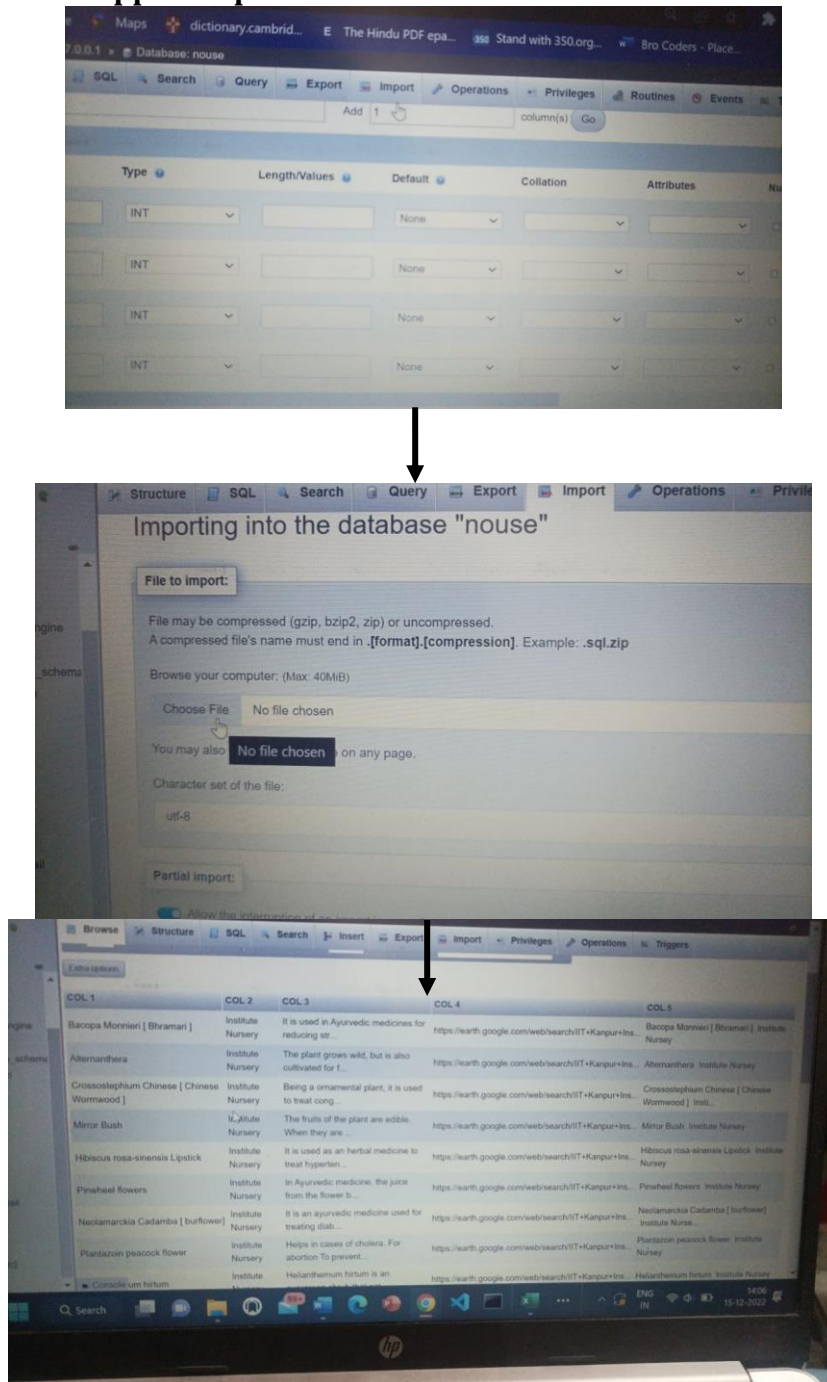


Project Flow

We should be able to directly import collected excel sheet Tree data, into the server.
There are many ways 2 of the ways are discussed :

1. Make use of xampp to import excel sheet.



OR Write a small html form to import excel sheet

```
<!DOCTYPE html>
<html lang="en">
<head>
  <meta charset="UTF-8">
```

```
<meta http-equiv="X-UA-Compatible" content="IE=edge">
<meta name="viewport" content="width=device-width, initial-scale=1.0">
<title>Document</title>
</head>
<body>
  <div id="wrapper">
    <form method="post" action="import_file.php" enctype="multipart/form-
data">
      <input type="file" name="file"/>
      <input type="submit" name="submit_file" value="Submit"/>
    </form>
  </div>
</body>
</html>
```

Try writing the code for import_file.php for reading from excel sheet and inserting into database.

Attributes of html form:

1.method :

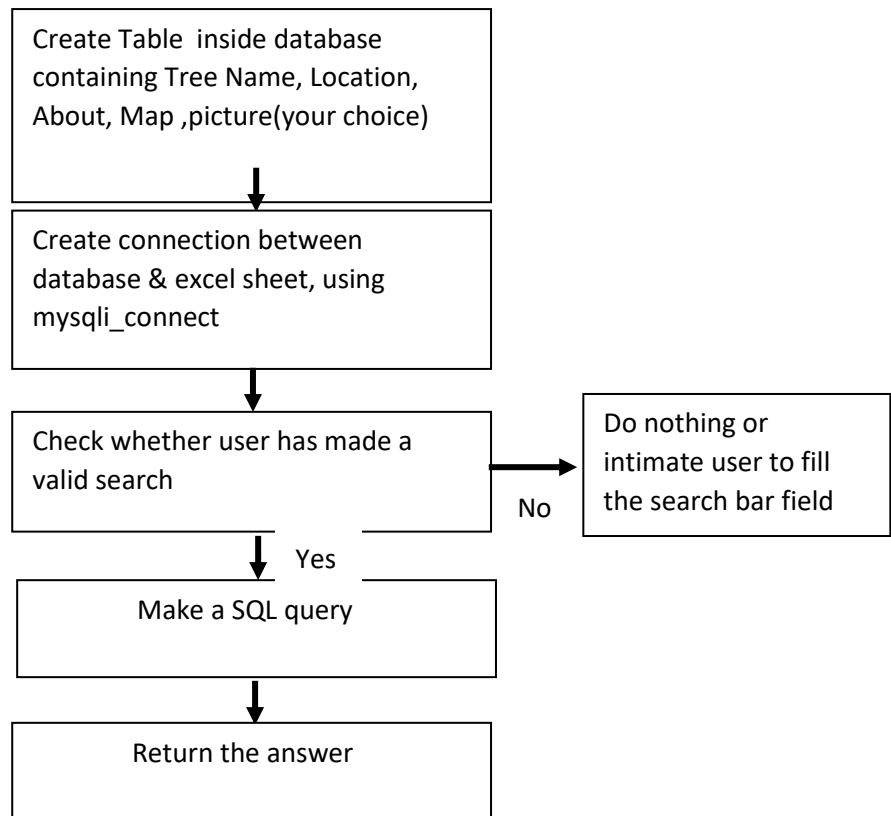
- The **method** attribute specifies the HTTP method to be used when submitting the form data.
- The form-data can be sent as URL variables (with **method="get"**) or as HTTP post transaction (with **method="post"**).

2.action

- The action attribute defines the action to be performed when the form is submitted.
- Usually, the form data is sent to a file on the server when the user clicks on the submit button.
- In the example below, the form data is sent to a file called **"import_file.php"**.

3.enctype :

- This attribute specifies how form-data should be encoded when submitting it to server.
- Note : enctype attribute can be only used only if method="post".



\$_FILES :

It is a global predefined variable which is an associative array containing items uploaded via HTTP_POST method form with enctype attribute set to multipart/form-data. `$_FILES['file']['name']` In place of 'file', it is the original name of the file to be uploaded.

fopen() :

- This function opens the file specified by filename and associates a stream with it.
- The mode variable \$file "r" is a character string specifying the type of access requested for the file.
- The mode variable contains a positional parameter followed by optional keyword parameters.

fgetcsv() :

- This function can parse a line from an open file and check for CSV fields.
- This function stops returning on a new line at a specified length or EOF, whichever comes first.
- This function returns CSV field in the array on success or false on failure and EOF.

```
$TreeName = $csv[0];
```

Assigns first column of the imported excel file in the variable \$TreeName.

mysqli_query() : function performs a query against a database. All the variables (eg. \$TreeName is inserted into

Before we can access data in the MySQL database, we need to be able to connect to the server:

```
<?php
$servername = "localhost";
$username = "username";
$password = "password";

// Create connection
$conn = mysqli_connect($servername, $username, $password);

// Check connection
if ($conn->connect_error) {
    die("Connection failed: " . $conn->connect_error);
}
echo "Connected successfully";
?>
```

There is some reference for search engine

<https://riyoalo.medium.com/building-a-custom-search-engine-using-php-and-mysql-b9265a1693b2#:~:text=Create%20Search%20Engine%20Form%20in%20HTML&text=action%3D%20%E2%80%9Csearch,the%20url%20for%20the%20user>

You can refer it to begin backend part.