CS486 Web Application development project
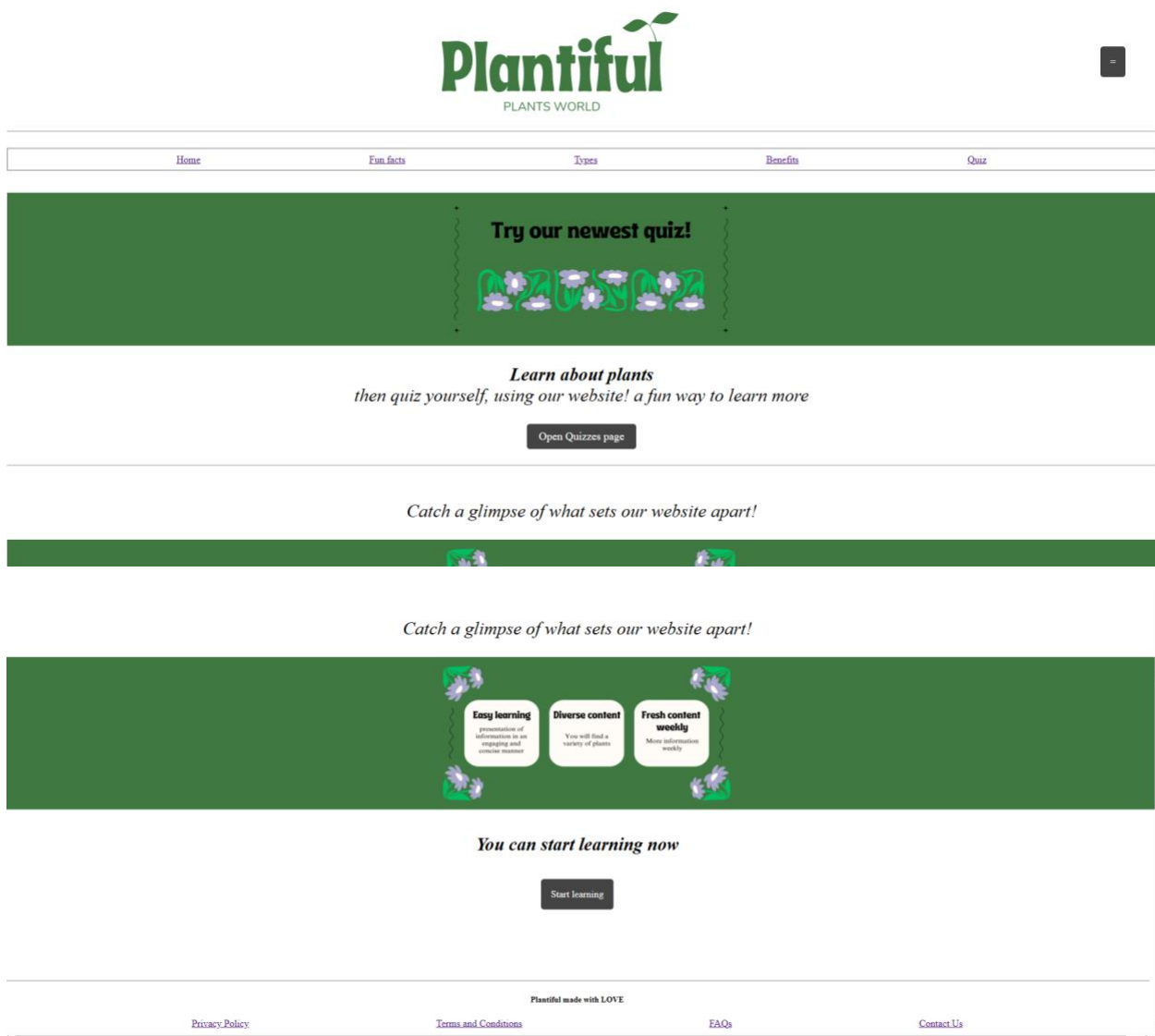# Plantiful

Section:6C4

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Plantiful
PLANTS WORLD

| Home | Fun facts | Types | Benefits | Quiz |

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Learn about plants
then quiz yourself, using our website! a fun way to learn more

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Catch a glimpse of what sets our website apart!

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presentation of information in an engaging and concise manner

Diverse content
You will find a variety of plants

Fresh content weekly
More information weekly

You can start learning now

Start learning

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==The code for the download button:==

```php
<?php
$file_path = 'C:\\xampp\htdocs\Project2\Funfacts.pdf';


if (file_exists($file_path)) {

    header('Content-Type: application/pdf');

    header('Content-Disposition: attachment; filename="' . basename($file_path) . '"');
```

```php
header('Content-Length: ' . filesize($file_path));


readfile($file_path);

exit;
} else {

echo 'File not found.';

}
?>
```

```php
<?php
$file_path = 'C:\xampp\htdocs\Project2\Types.pdf';
if (file_exists($file_path)) {
    header('Content-Type: application/pdf');
    header('Content-Disposition: attachment; filename="' . basename($file_path) . '"');
    header('Content-Length: ' . filesize($file_path));
    readfile($file_path);
    exit;
} else {
    echo 'File not found.'; }?>
```

Plants Benefits:

```php
<?php

$file_path = 'C:\\xampp\htdocs\Project2\Benefits of Plants.pdf';

if (file_exists($file_path)) {

    header('Content-Type: application/pdf');

    header('Content-Disposition: attachment; filename="' . basename($file_path) . '"');

    header('Content-Length: ' . filesize($file_path));

    readfile($file_path);

    exit;

} else {

    echo 'File not found.'; }?>
```

Plants Quiz:
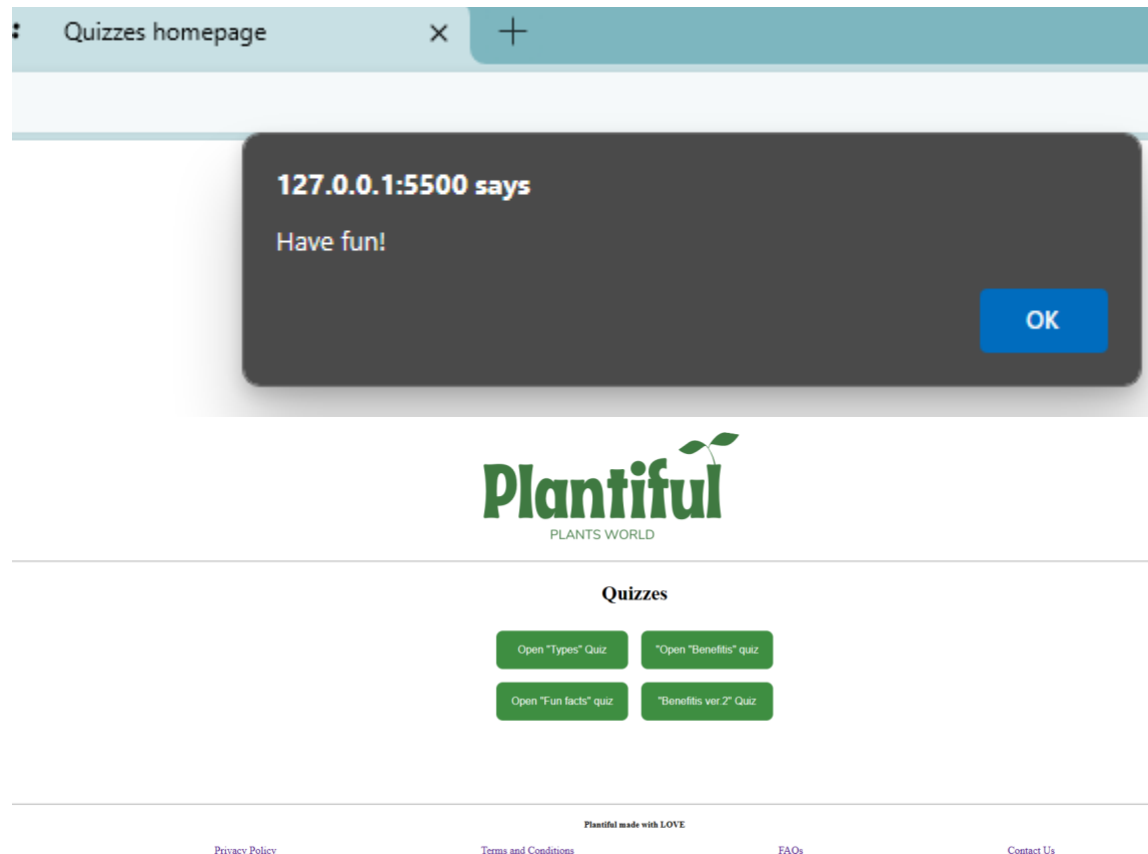
Types quiz

Question 1:

Which type of plant is characterized by a single main stem or trunk with branches extending from it?

○ Tree
◉ Shrub
○ Grass

Question 2:

What type of plant is shorter than trees and often used for landscaping, providing structure and color to gardens?

○ Shrub
◉ Vine
○ Fern

Question 3:

Which type of plant is commonly found in open habitats such as grasslands and lawns?

◉ Cactus
○ Grass
○ Palm

Question 4:

What type of plant has long, flexible stems that climb or trail along the ground or other structures for support?

○ Vine
◉ Herb
○ Succulent

Submit Answers

Your score is 0 out of 4. Results have been saved.

The code for the submit and database:

```php
<?php
$correct_answers = [
    'question1' => 'a',
    'question2' => 'a',
    'question3' => 'b',
    'question4' => 'a'  ];
$user_answers = [
    'question1' => $_POST['question1'] ?? null,
    'question2' => $_POST['question2'] ?? null,
    'question3' => $_POST['question3'] ?? null,
    'question4' => $_POST['question4'] ?? null];
$score = 0;
```
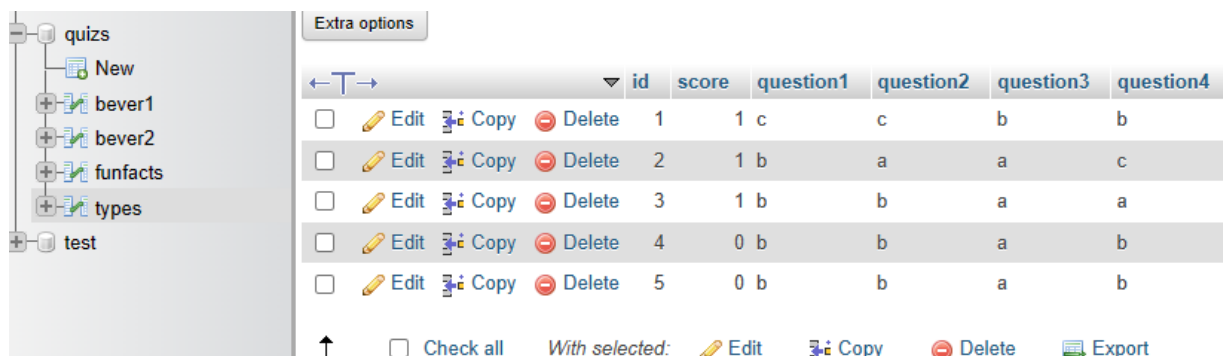
```php
foreach ($user_answers as $question => $answer) {

    if ($answer === $correct_answers[$question]) {

        $score++;}}

$servername = "localhost";

$username = "root";

$password = "";

$dbname = "quizs";

$conn = new mysqli($servername, $username, $password, $dbname);

if ($conn->connect_error) {

    die("Connection failed: " . $conn->connect_error);}

$sql = "INSERT INTO types (score, question1, question2, question3, question4)

    VALUES ('$score', '{$user_answers['question1']}', '{$user_answers['question2']}',
'{$user_answers['question3']}', '{$user_answers['question4']}')";

if ($conn->query($sql) === TRUE) {

    echo "Your score is $score out of 4. Results have been saved.";

} else {

    echo "Error: " . $sql . "<br>" . $conn->error;}

$conn->close();

?>
```

Example of the database for one of the quizzes:

			id	score	question1	question2	question3	question4
☐	Edit	Copy	Delete	1	1	c	c	b	b
☐	Edit	Copy	Delete	2	1	b	a	a	c
☐	Edit	Copy	Delete	3	1	b	b	a	a
☐	Edit	Copy	Delete	4	0	b	b	a	b
☐	Edit	Copy	Delete	5	0	b	b	a	b

Tree: quizs — New, bever1, bever2, funfacts, types; test

Extra options

Check all   With selected: Edit   Copy   Delete   Export