DOCUMENTATION

MenuController:

Contains a ***showMenu*** method for preparing and passing data to the view "***menu.blade.php***". A simulated dataset of menu items is used (representing a mock database). This design helps separate business logic from presentation logic.

```php
app > Http > Controllers > 🐘 MenuController.php
1    <?php
2
3    namespace App\Http\Controllers;
4
5    use Illuminate\Http\Request;
6
7    class MenuController extends Controller
8    {
```

The route ***/menu/{username}*** takes a dynamic parameter ***({username}).*** In the MenuController, this username parameter is used as part of the data passed to the view. This approach personalizes the menu page, the user can customize the display based on their identity.

Route Declaration:

The web.php file maps the ***/menu/{username}*** URL to the ***showMenu*** method of the MenuController. The ***Route::get*** method is used to define this route as responding to HTTP GET requests. Accessing ***/menu/Jethro*** triggers the ***showMenu*** method with "Jethro" as the username.

```php
Route::get(uri: '/menu/{username}', action: [MenuController::class, 'showMenu'])->name(name: 'menu');
```

Webpage Views:

This shows that if the for-loop value is 3, only 3 menu items will be displayed.

```
$limitedItems = [];
for ($i = 0; $i < min(value: count(value: $menuItems), values: 3); $i++) {
    $limitedItems[] = $menuItems[$i];
}
```