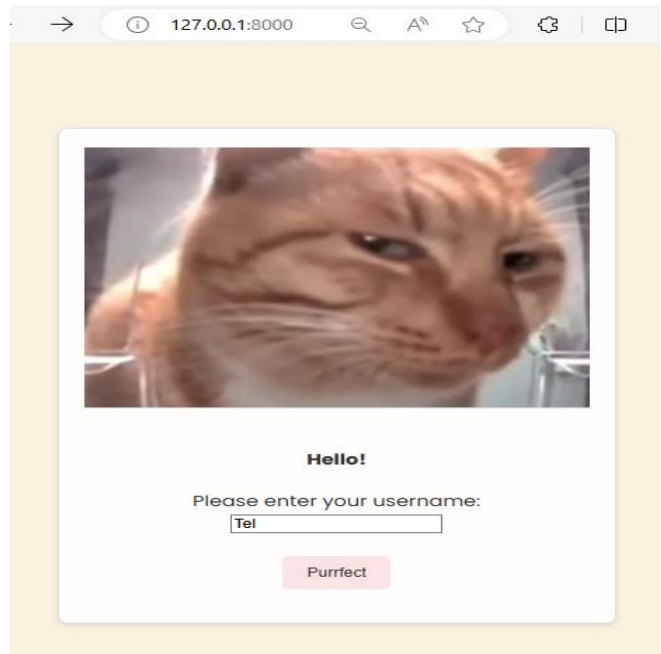
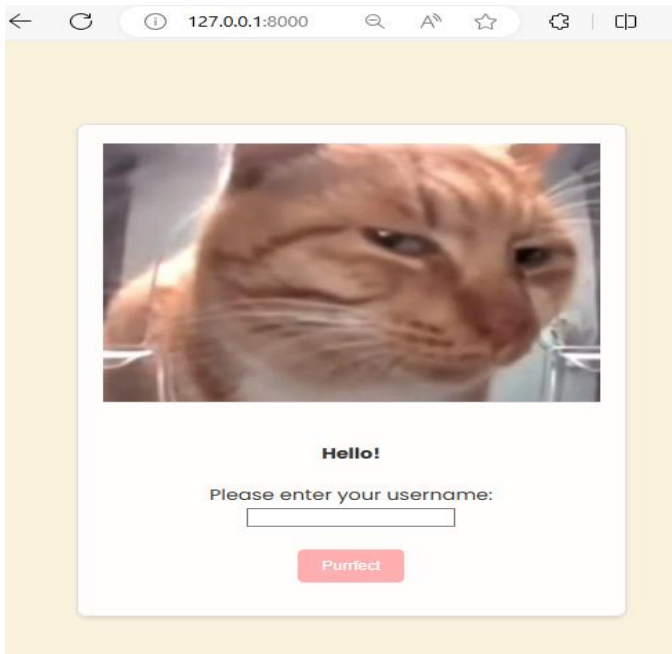


IT ELECT 1 WEB DEVELOPMENT

DOCUMENTATIONROUTE

```
// Login route - appears first
Route::get('/', function () {
    return view('login');
})->name('login');
```

- The route listens for GET request to the root URL (/). It returns the log in view, reminding the log in page. Also, the route name login it allowing the user to reference it in other parts of the application using this name.



- When you go to /home, it checks for a username in the session. If there isn't one, it uses "Guest". It shows the home page with that username.
- Like in the home route it checks for a username and show the about page with it
- It does the same as the home and about page, when you go to /content it also checks the username and display the cat breeds page with the username.
- Also, when you go to /contact, it checks for a username and displays the contact page

```
// Home route
Route::get('/home', function () {
    $username = session('username', 'Guest');
    return view('home', ['username' => $username]);
})->name('home');
```

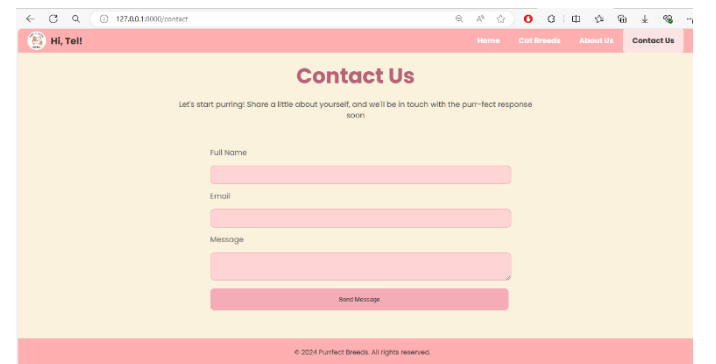
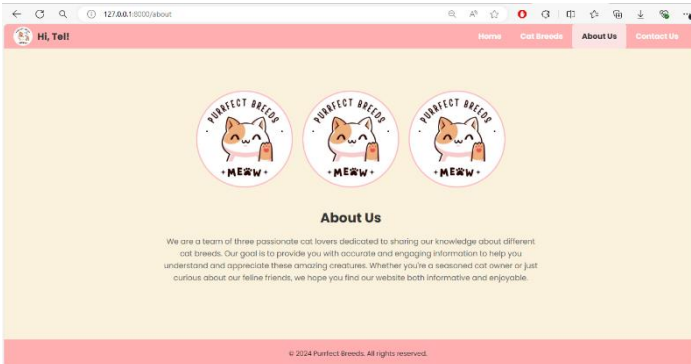
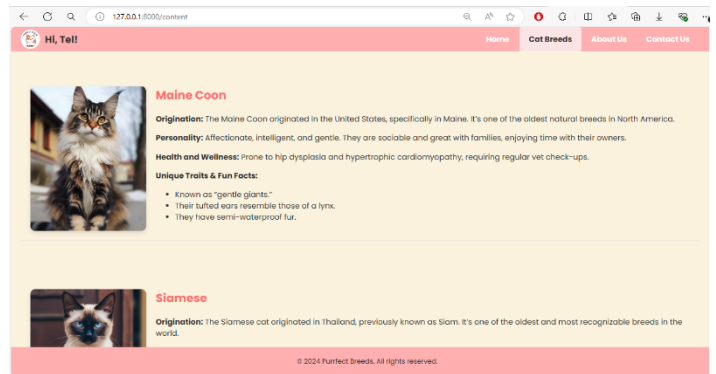
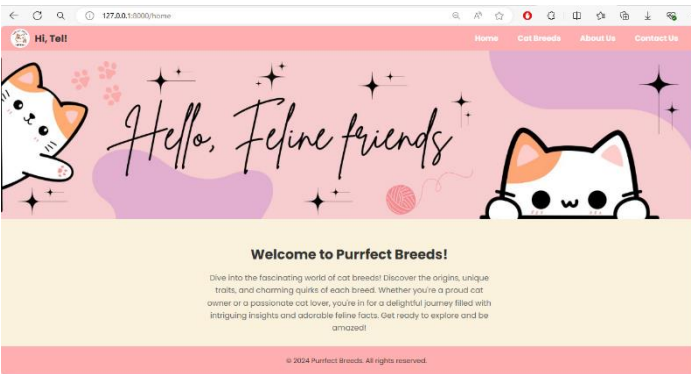
```
// About page route
Route::get('/about', function () {
    $username = session('username', 'Guest');
    return view('about', ['username' => $username]);
})->name('about');
```

```
// (content)Cat Breeds page route
Route::get('/content', function () {
    $username = session('username', 'Guest');
    return view('content', ['username' => $username]);
})->name('content');
```

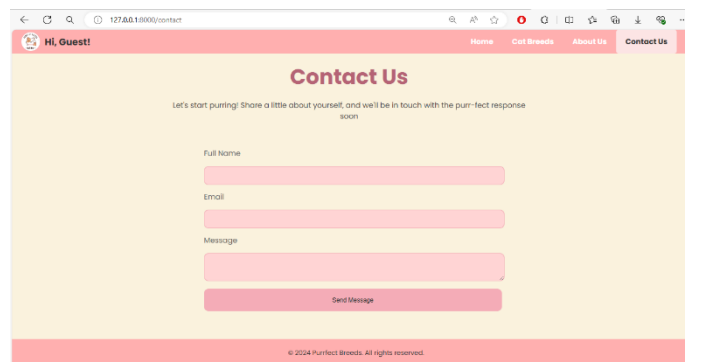
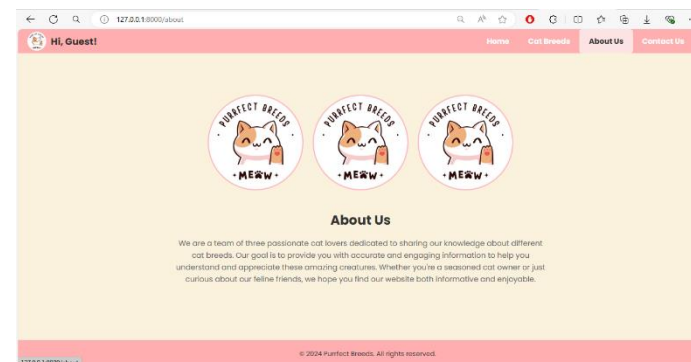
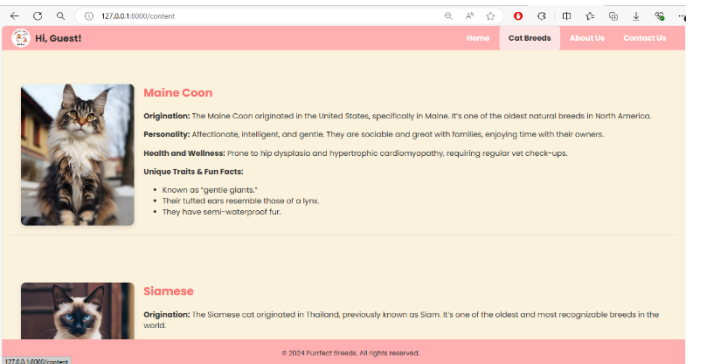
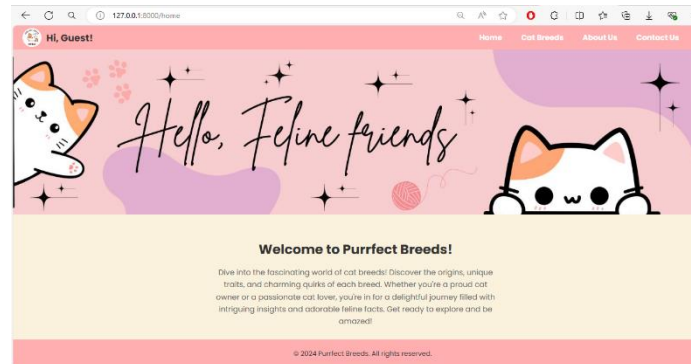
```
// Contact Us page route
Route::get('/contact', function () {
    $username = session('username', 'Guest');
    return view('contact', ['username' => $username]);
})->name('contact');
```

- In summary, when a user visits the main URL, they see the log in page. For the home, about, cat breeds (content), and contact pages, the code checks if a username stored in the session; if not, it uses “Guest” as a default. Then it shows the respective pages with the username displayed.

With username:



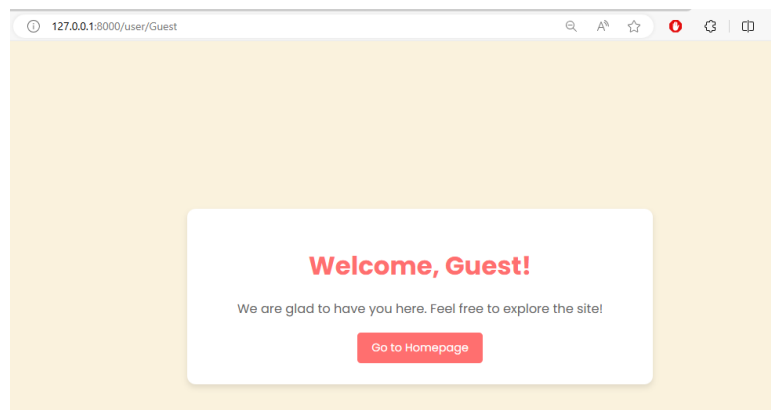
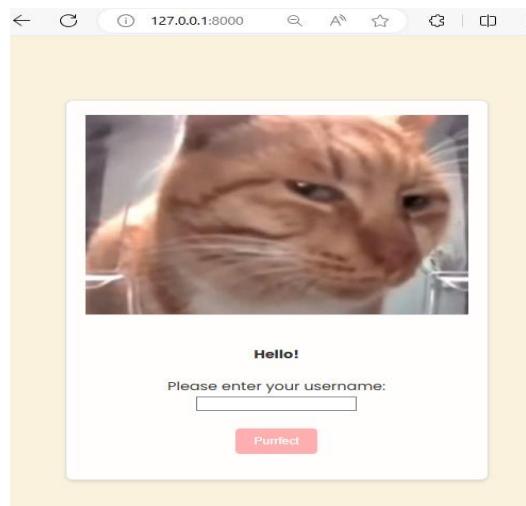
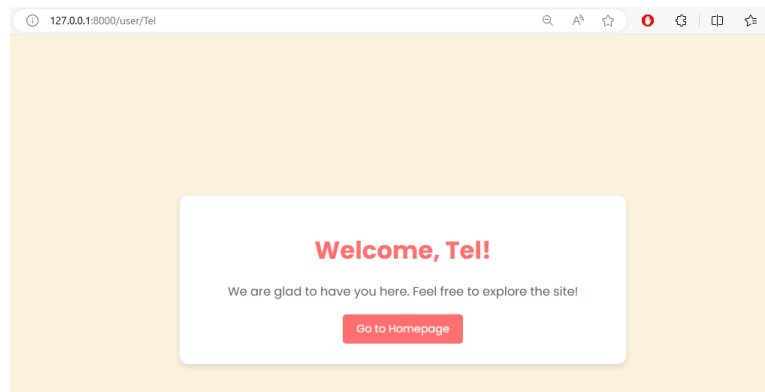
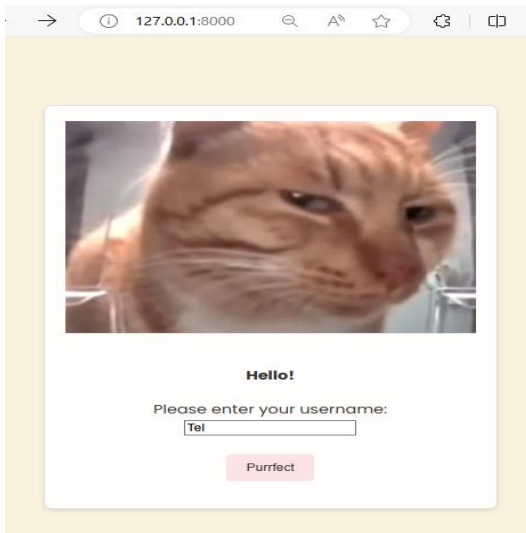
Without username (“Guest”):



USER ROUTE (QUERY PARAMETERS):

```
// Route to handle the username and redirect to the user page(which is the welcome message)
Route::get('/user', function (Request $request) {
    $username = $request->query('username', 'Guest');
    session(['username' => $username]);
    return redirect()->route('user.show', ['username' => $username]);
})->name('user');
```

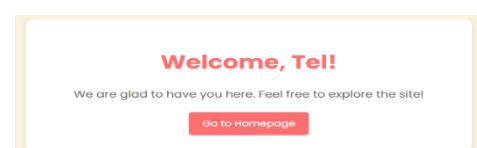
- This route handles /user and checks if there is a “username” in query parameter (like /user?username=Tel). If no username provided, it defaults to “Guest”. It saves the username in the session to keep track of it while the user navigates the site, after that it redirects the user to another route named user.show (welcome message), passing the username along. This process allows the application to capture and store the username and then use it on another page.



USER ROUTE PARAMETERS:

```
Route::get('/user/{username}', function ($username) {
    session(['username' => $username]);
    return view('user', ['username' => $username]);
})->where('username', '[A-Za-z]+')->name('user.show');
```

- This route handles request to the URL /user/{username} in a laravel application, where { username} is a place holder for any text -based username provided by the user (like /user/Tel). When someone visits this URL, the route takes the provided username and stores it in the session for use throughout the user's session on the site. Then, it returns the user view, displaying the page with the given username.



- The where ('username', '[A-Za-z]+') part ensures that only alphabetic characters (both uppercase and lowercase) are allowed in the username. This route is named user.show, making it easy to reference elsewhere in the application.



LOGIN FORM:

- The login form lets users type their username into a text box. It has a note that it should only contain letters (a-z, A-Z).

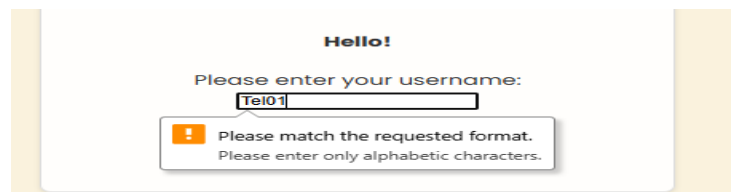


```
<body>

<div class="card">
  
  <div class="card-body">
    <div class="center">
      <h4 class="card-title">Hello!</h4>
      <form action="{{ url('/user') }}" method="GET">
        <label for="UN">Please enter your username:</label>
        <input type="text" id="username" name="username" value="{{ request('username') }}"
          pattern="[a-zA-Z]+" title="Please enter only alphabetic characters.">
        <br><br>
        <button type="submit" class="btn-primary">Purrfect</button>
      </form>
    </div>
  </div>
</div>

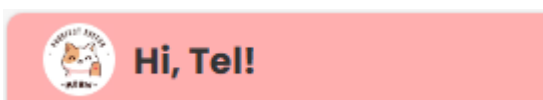
</body>
</html>
```

- When the form is submitted, it sends the username to the /user URL. The input field only accepts letters and will show an error if the user types any invalid characters.
- If the user has already entered a username, it will automatically appear in the field. The form also includes a button for submitting it (Purrfect).



HOME NAVIGATION:

- The line `Hi, {{ $username }}` shows a greeting message that says "Hi" followed by the user's name. The actual username is inserted into the message dynamically when the page loads, personalizing the greeting for each user.



```
<nav>

  <div class="logo-container" style="display: flex; align-items: center;">
    <a href="index.html" class="logo">
      
    </a>
    <span class="logo-text">Hi, {{ $username }}!</span>
  </div>

  <div class="nav-links">
    <a href="http://127.0.0.1:8000/home">Home</a>
    <a href="http://127.0.0.1:8000/content">Cat Breeds</a>
    <a href="http://127.0.0.1:8000/about">About Us</a>
    <a href="http://127.0.0.1:8000/contact">Contact Us</a>
  </div>
</nav>
```

SOURCE CODE (Contact Us form):

```
<body>
  <nav>
    <div class="logo-container" style="display: flex; align-items: center;">
      <a href="index.html" class="logo">
        
      </a>
      <span class="logo-text">Hi, {{ $username }}!</span>
    </div>

    <div class="nav-links">
      <a href="http://127.0.0.1:8000/home">Home</a>
      <a href="http://127.0.0.1:8000/content">Cat Breeds</a>
      <a href="http://127.0.0.1:8000/about">About Us</a>
      <a href="http://127.0.0.1:8000/contact">Contact Us</a>
    </div>
  </nav>

  <section class="contact">
    <div class="content">
      <h2 style="margin-top: -3cm;">Contact Us</h2>
      <p style="color:rgb(76, 75, 75);margin-top:-20px;"> Let's start purring! Share a little about yourself,
    </div>
    <div class="container">
      <div class="contactForm">
        <form id="contactForm">
          <div class="inputBox">
            <span style="margin-top: -15px;">Full Name</span>
            <input type="text" name="fullName" required>
          </div>
          <div class="inputBox">
            <span style="margin-top: -15px;">Email</span>
            <input type="email" name="email" required>
          </div>
          <div class="inputBox">
            <span style="margin-top: -15px;">Message</span>
            <textarea name="message" required></textarea>
          </div>
          <div class="inputBox_submit">
            <input type="submit" value="Send Message">
          </div>
          <div id="responseMessage">Message sent!</div>
        </form>
      </div>
    </div>
  </section>
```

- The code creates a webpage featuring a navigation bar with links to various pages such as "Home," "About," and "Contact," using Laravel routes for easy navigation. It also includes a contact form where users can enter their information. After submitting the form, a "Message sent!" notification briefly appears to confirm the submission and then automatically disappears after three seconds.

