

# **LAPORAN LIVE CODING APLIKASI WEB EcoMarine Solutions**

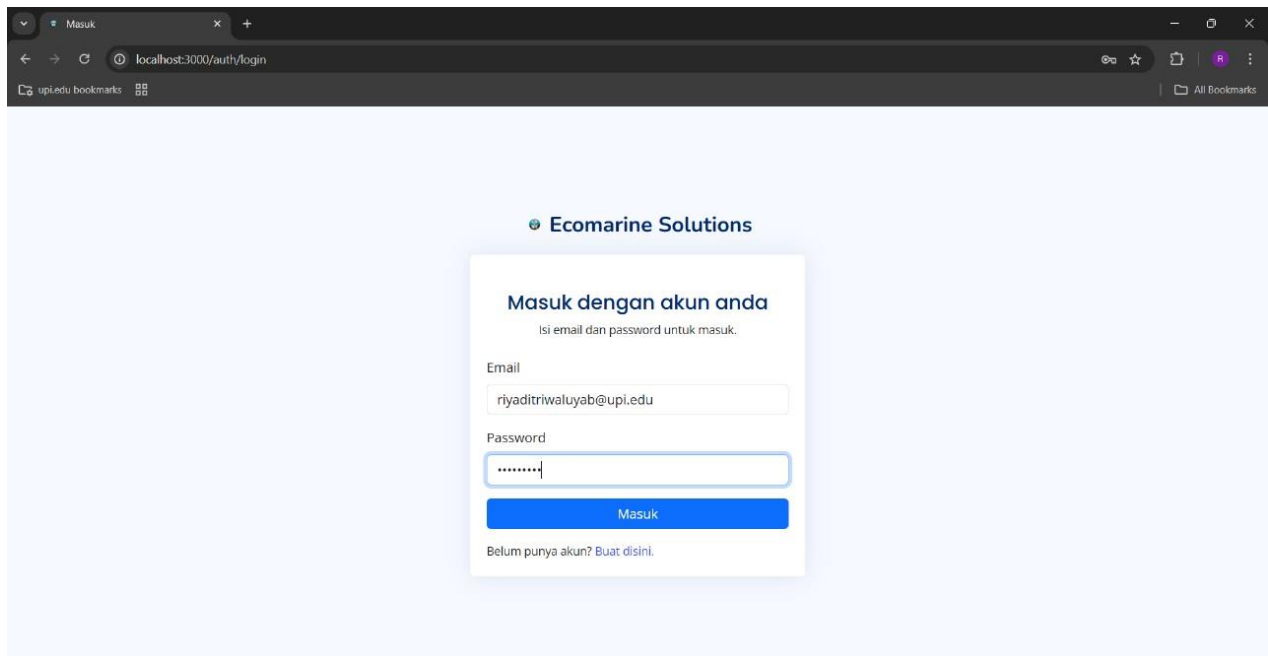


**RIYADI TRI WALUYA BUDI**

**2308065**

**SIK A3**

## 1. Tampilan Login



The screenshot shows a web browser window with the address bar displaying "localhost:3000/auth/login". The page features the "Ecomarine Solutions" logo at the top. Below the logo, the heading "Masuk dengan akun anda" is followed by the instruction "Isi email dan password untuk masuk.". The form includes an "Email" field with the text "riyaditriwaluyab@upi.edu" and a "Password" field with masked characters ".....". A blue "Masuk" button is positioned below the password field. At the bottom of the form, a link reads "Belum punya akun? Buat disini."

**Ecomarine Solutions**

**Masuk dengan akun anda**  
Isi email dan password untuk masuk.

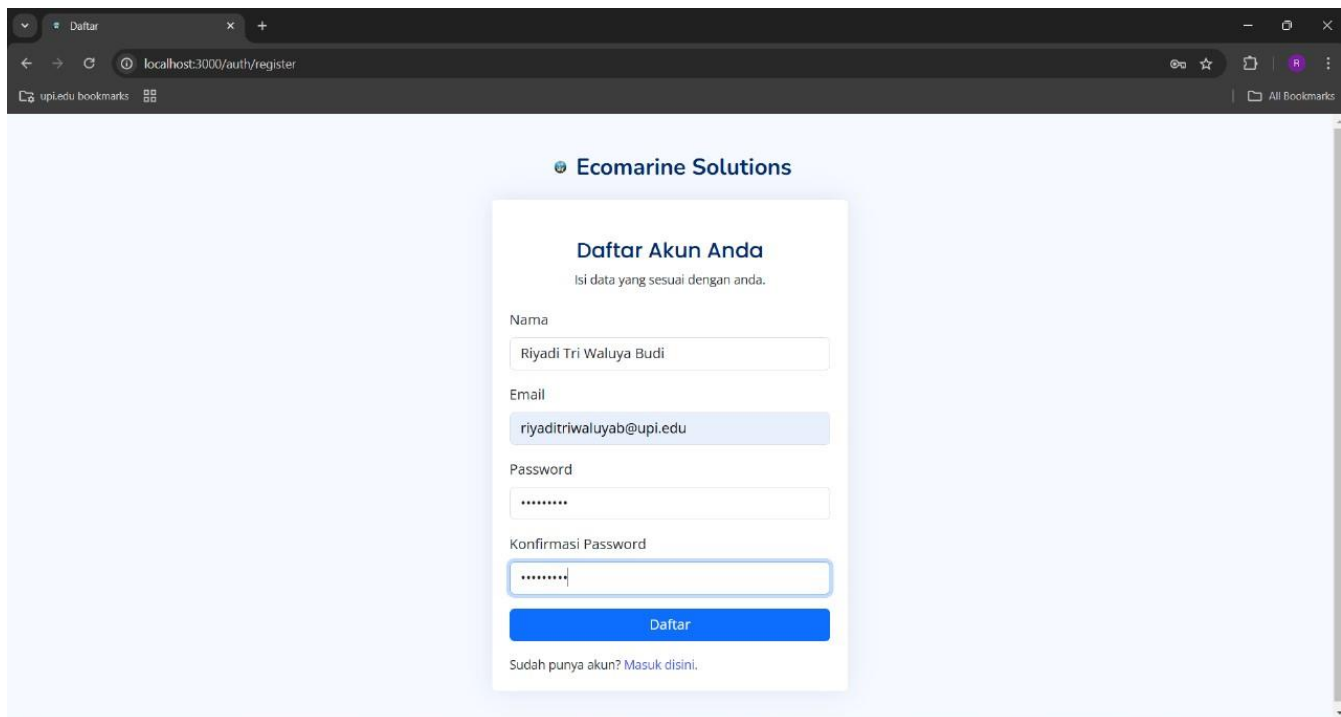
Email  
riyaditriwaluyab@upi.edu

Password  
.....

Masuk

Belum punya akun? Buat disini.

## 2. Tampilan Register



The screenshot shows a web browser window with the address bar displaying "localhost:3000/auth/register". The page features the "Ecomarine Solutions" logo at the top. Below the logo, the heading "Daftar Akun Anda" is followed by the instruction "Isi data yang sesuai dengan anda.". The form includes a "Nama" field with the text "Riyadi Tri Waluya Budi", an "Email" field with the text "riyaditriwaluyab@upi.edu", a "Password" field with masked characters ".....", and a "Konfirmasi Password" field with masked characters ".....". A blue "Daftar" button is positioned below the confirmation password field. At the bottom of the form, a link reads "Sudah punya akun? Masuk disini."

**Ecomarine Solutions**

**Daftar Akun Anda**  
Isi data yang sesuai dengan anda.

Nama  
Riyadi Tri Waluya Budi

Email  
riyaditriwaluyab@upi.edu

Password  
.....

Konfirmasi Password  
.....

Daftar

Sudah punya akun? Masuk disini.

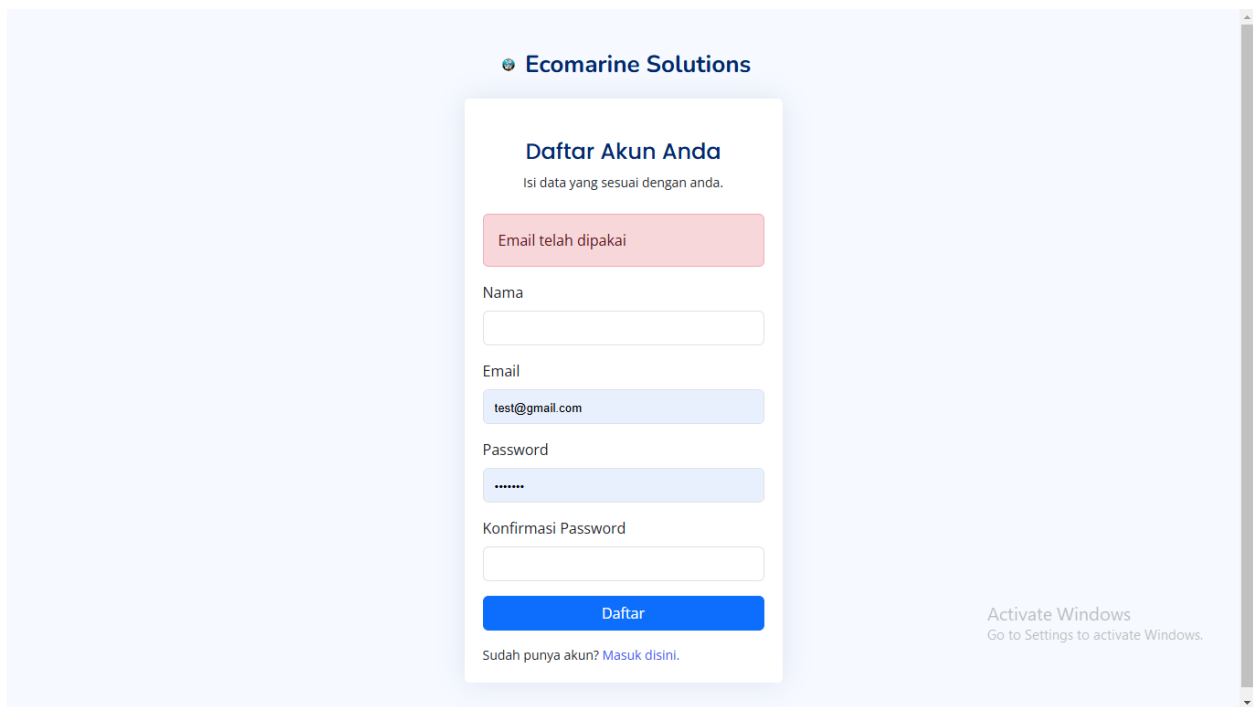
### 3. Register dengan validasi email jika salah

The screenshot shows the 'Daftar Akun Anda' (Register Your Account) page for Ecomarine Solutions. The page has a light blue background. At the top, the Ecomarine Solutions logo is displayed. Below the logo, the title 'Daftar Akun Anda' is followed by the instruction 'Isi data yang sesuai dengan anda.' (Fill in the data that matches you). A red error message box at the top of the form states 'Format email tidak sesuai!' (Email format is not suitable!). The form contains four input fields: 'Nama' (Name), 'Email' (containing 'test@gmail.com'), 'Password' (masked with dots), and 'Konfirmasi Password' (empty). A blue 'Daftar' (Register) button is at the bottom of the form. Below the button, there is a link: 'Sudah punya akun? [Masuk disini.](#)' (Already have an account? [Login here.](#)). On the right side of the page, there is a Windows watermark that says 'Activate Windows Go to Settings to activate Windows.'

### 4. Register dengan validasi konfirmasi password jika salah

This screenshot shows the same 'Daftar Akun Anda' (Register Your Account) page for Ecomarine Solutions. The layout is identical to the previous one, but the error message in the red box now says 'Konfirmasi password tidak sama' (Password confirmation is not the same). This indicates that the email format is valid, but the password and its confirmation do not match. The 'Email' field still contains 'test@gmail.com', and the 'Password' and 'Konfirmasi Password' fields are both masked with dots. The 'Daftar' button and the login link remain the same.

## 5. Validasi jika email telah dipakai



**Ecomarine Solutions**

### Daftar Akun Anda

Isi data yang sesuai dengan anda.

Email telah dipakai

Nama

Email

Password

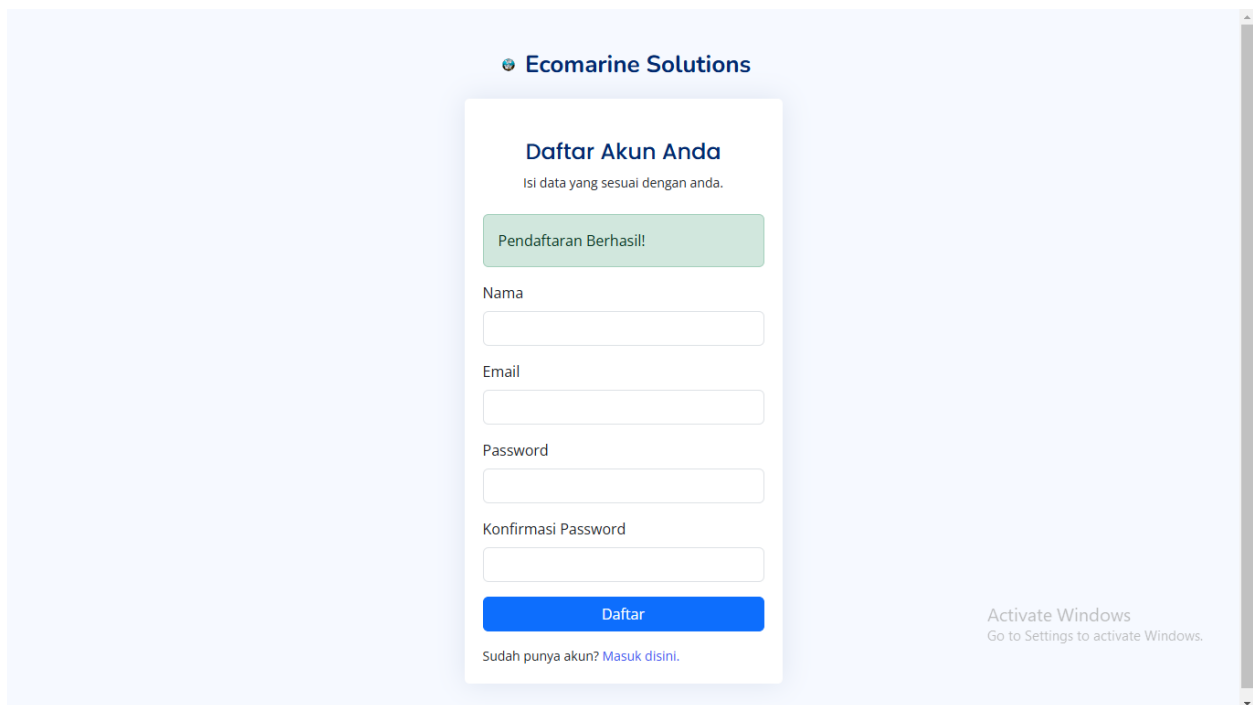
Konfirmasi Password

**Daftar**

Sudah punya akun? [Masuk disini.](#)

Activate Windows  
Go to Settings to activate Windows.

## 6. Tampilan jika registrasi berhasil



**Ecomarine Solutions**

### Daftar Akun Anda

Isi data yang sesuai dengan anda.

Pendaftaran Berhasil!

Nama

Email

Password

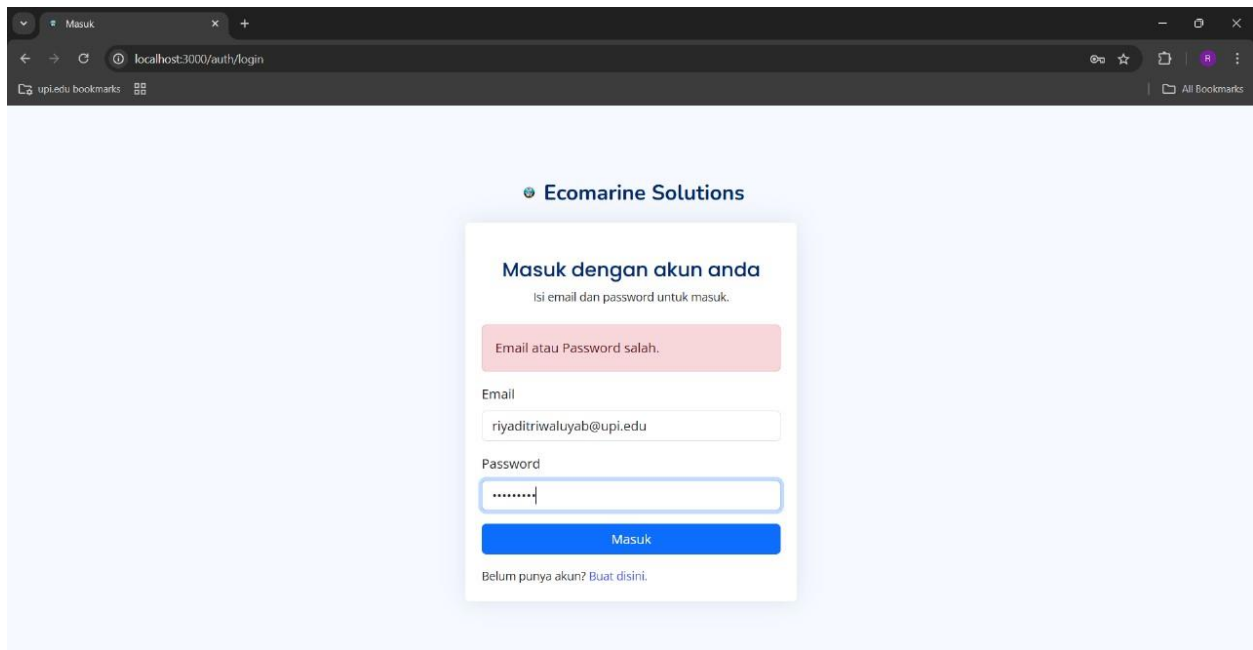
Konfirmasi Password

**Daftar**

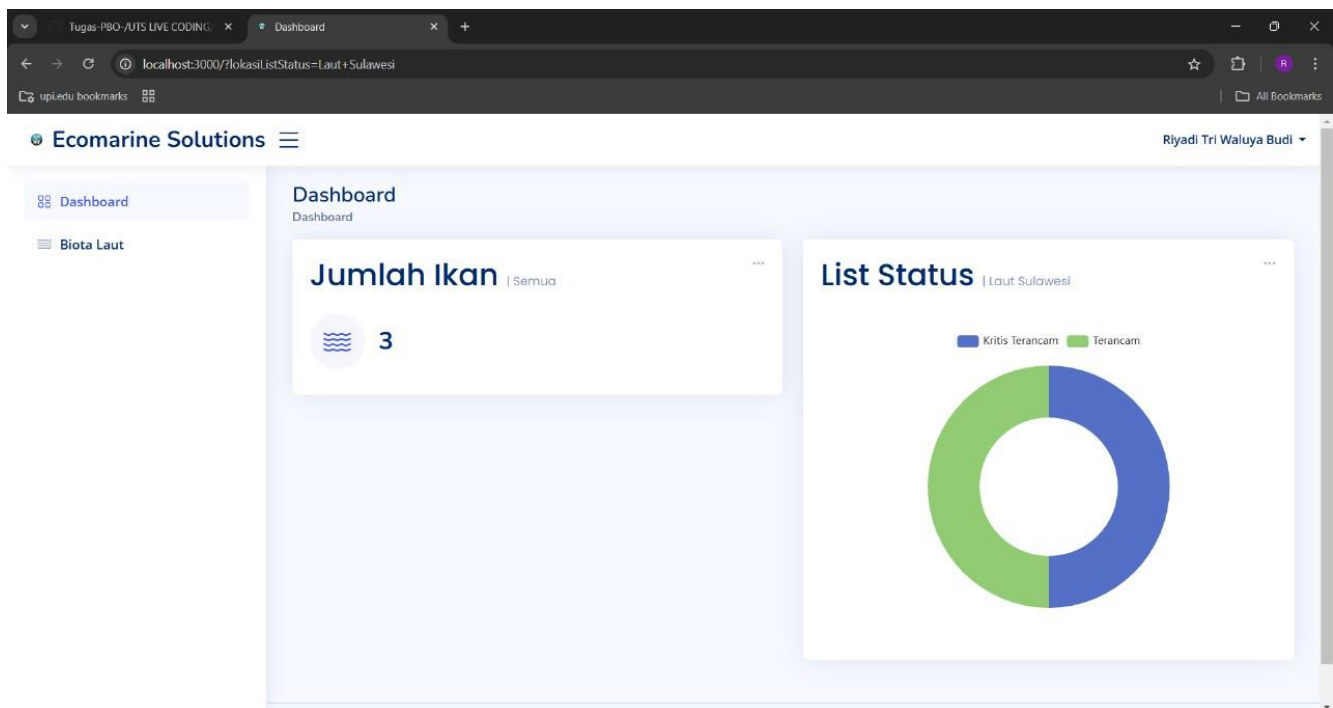
Sudah punya akun? [Masuk disini.](#)

Activate Windows  
Go to Settings to activate Windows.

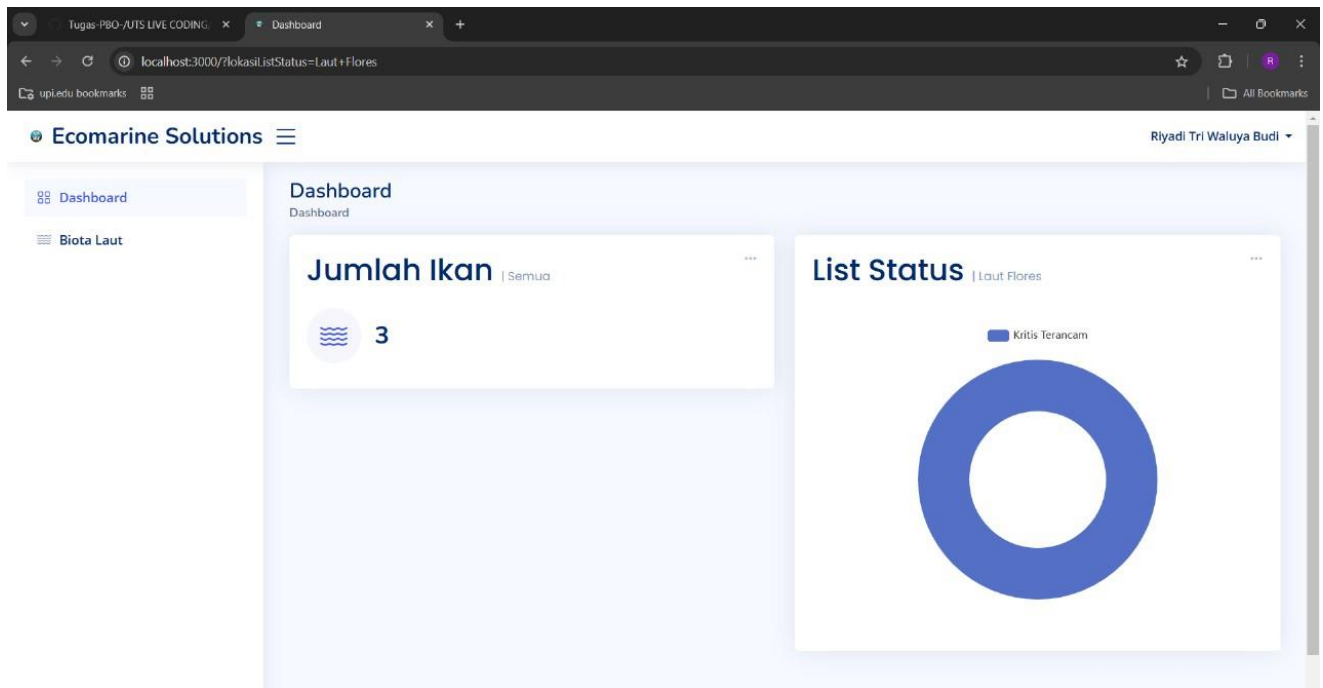
## 7. Login jika password salah



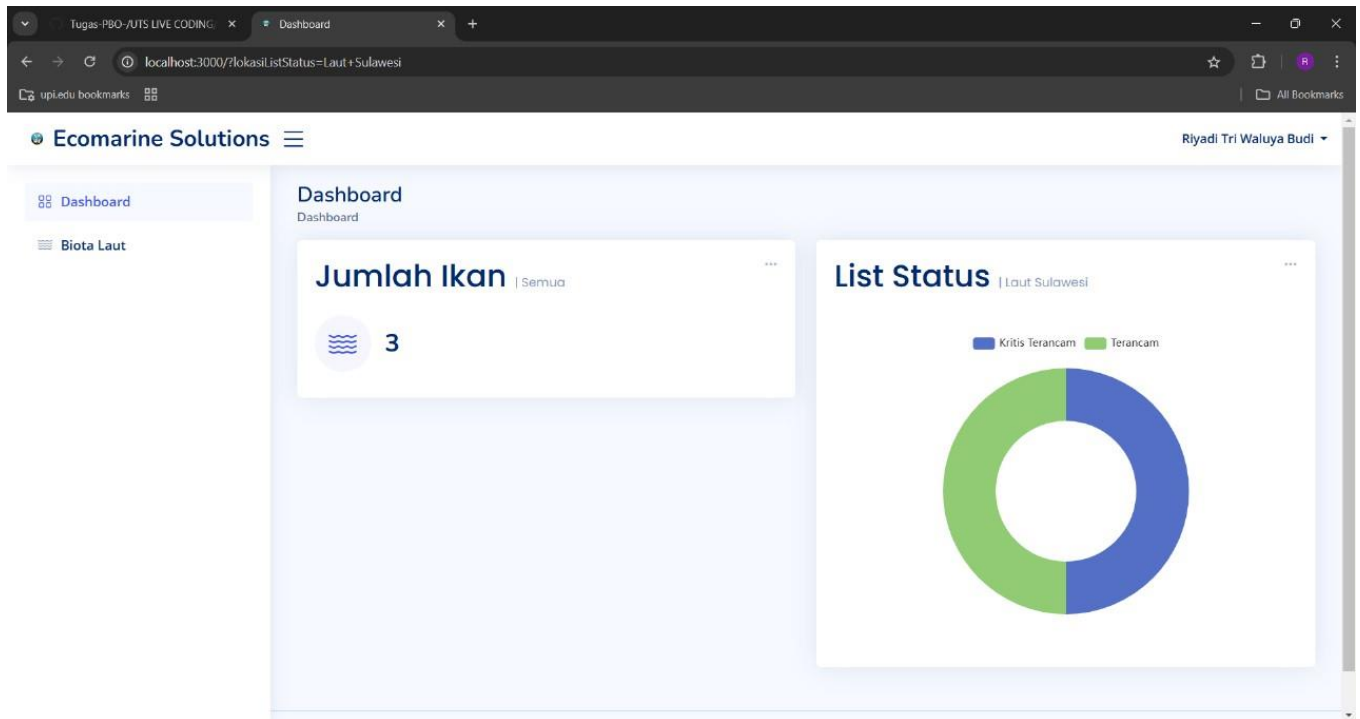
## 8. Dashboard dengan statistic jumlah ikan dan status Laut Sulawesi



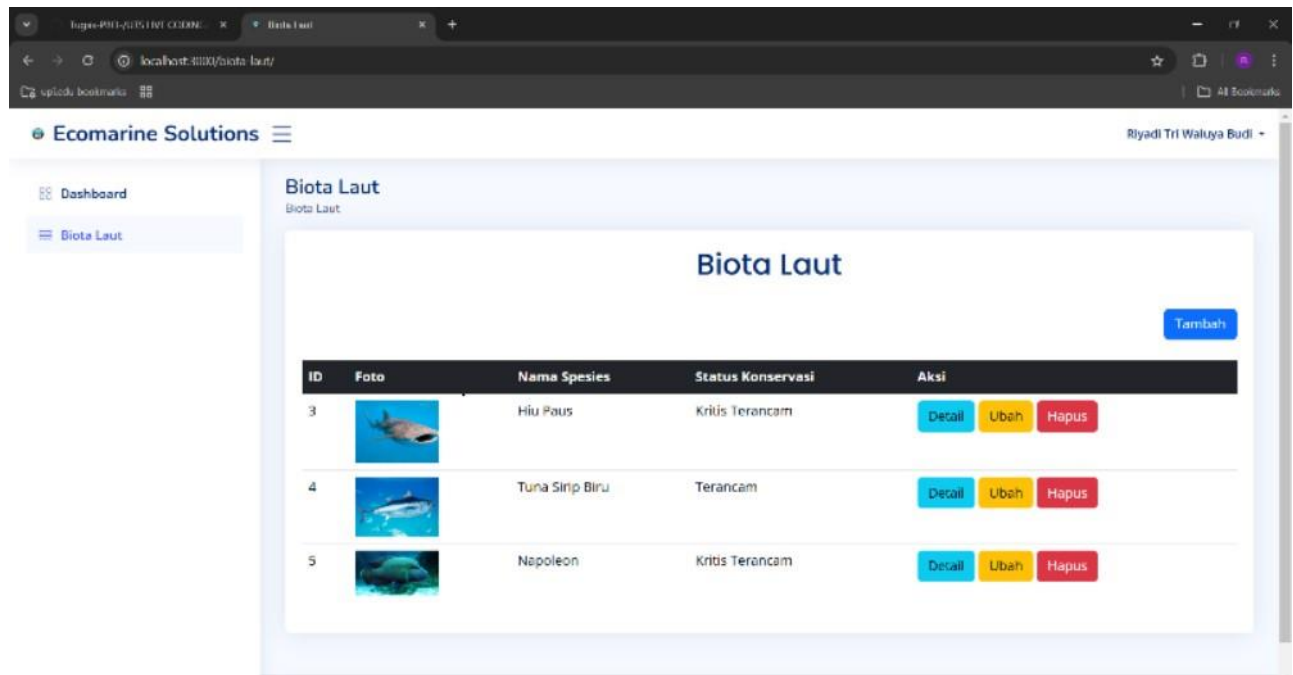
## 9. Filter pada halaman utama untuk lokasi dan status Laut Flores



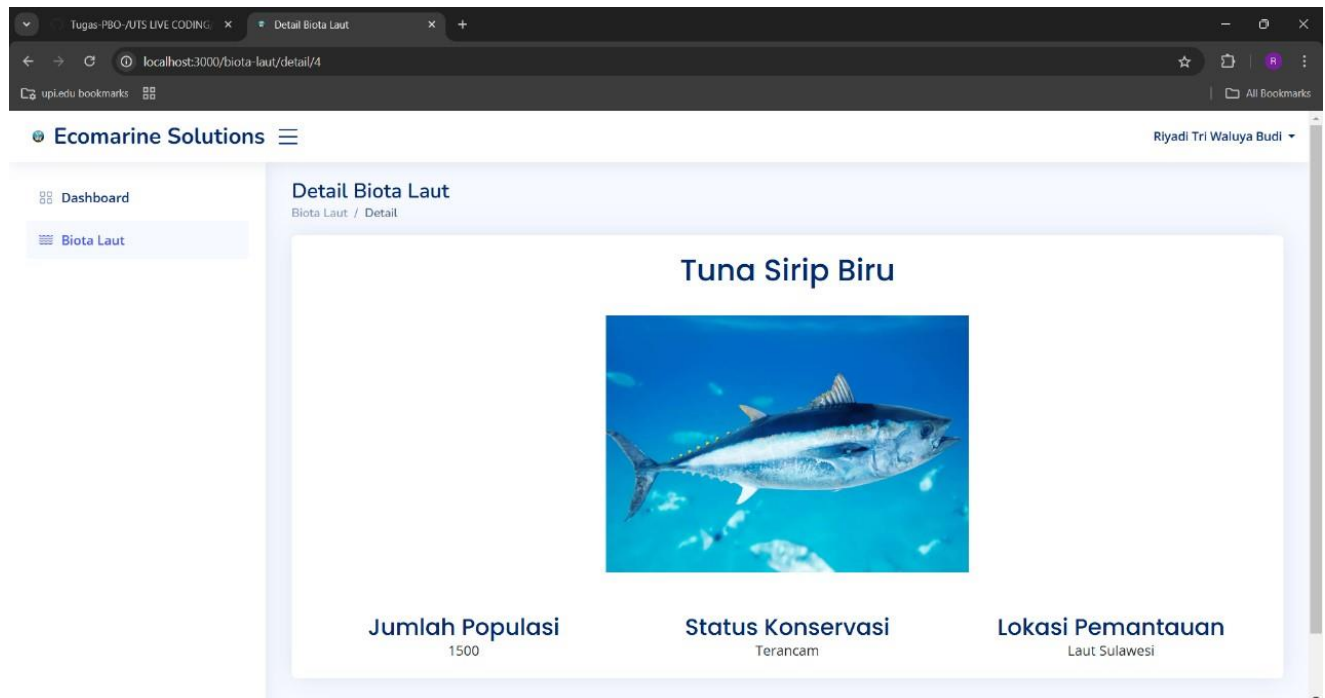
## 10. Filter pada halaman utama untuk Lokasi dan status Semua



## 11. Halaman Index untuk melihat seluruh biota laut



## 12. Halaman Detail untuk melihat biota laut dipilih



### 13. Halaman tambah untuk menambah biota laut

The screenshot shows a web browser window with the URL `localhost:3000/biota-laut/tambah`. The page title is "Tambah Biota Laut" and the breadcrumb is "Biota Laut / Tambah". The form contains the following fields:

- Foto:** A file upload field with a "Choose File" button and the text "No file chosen".
- Nama Spesies:** A text input field.
- Jumlah Populasi:** A text input field.
- Status Konservasi:** A dropdown menu with the selected option "Tidak Terancam".
- Lokasi Pemantauan:** A text input field.

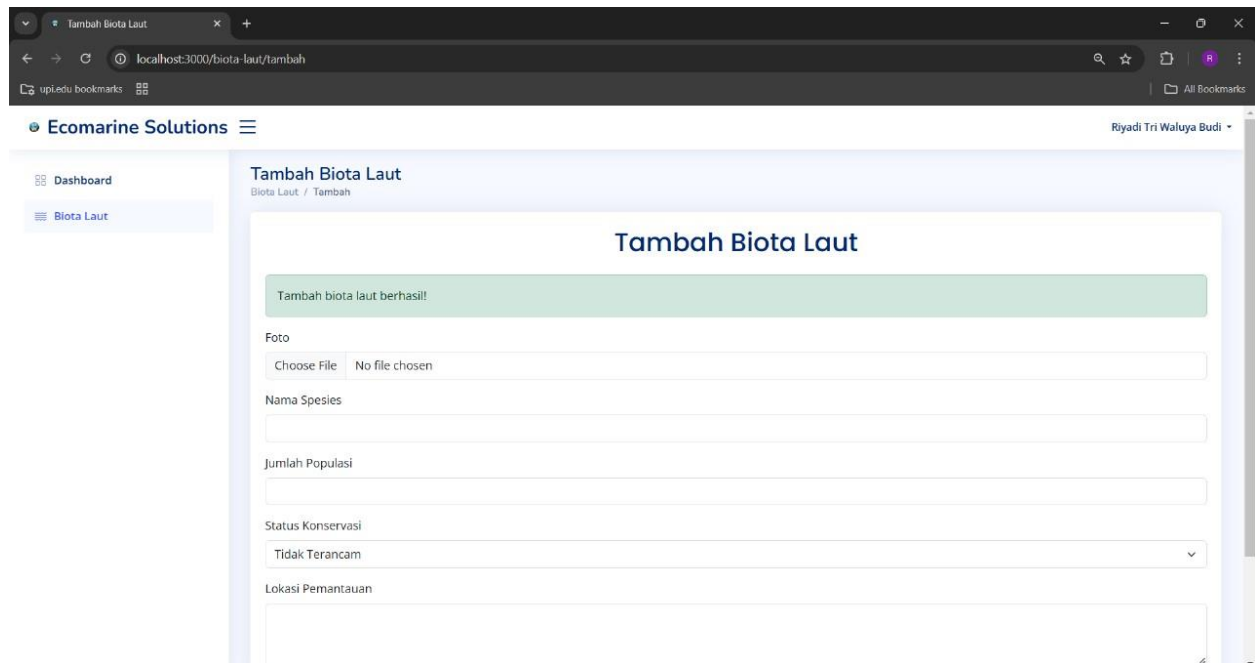
At the bottom right of the form are two buttons: "Submit" (blue) and "Reset" (grey). The left sidebar shows a "Dashboard" link and a "Biota Laut" link. The top right corner displays the user name "Riyadi Tri Waluya Budi".

### 14. Validasi jika populasi bukan angka bilangan bulat

This screenshot shows the same "Tambah Biota Laut" form, but with a validation error. A red message box at the top of the form area displays the text: "jumlah populasi harus angka bulat". The form fields and layout are identical to the previous screenshot, including the "Submit" and "Reset" buttons and the sidebar navigation.



## 15. Halaman jika berhasil menambah data biota laut



The screenshot shows a web browser window with the address bar displaying 'localhost:3000/biota-laut/tambah'. The page title is 'Tambah Biota Laut' and the breadcrumb is 'Biota Laut / Tambah'. A green success message states 'Tambah biota laut berhasil!'. The form contains the following fields:

- Foto: Choose File (No file chosen)
- Nama Spesies: (empty)
- Jumlah Populasi: (empty)
- Status Konservasi: Tidak Terancam (dropdown menu)
- Lokasi Pemantauan: (empty)

## 16. Halaman Ubah Biota Laut



The screenshot shows the 'Ubah Biota Laut' page with the breadcrumb 'Biota Laut / Ubah'. The form contains the following fields:

- Foto: Pilih File (Tidak ada file yang dipilih). Below the field, it says 'Upload foto jika ingin mengubah fotonya.'
- Nama Spesies: Pesut
- Jumlah Populasi: 100
- Status Konservasi: Kritis Terancam (dropdown menu)
- Lokasi Pemantauan: Mahakam

At the bottom of the form are two buttons: 'Submit' and 'Reset'. An 'Activate Windows' watermark is visible in the bottom right corner.

## 17. Validasi jika populasi bukan angka





The screenshot shows the 'Ubah Biota Laut' (Edit Marine Biota) form. A red error message at the top states: 'Jumlah populasi harus angka bulat' (Population must be a whole number). The form fields are as follows:

- Foto:** A file upload area with the text 'Tidak ada file yang dipilih' (No file selected) and a prompt to 'Upload foto jika ingin mengubah fotonya' (Upload photo if you want to change the photo).
- Nama Spesies:** A text input field containing 'Pesut'.
- Jumlah Populasi:** A text input field containing '100'.
- Status Konservasi:** A dropdown menu with 'Kritis Terancam' selected.
- Lokasi Pemantauan:** A text input field containing 'Mahakam'.

An 'Activate Windows' watermark is visible in the bottom right corner of the form area.

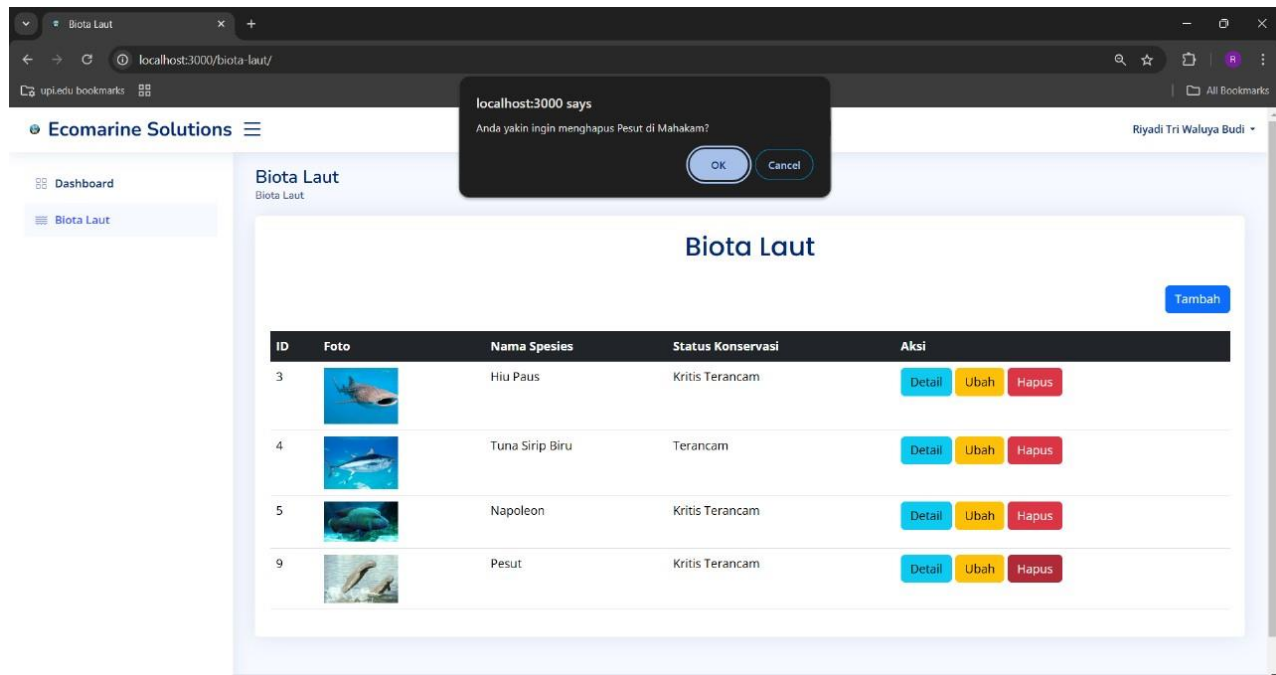
## 18. Halaman jika berhasil mengubah data biota laut

The screenshot shows the 'Biota Laut' (Marine Biota) list page. The browser address bar shows 'localhost:3000/biota-laut/'. The page header includes 'Ecomarine Solutions' and the user name 'Riyadi Tri Waluya Budi'. The table lists the following data:

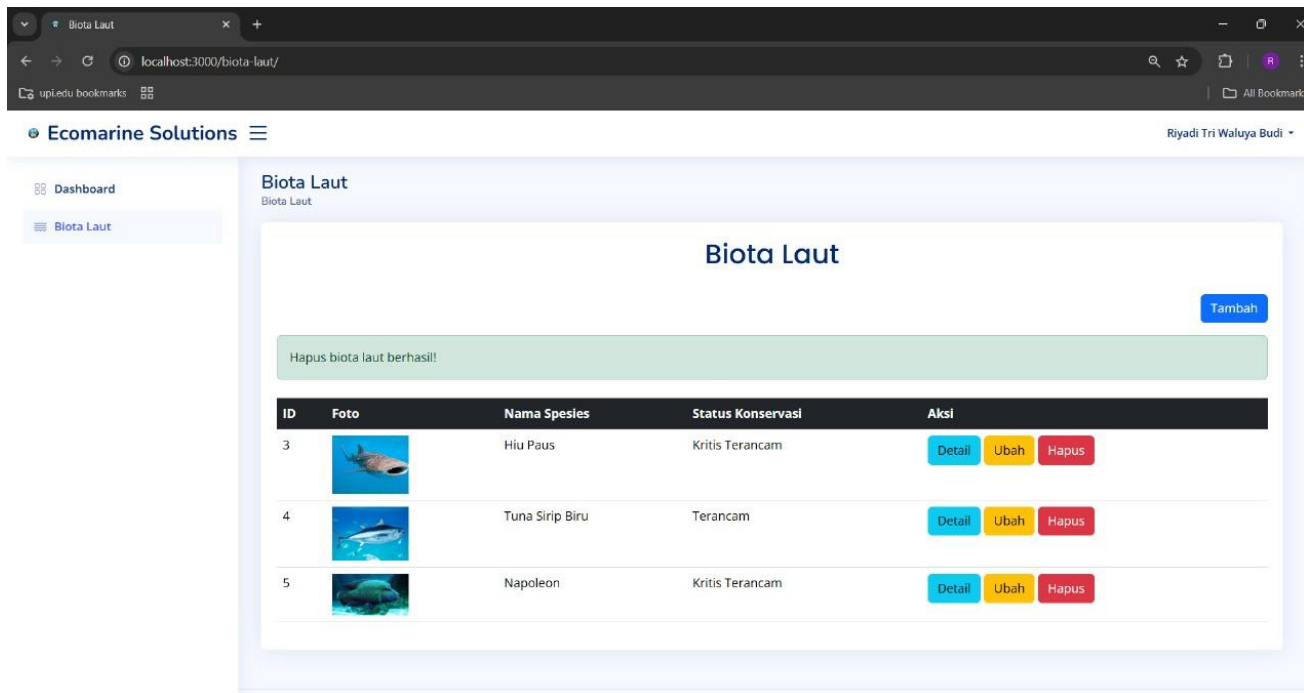
| ID | Foto  | Nama Spesies    | Status Konservasi | Aksi  |
|----|---|-----------------|-------------------|---|
| 3  |  | Hiu Paus        | Kritis Terancam   | <a href="#">Detail</a> <a href="#">Ubah</a> <a href="#">Hapus</a> |
| 4  |  | Tuna Sirip Biru | Terancam          | <a href="#">Detail</a> <a href="#">Ubah</a> <a href="#">Hapus</a> |
| 5  |  | Napoleon        | Kritis Terancam   | <a href="#">Detail</a> <a href="#">Ubah</a> <a href="#">Hapus</a> |
| 9  |  | Pesut           | Kritis Terancam   | <a href="#">Detail</a> <a href="#">Ubah</a> <a href="#">Hapus</a> |

A 'Tambah' (Add) button is located in the top right corner of the table area.

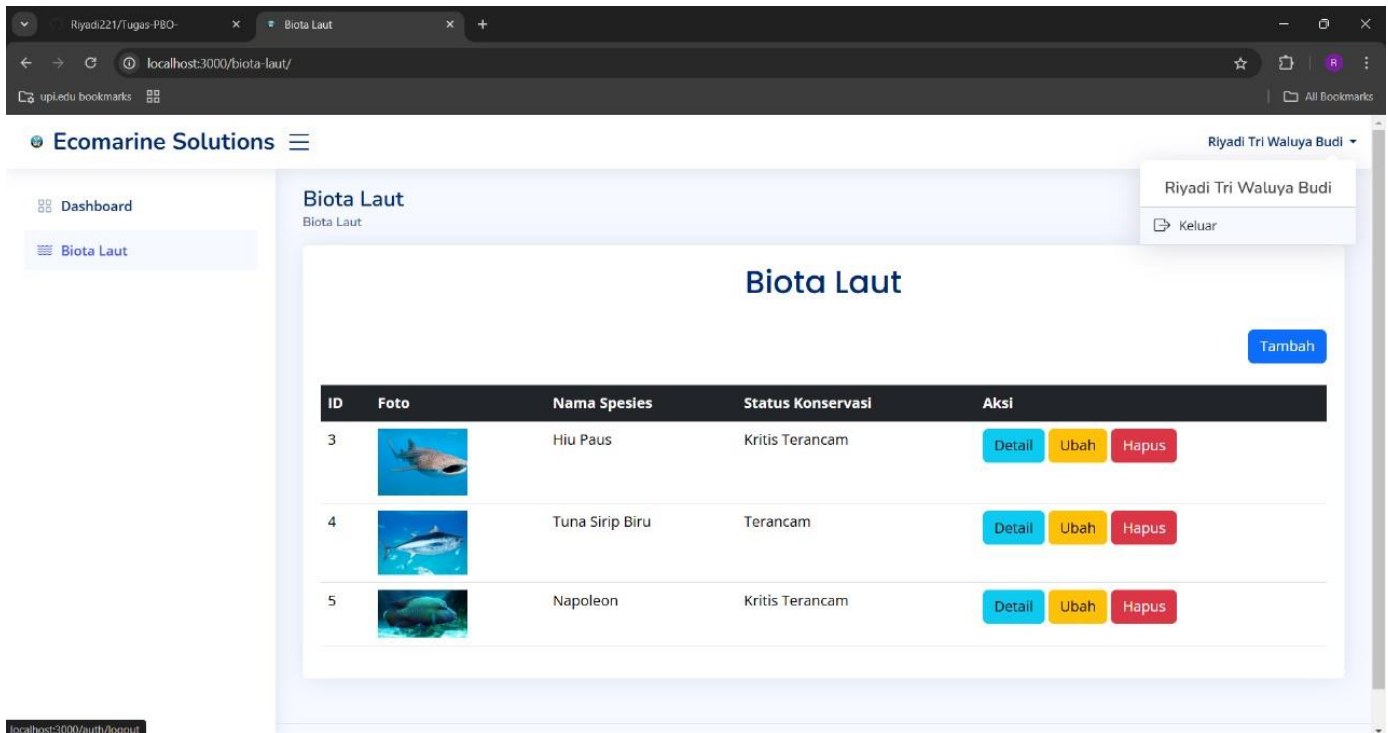
## 19. Validasi untuk konfirmasi jika ingin menghapus



## 20. Tampilan jika berhasil menghapus data biota



## 21. Tampilan untuk logout



Tampilan struktur database :

Table biota\_laut


| # | Nama  | Jenis        | Penyortiran        | Atribut | Tak Ternilai | Bawaan           | Komentar | Ekstra         |
|---|---|--------------|--------------------|---------|--------------|------------------|----------|----------------|
| 1 | <b>id</b>  | int(11)      |                    |         | Tidak        | <i>Tidak ada</i> |          | AUTO_INCREMENT |
| 2 | <b>foto</b>   | varchar(255) | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |
| 3 | <b>nama_spesies</b>   | varchar(255) | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |
| 4 | <b>jumlah_populasi</b>  | int(11)      |                    |         | Tidak        | <i>Tidak ada</i> |          |                |
| 5 | <b>status_konservasi</b>  | varchar(255) | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |
| 6 | <b>lokasi_pemantauan</b>  | text         | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |

Table users

| # | Nama  | Jenis        | Penyortiran        | Atribut | Tak Ternilai | Bawaan           | Komentar | Ekstra         |
|---|---|--------------|--------------------|---------|--------------|------------------|----------|----------------|
| 1 | <b>id</b>  | int(11)      |                    |         | Tidak        | <i>Tidak ada</i> |          | AUTO_INCREMENT |
| 2 | <b>nama</b>   | varchar(150) | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |
| 3 | <b>email</b>  | varchar(150) | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |
| 4 | <b>password</b>   | varchar(255) | utf8mb4_general_ci |         | Tidak        | <i>Tidak ada</i> |          |                |