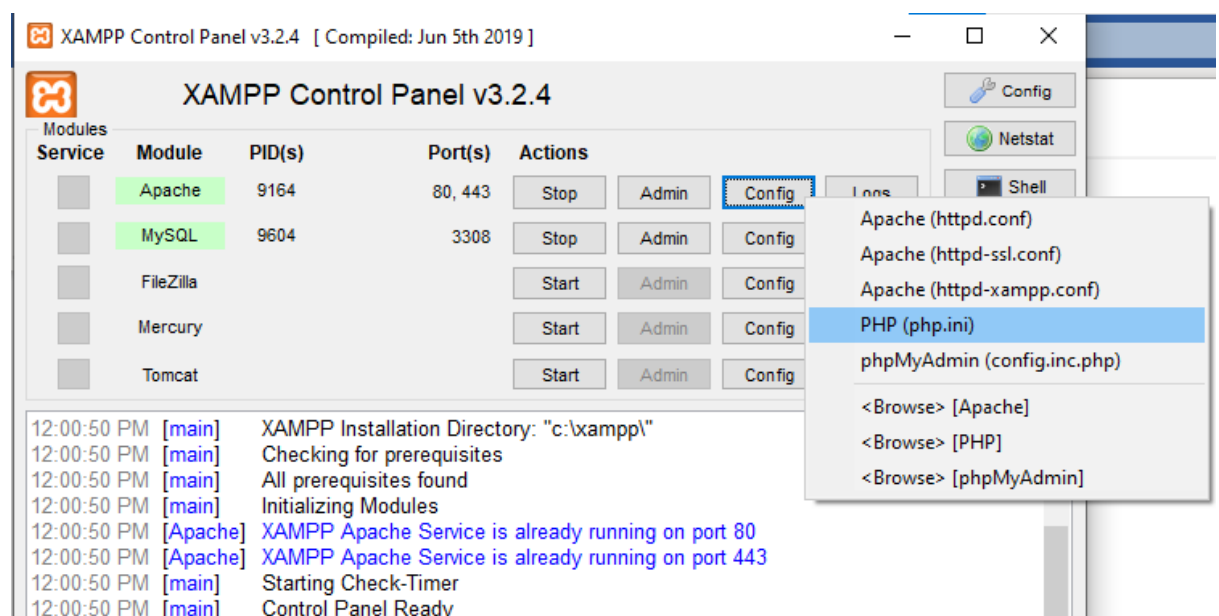
2. Installation Instruction

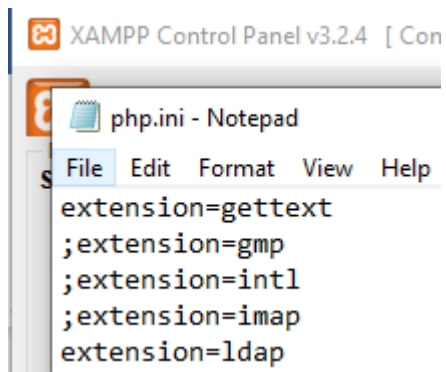
2.1 Pre-requisites

In this section a list of install prerequisites are mentioned that must be fulfilled before the install can begin.

1. Operating System: Windows 10 64 bit
2. Software Components:
 - a. XAMPP - Apache Web Server and MySQL modules must be installed.
 - b. MySQL Workbench
3. The following extension must be enabled in the php.ini file, by uncommenting the following line.

extension=ldap



INSTALLATION GUIDE**HVAC VALIDATION AND DOCUMENT MANAGEMENT SYSTEM****2.2 Installation Procedure**

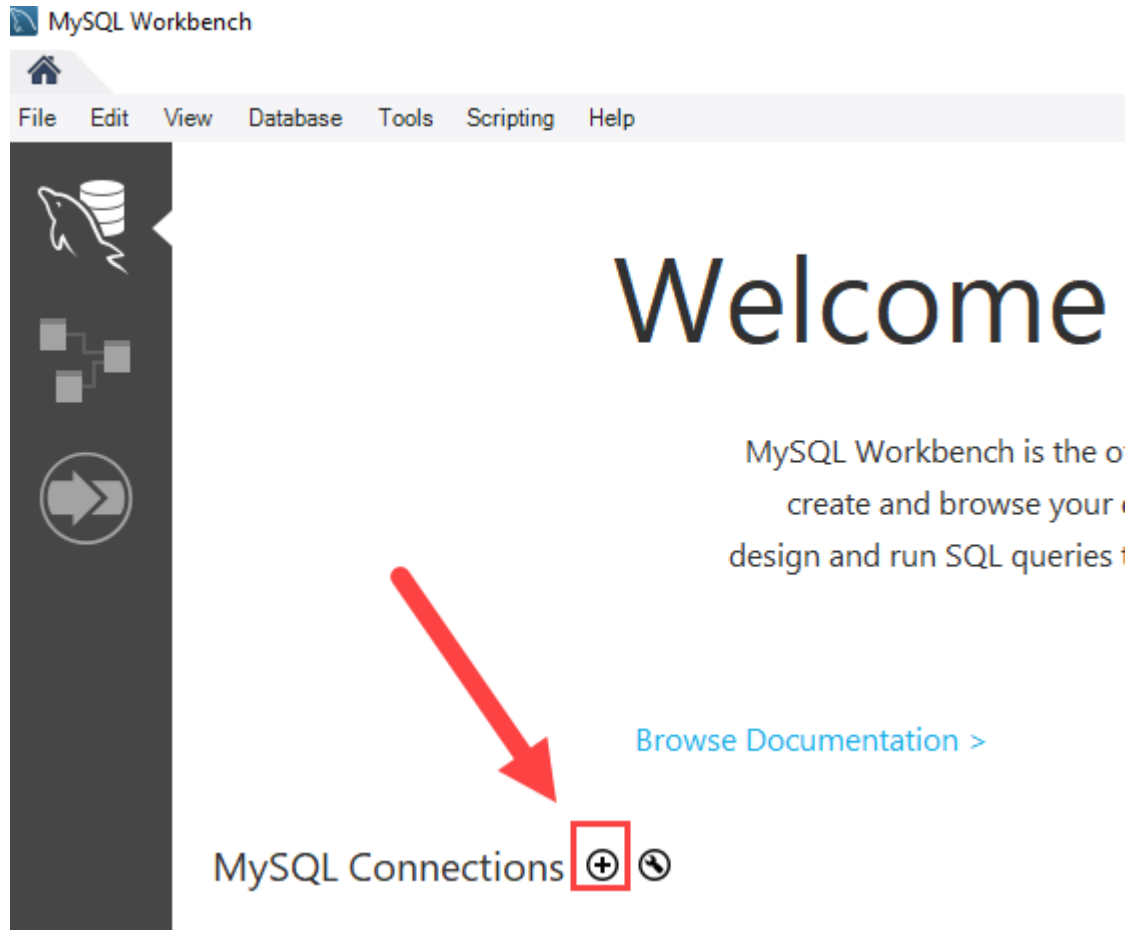
Once all prerequisite checks and controls are positively finished, the install process can start.

2.2.1 Database

1. Launch the MySQL Workbench and click the plus icon as shown in the following screenshot to setup a new connection:

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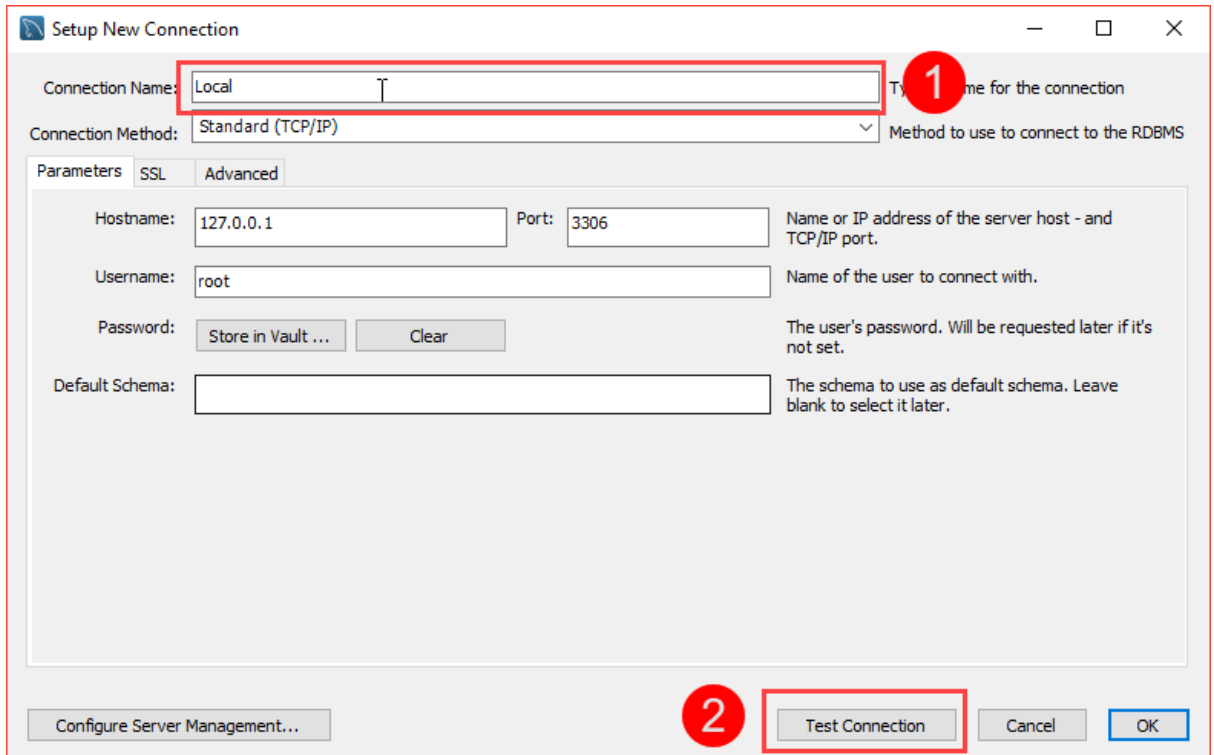
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2. Type the name for the connection and click the Test Connection button.

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Setup New Connection

Connection Name: Local

Connection Method: Standard (TCP/IP)

Parameters | SSL | Advanced

Hostname: 127.0.0.1 Port: 3306

Username: root

Password: Store in Vault ... Clear

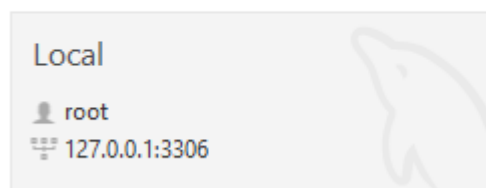
Default Schema:

Test Connection

- Click 'Ok' once the connection succeeds.

Double-click the connection name **Local** to connect to the MySQL Server.

MySQL Connections

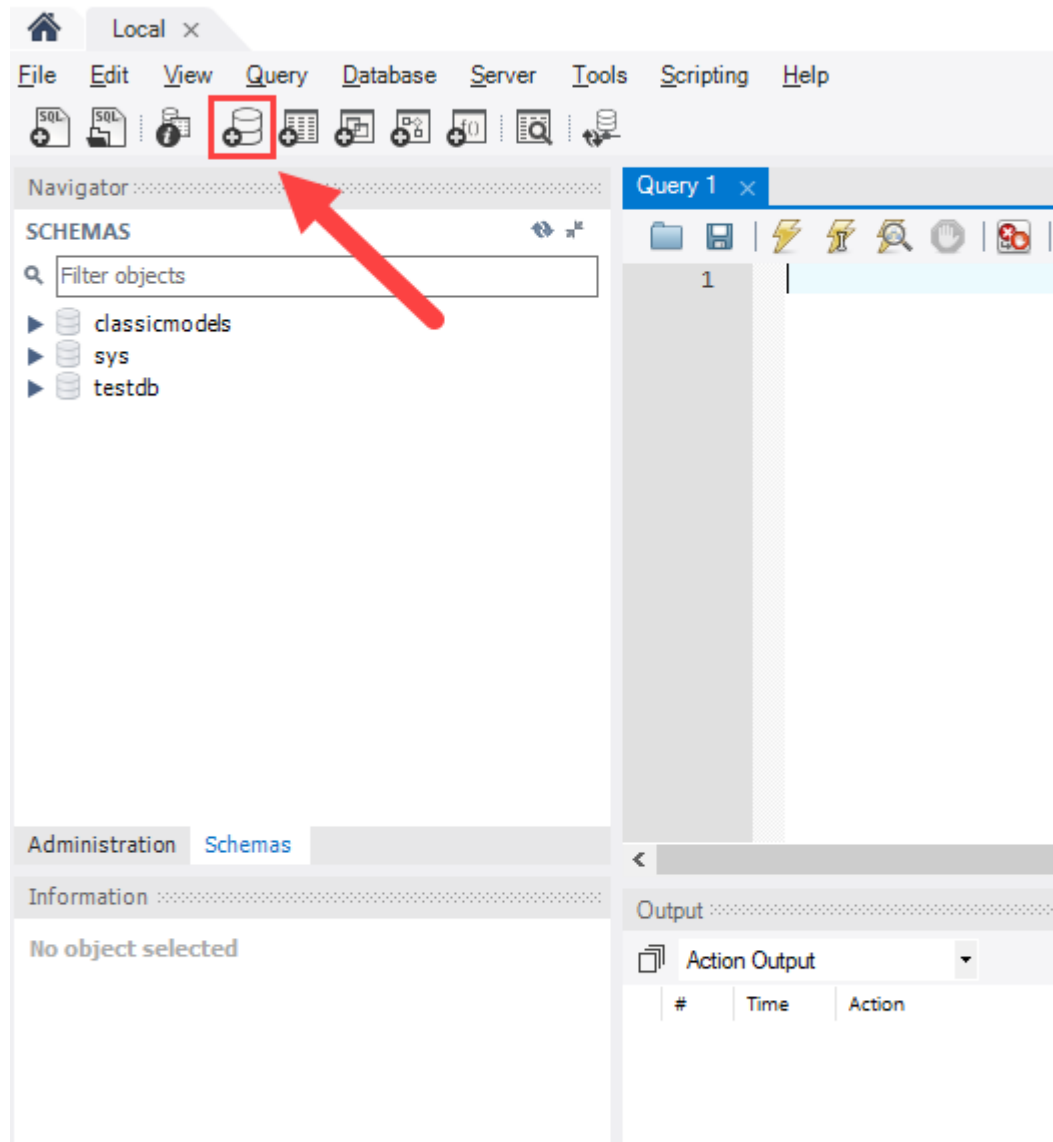


- MySQL Workbench opens the following window which consists of four parts: Navigator, Query, Information, and Output.

Click the **create a new schema in the connected server** button from the toolbar:

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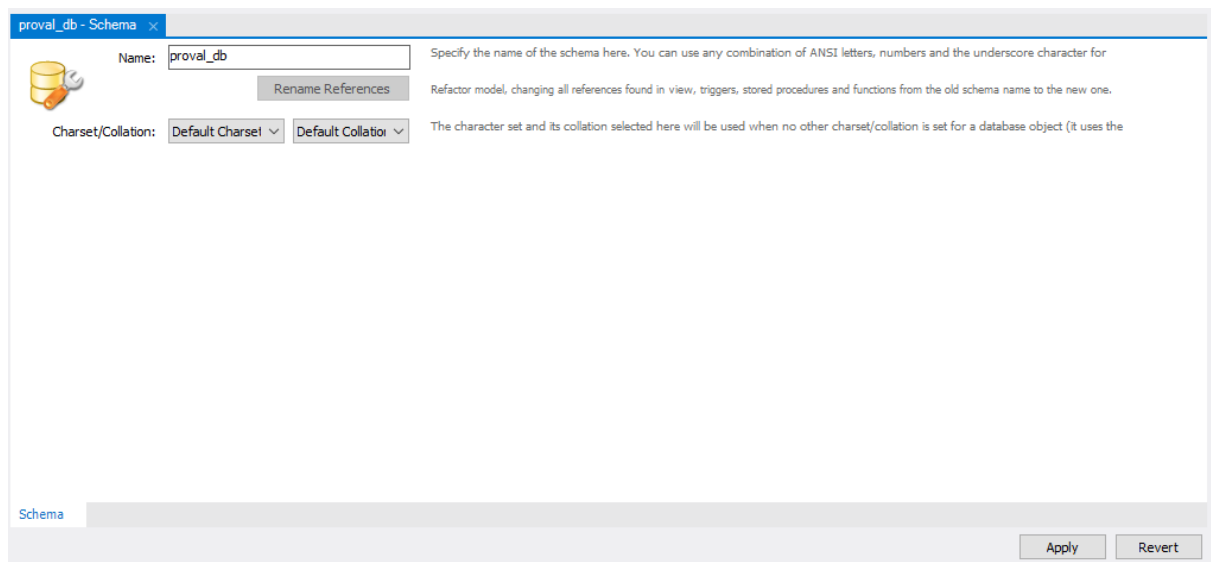
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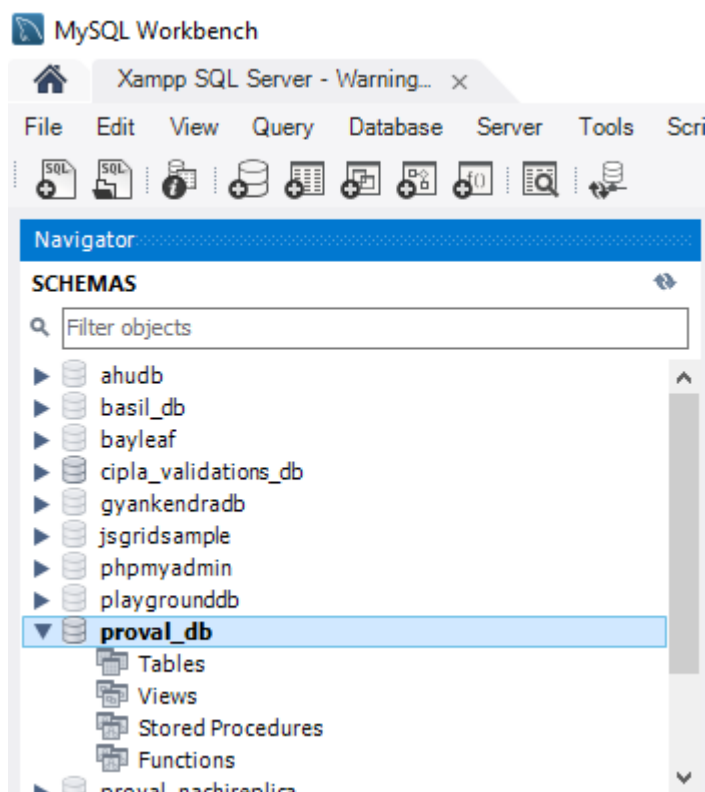
5. Enter the schema (database) name and click the Apply button.

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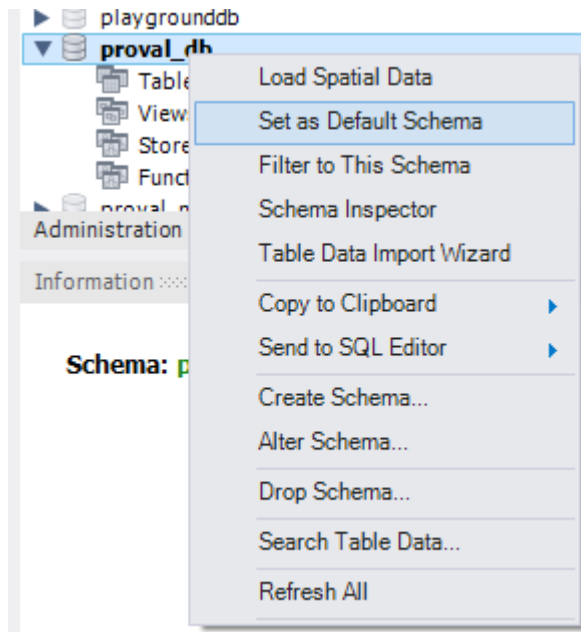
6. If everything is fine, you will see the new database created and showed in the **schemas** tab of the **Navigator** section.



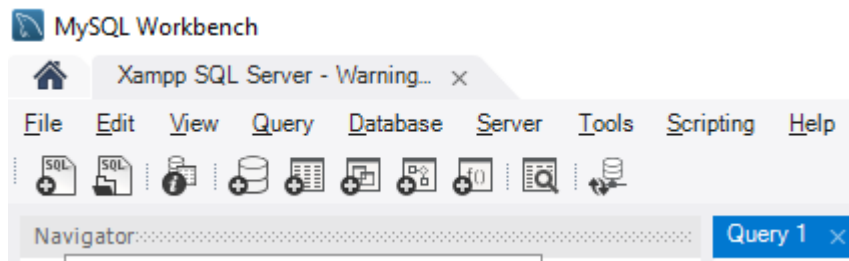
7. Right click the database name and choose **Set as Default Schema** menu item:

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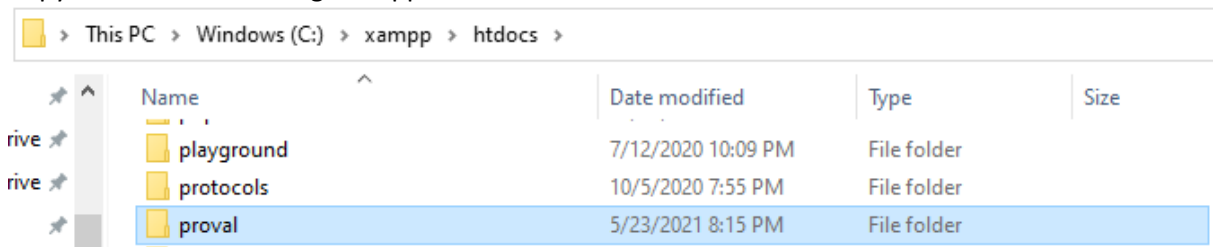
- Open a new SQL tab for executing queries.



- Copy and paste all SQL queries from the `proval_db_sql_queries` script file. Once all the SQL commands are executed successfully, the required tables shall be created in the database.

2.2.2 Application System

- Copy the folder containing the application files in the `htdocs` folder on the server.

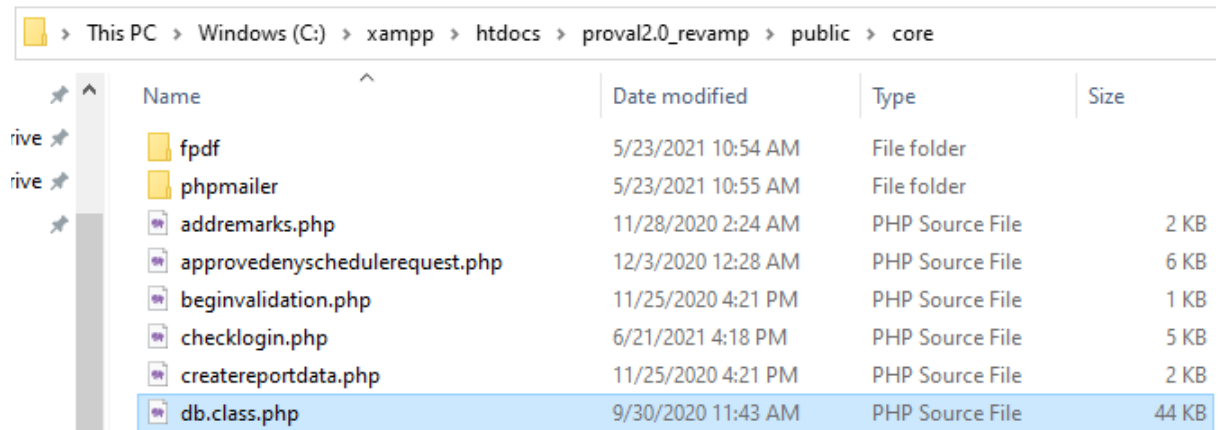


2.2.3 Configuration

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1. Open db.class.php file from the following location.

{Installation_Folder} > public > core



| Name | Date modified | Type | Size |
|--------------------------------|--------------------|-----------------|-------|
| fpdf | 5/23/2021 10:54 AM | File folder | |
| phpmailer | 5/23/2021 10:55 AM | File folder | |
| addremarks.php | 11/28/2020 2:24 AM | PHP Source File | 2 KB |
| approvedenyschedulerequest.php | 12/3/2020 12:28 AM | PHP Source File | 6 KB |
| beginvalidation.php | 11/25/2020 4:21 PM | PHP Source File | 1 KB |
| checklogin.php | 6/21/2021 4:18 PM | PHP Source File | 5 KB |
| createreportdata.php | 11/25/2020 4:21 PM | PHP Source File | 2 KB |
| db.class.php | 9/30/2020 11:43 AM | PHP Source File | 44 KB |

2. Change the database connection details in the file and save the file.



```
db.class.php
You should have received a copy of the GNU Lesser General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.
*/

class DB {
    // initial connection

    // initial connection
    public static $dbName = 'proval_db';
    public static $user = 'root';
    public static $password = '';
    public static $host = 'localhost';
    public static $port = 3306; //hhvm complains if this is null
    public static $socket = null;
    public static $encoding = 'latin1';
}
```

3. Post Installation

Run the application.



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