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UTS PEMROGRAMAN WEB

Wireframes

The wireframe shows a web browser window with the title 'ElektroJarrShop | Login Page'. The address bar contains 'https://login.php'. The main content area features a central login form with the following elements:

- A heading 'LOGIN' in bold.
- A text input field labeled 'Masukkan Username'.
- A text input field labeled 'Masukkan Password'.
- A 'Login' button.

The browser window includes standard navigation icons (back, forward, stop, home) and a search icon in the top right corner.

Login Page

ElektroJarrShop | Login Page

https://login.php

LOGIN

Password Wajib di Isi !!!!

Masukkan Username

Masukkan Password

Login

Login Page – Password Wajib di Isi

ElektroJarrShop | Login Page

https://login.php

LOGIN

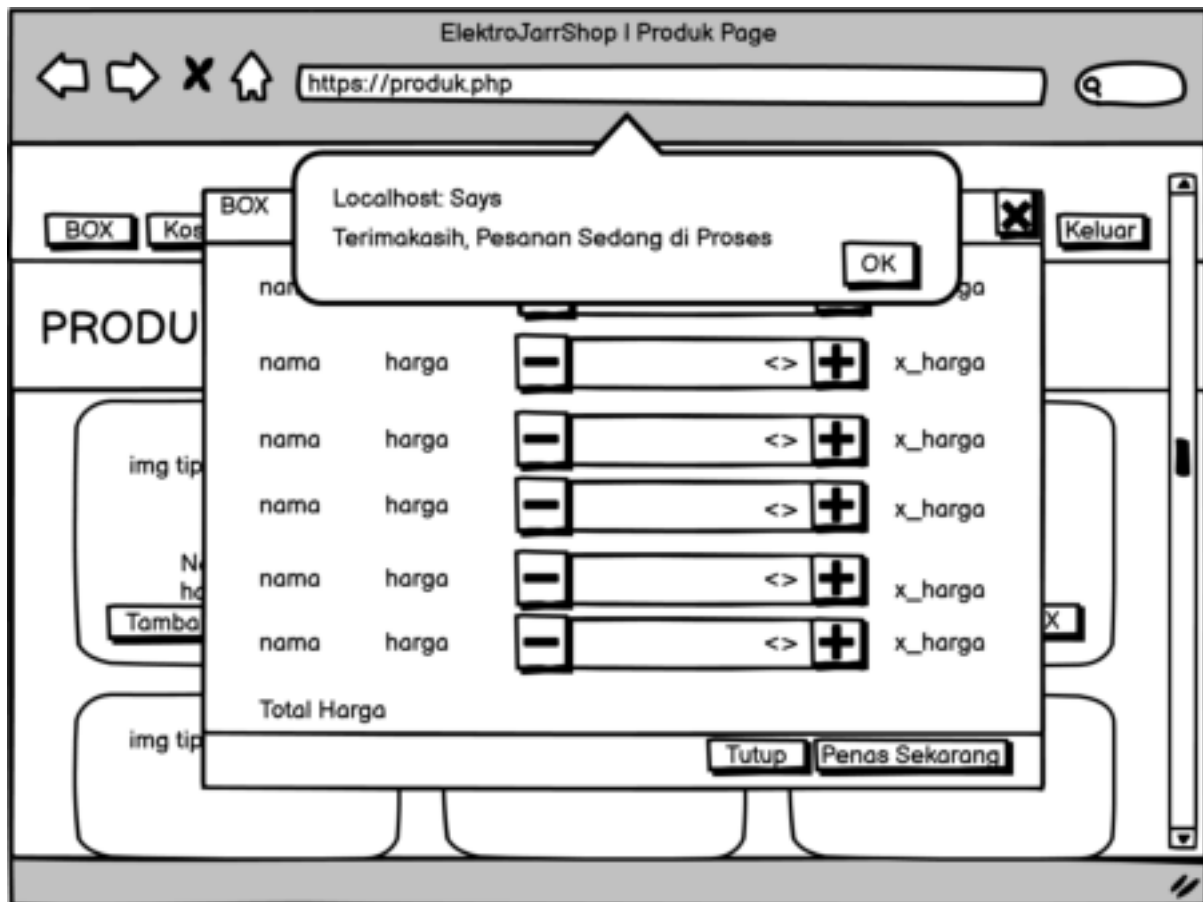
Username Wajib di Isi !!!!

Masukkan Username

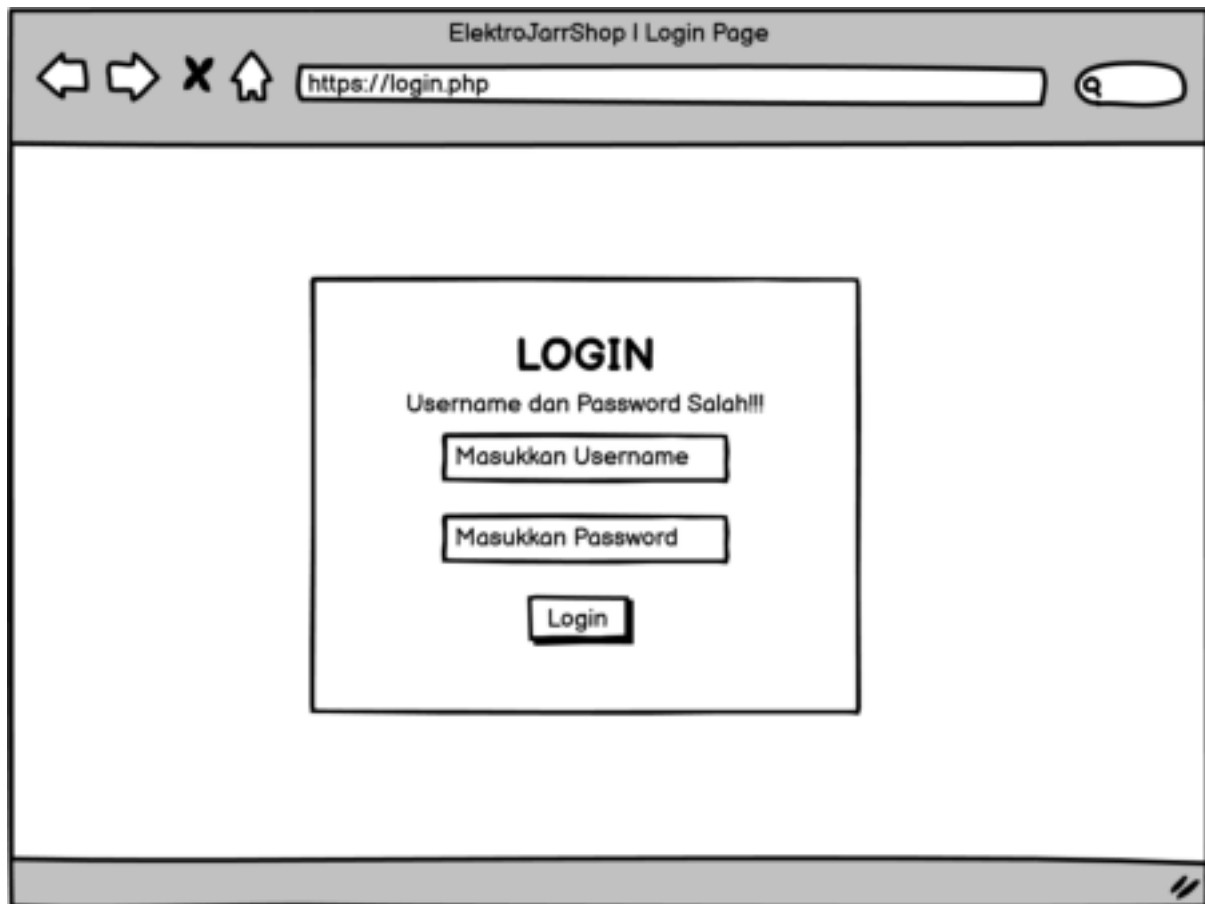
Masukkan Password

Login

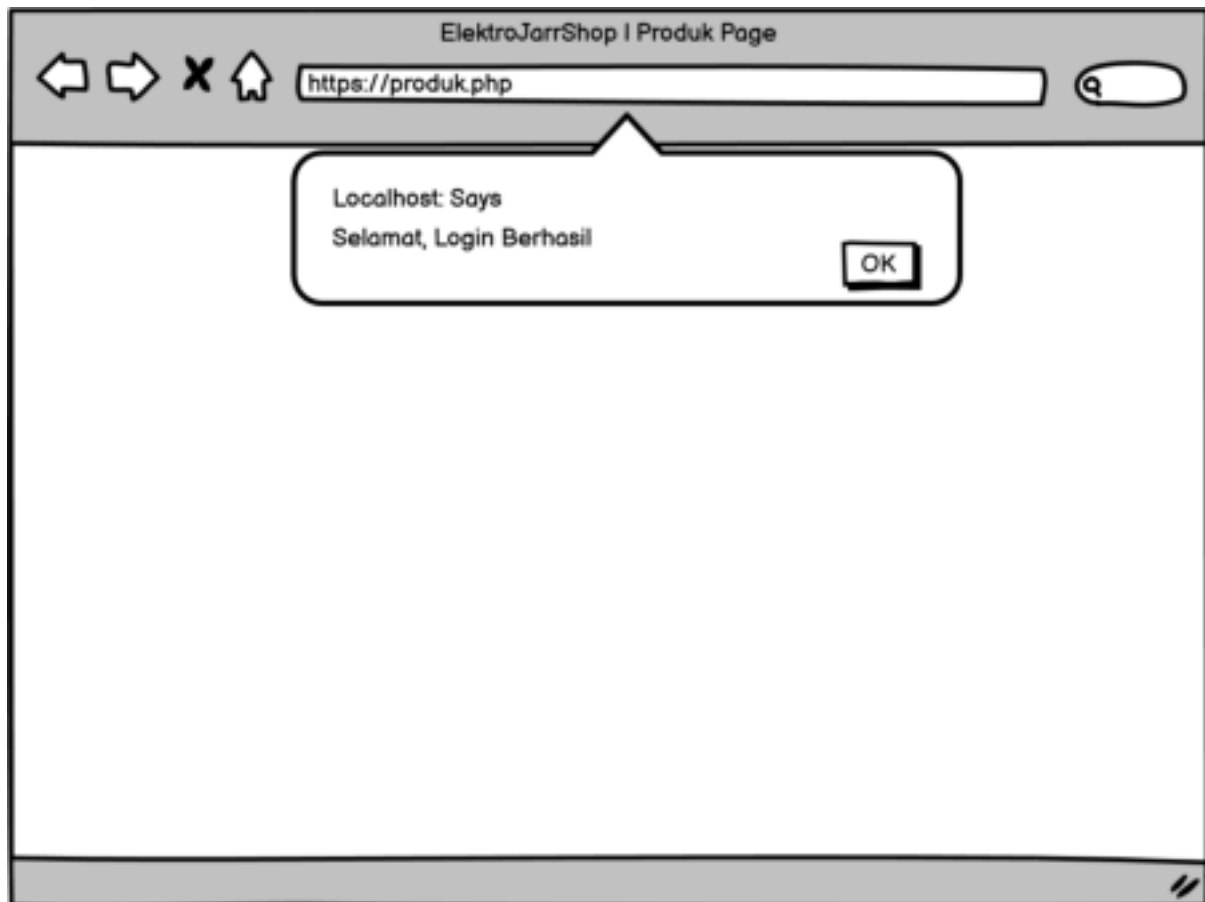
Login Page – Username Wajib di Isi



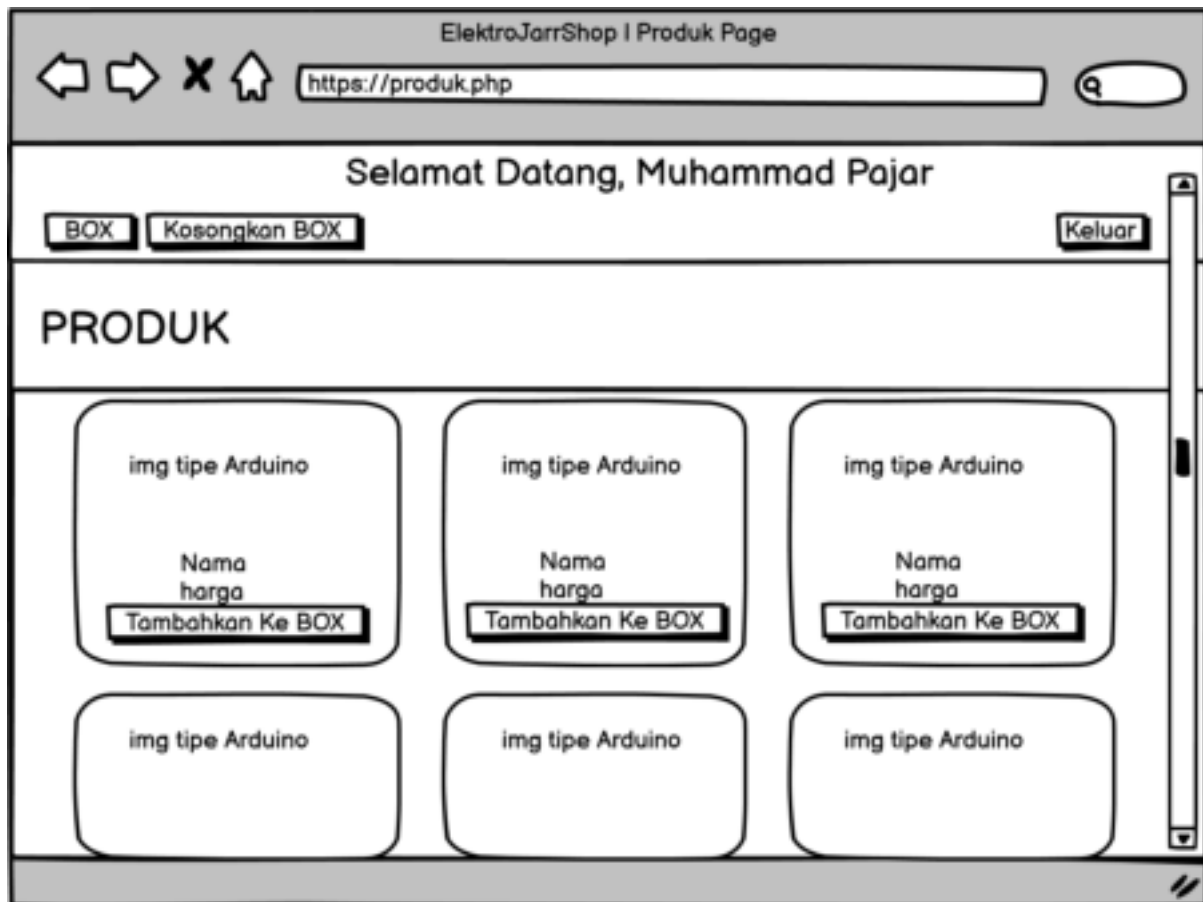
Login Page – Password Wajib di Isi



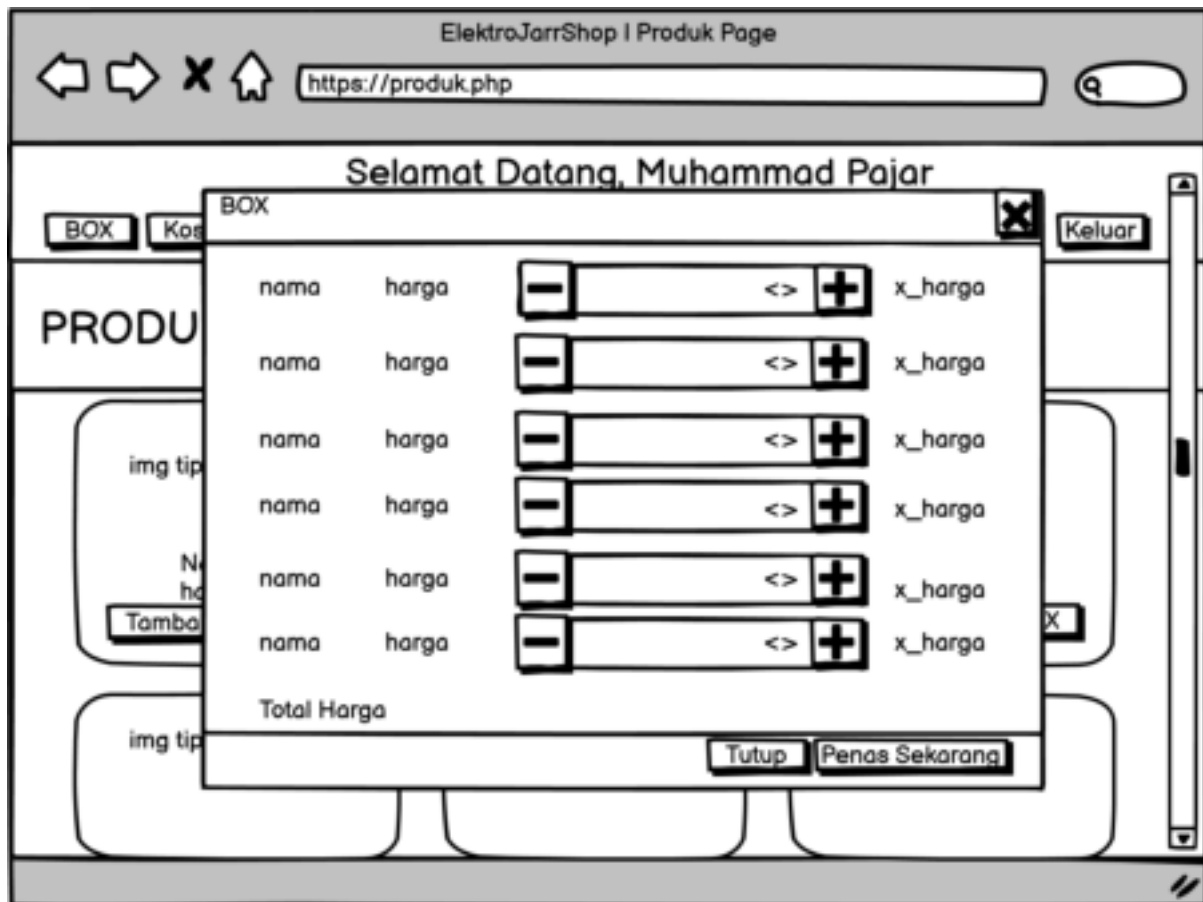
Login Page – Username dan Password Salah



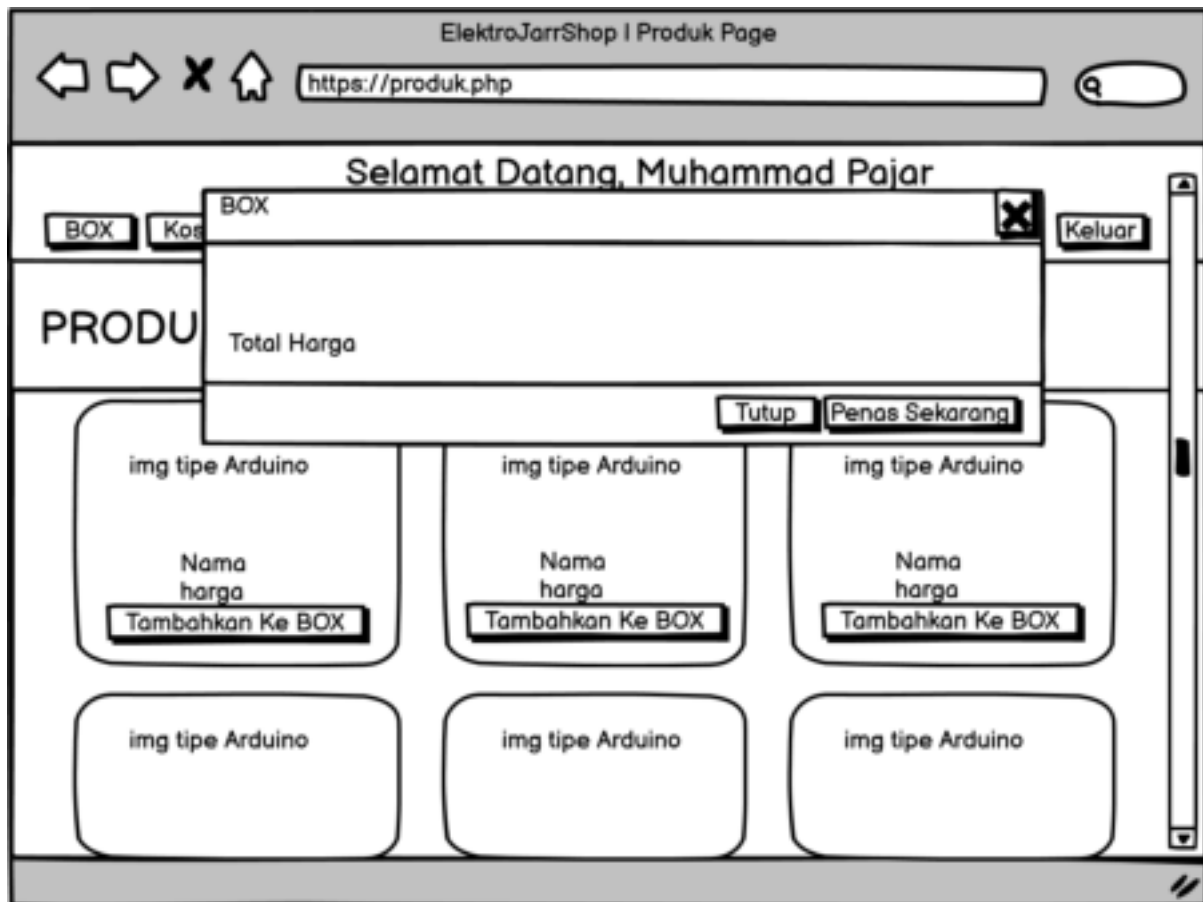
Login Page to Produk Page – Selamat, Login Berhasil



Produk Page

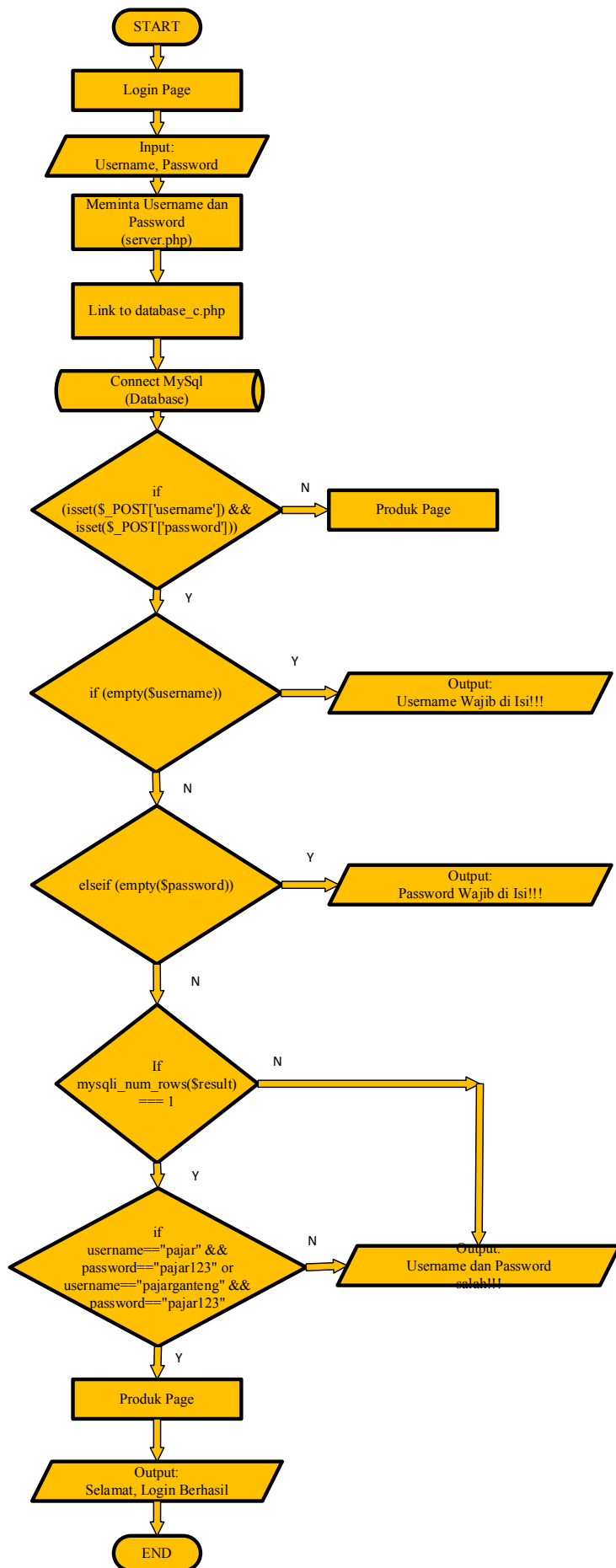


Produk Page – Barang yang sudah masuk ke dalam Box



Produk Page – Barang belum masuk ke dalam Box (Box Kosong)

Flowchart Login



PSEUDOCODE LOGIN

1. Start
2. Screen login page
3. Memanggil login

```
<form action="server.php" method="post">
```

```
<h2>LOGIN</h2>
```

```
<?php if (isset($_GET['error'])) { ?>
```

```
<p class="error"><?php echo $_GET['error']; ?></p>
```

```
<?php } ?>
```

```
<input type="text" name="username" placeholder="Masukkan  
Username"><br>
```

```
<input type="password" name="password" placeholder="Masukkan  
Password"><br>
```

```
<button type="submit">Login</button>
```

```
</form>
```

4. Input Username & Password
5. Meminta Username dan Password(server.php)
6. Link to database_c.php

```
<?php
```

```
$sname= "localhost";
```

```
$uname= "root";
```

```
$password = "";
```

```
$db_name = "login_page";
```

```
$conn = mysqli_connect($sname, $uname, $password, $db_name);
```

7. Koneksi ke database mysql
 8. Proses login
- ```
if (isset($_POST['username']) && isset($_POST['password']))
 function validate($data){

 function validate($data){
 $data = trim($data);
 $data = stripslashes($data);
 $data = htmlspecialchars($data);
 return $data;
```

```
}
```

```
$username = validate($_POST['username']);
```

```
$password = validate($_POST['password']);
```

9. Jika Username kosong maka print (username wajib di isi)

```
if (empty($username)) {
```

```
 header("Location: login.php?error=Username Wajib di Isi");
```

```
 exit();
```

10. Jika password kosong maka print (password wajib di isi)

```
}else if(empty($password)){
```

```
 header("Location: login.php?error=Password Wajib di Isi");
```

```
 exit();
```

11. Jika **(username=="pajar" && password=="pajar123" or username=="pajarganteng" && password=="pajar123")**

```
}else{
```

```
 $sql = "SELECT * FROM user WHERE user_name='$username' AND password='$password'";
```

```
 $result = mysqli_query($conn, $sql);
```

```
 if (mysqli_num_rows($result) === 1) {
```

```
 $row = mysqli_fetch_assoc($result);
```

```
 if ($row['user_name'] === $username && $row['password'] === $password) {
```

```
 $_SESSION['user_name'] = $row['user_name'];
```

```
 $_SESSION['name'] = $row['name'];
```

```
 $_SESSION['id'] = $row['id'];
```

```
//(username=="pajar" && password=="pajar123" or username=="pajarganteng" && password=="pajar123")
```

```
///going to produk page
```

```
 header("Location: produk.php");
```

```
 exit();
```

```
}else{
```

```
 header("Location: login.php?error=Username dan Password Salah!!!!");
```

```
 exit();
```

```
}
```

```
}else{
```

```
 header("Location: login.php?error=Username dan Password Salah!!!!");
```

```
 exit();
```

```
}
```

```
}
```

```
}else{
```

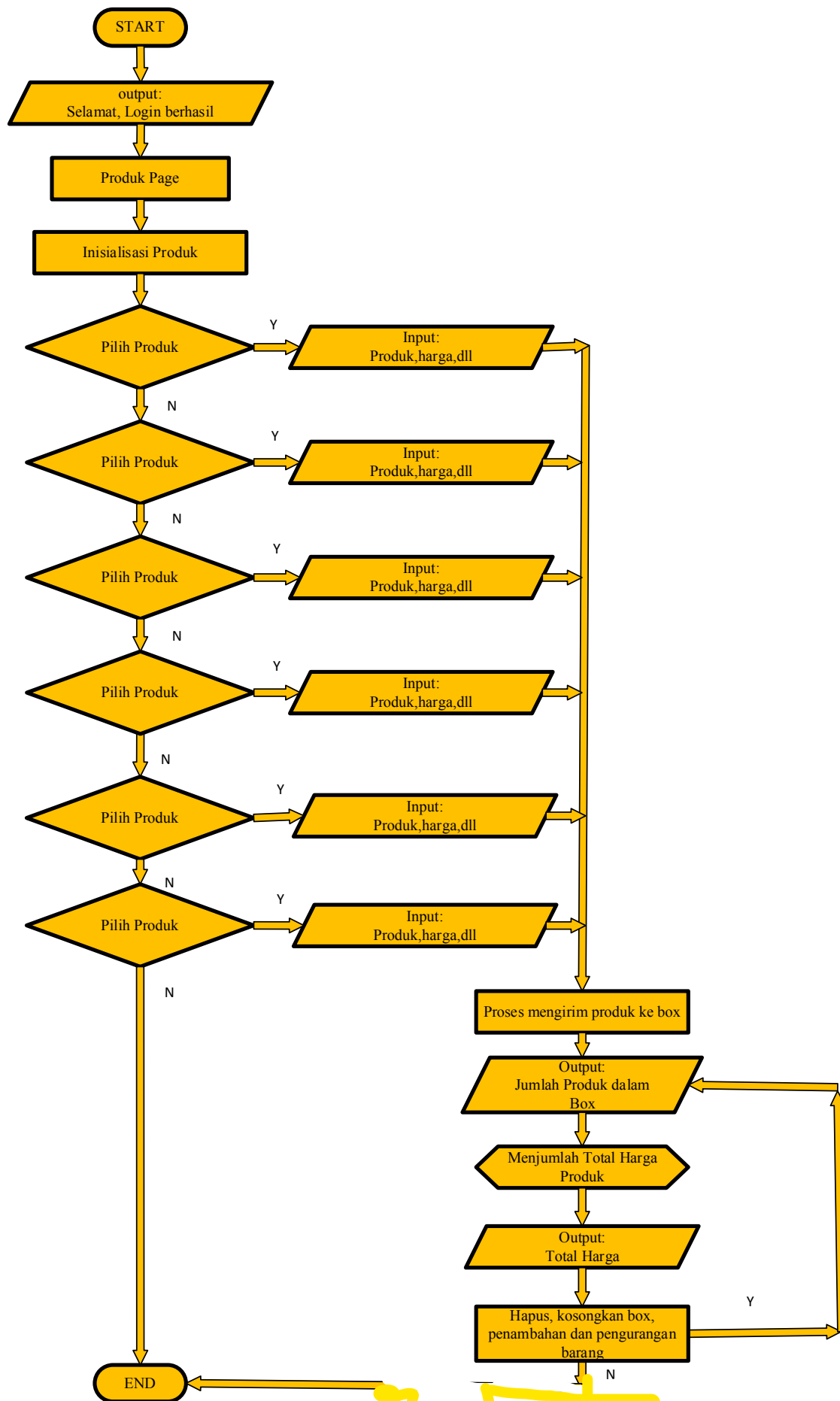
```
 header("Location: login.php");
```

```
 exit();
```

```
}
```

12. Masuk ke produk page
13. Alert 'Selamat, Login Berhasil'
14. Selesai

Flowchart Produk (semua sesi)



Pesan Sekarang

Output  
Terimakasih, Pesanan sedang di proses

## PSEUDOCODE List dan Meletakkan

1. Start
2. Alert(selamat, login berhasil)
3. Produk page
4. Menambahkan barang ke dalam box

```
obj.addToCart = function(name, price, count) {
 for(var item in cart) {
 if(cart[item].name === name) {
 cart[item].count ++;
 saveCart();
 return;
 }
 }
 var item = new Item(name, price, count);
 cart.push(item);
 saveCart();
}
```
5. Menambah item
6. proses

```
$('.add-to-cart').click(function(event) {
 event.preventDefault();
 var name = $(this).data('name');
 var price = Number($(this).data('price'));
 shoppingCart.addToCart(name, price, 1);
 displayCart();
});
$('.show-cart').on("click", ".plus-item", function(event) {
 var name = $(this).data('name')
 shoppingCart.addToCart(name);
 displayCart();
})
// List box
obj.listCart = function() {
```



```

var cartCopy = [];
for(i in cart) {
 item = cart[i];
 itemCopy = {};
 for(p in item) {
 itemCopy[p] = item[p];

 }
 itemCopy.total = Number(item.price * item.count).toFixed(2);
 cartCopy.push(itemCopy)
}
return cartCopy;
}
return obj;
})();

```

## 7. Selesai

PSEUDOCODE Menghapus barang dalam box Satu persatu dan Menyeluruh

1. Start
2. Alert(selamat, login berhasil)
3. Produk page
4. menghapus barang dalam box
5. Button klik Box
6. Proseses
  - // Delete item button

```

$('.show-cart').on("click", ".delete-item", function(event) {
 var name = $(this).data('name')
 shoppingCart.removeItemFromCartAll(name);
 displayCart();
})

// Remove item from box
obj.removeItemFromCart = function(name) {

```

```

 for(var item in cart) {
 if(cart[item].name === name) {
 cart[item].count --;
 if(cart[item].count === 0) {
 cart.splice(item, 1);
 }
 break;
 }
 }
 saveCart();
}

// Clear items
$('.clear-cart').click(function() {
 shoppingCart.clearCart();
 displayCart();
});

function displayCart() {
 var cartArray = shoppingCart.listCart();
 var output = "";
 for(var i in cartArray) {
 output += "<tr>"
 + "<td>" + cartArray[i].name + "</td>"
 + "<td>(" + cartArray[i].price + ")</td>"
 + "<td><div class='input-group'><button class='minus-item input-group-addon btn btn-primary' data-name='" + cartArray[i].name + ">-</button>"
 + "<input type='number' class='item-count form-control' data-name='" + cartArray[i].name + "' value='" + cartArray[i].count + "'>"
 + "<button class='plus-item btn btn-primary input-group-addon' data-name='" + cartArray[i].name + "'>+</button></div></td>"
 + "<td><button class='delete-item btn btn-danger' data-name='" + cartArray[i].name + "'>X</button></td>"
 }
}

```

```

+ " = "
+ "<td>" + cartArray[i].total + "</td>"
+ "</tr>";
}
$('.show-cart').html(output);
$('.total-cart').html(shoppingCart.totalCart());
$('.total-count').html(shoppingCart.totalCount());
}

```

7. menghapus semua barang dalam box
8. button kosongkan box
9. proses

```

// Remove all items from box
obj.removeItemFromCartAll = function(name) {
 for(var item in cart) {
 if(cart[item].name === name) {
 cart.splice(item, 1);
 break;
 }
 }
 saveCart();
}

```

```

// Clear box
obj.clearCart = function() {
 cart = [];
 saveCart();
}

```

10. Selesai

1. Start
2. Alert(selamat, login berhasil)
3. Produk page
4. Menjumlahkan barang dalam box
5. Proses

```
// Set count from item
```

```
obj.setCountForItem = function(name, count) {
 for(var i in cart) {
 if (cart[i].name === name) {
 cart[i].count = count;
 break;
 }
 }
};
```

```
// List box
```

```
obj.listCart = function() {
 var cartCopy = [];
 for(i in cart) {
 item = cart[i];
 itemCopy = {};
 for(p in item) {
 itemCopy[p] = item[p];
 }
 itemCopy.total = Number(item.price * item.count).toFixed(2);
 cartCopy.push(itemCopy)
 }
 return cartCopy;
}
return obj;
})();
```

```

// Count box

obj.totalCount = function() {

 var totalCount = 0;

 for(var item in cart) {

 totalCount += cart[item].count;

 }

 return totalCount;

}

// Item count input

$('.show-cart').on("change", ".item-count", function(event) {

 var name = $(this).data('name');

 var count = Number($(this).val());

 shoppingCart.setCountForItem(name, count);

 displayCart();

});

// +1

$('.show-cart').on("click", ".plus-item", function(event) {

 var name = $(this).data('name')

 shoppingCart.addItemToCart(name);

 displayCart();

})

// Total box

obj.totalCart = function() {

 var totalCart = 0;

 for(var item in cart) {

 totalCart += cart[item].price * cart[item].count;

 }

 return Number(totalCart.toFixed(2));

}

```

6. Selesai

## PSEUDOCODE Penjumlahan

1. Start
2. Alert(selamat, login berhasil)
3. Produk page
4. Menjumlahkan barang dalam box
5. Proses

```
// Set count from item
```

```
obj.setCountForItem = function(name, count) {
```

```
 for(var i in cart) {
```

```
 if (cart[i].name === name) {
```

```
 cart[i].count = count;
```

```
 break;
```

```
 }
```

```
 }
```

```
};
```

```
// List box
```

```
obj.listCart = function() {
```

```
 var cartCopy = [];
```

```
 for(i in cart) {
```

```
 item = cart[i];
```

```
 itemCopy = {};
```

```
 for(p in item) {
```

```
 itemCopy[p] = item[p];
```

```
 }
```

```
 itemCopy.total = Number(item.price * item.count).toFixed(2);
 cartCopy.push(itemCopy)
 }
 return cartCopy;
}
return obj;
})();
```

```
// Count box
```

```
obj.totalCount = function() {
 var totalCount = 0;
 for(var item in cart) {
 totalCount += cart[item].count;
 }
 return totalCount;
}
```

```
// Item count input
```

```
$('.show-cart').on("change", ".item-count", function(event) {
 var name = $(this).data('name');
 var count = Number($(this).val());
 shoppingCart.setCountForItem(name, count);
 displayCart();
});
```

```
// +1
```

```
$('.show-cart').on("click", ".plus-item", function(event) {
 var name = $(this).data('name')
 shoppingCart.addItemToCart(name);
 displayCart();
})
```

```
// Total box
```

```
obj.totalCart = function() {
```

```

var totalCart = 0;

for(var item in cart) {

 totalCart += cart[item].price * cart[item].count;

}

return Number(totalCart.toFixed(2));

}

```

6. Selesai

#### PSEUDOCODE Pengurangan

1. Start
2. Alert(selamat, login berhasil)
3. Produk page
4. mengurangi barang dalam box
5. Proses

```

// Set count from item

obj.setCountForItem = function(name, count) {

 for(var i in cart) {

 if (cart[i].name === name) {

 cart[i].count = count;

 break;

 }

 }

};

```

```

// List box

obj.listCart = function() {

 var cartCopy = [];

 for(i in cart) {

 item = cart[i];

 itemCopy = {};

 for(p in item) {

 itemCopy[p] = item[p];

 }

 }

};

```



```

 }

 itemCopy.total = Number(item.price * item.count).toFixed(2);

 cartCopy.push(itemCopy)
 }

 return cartCopy;
}

return obj;
})();

```

```
// Count box
```

```

obj.totalCount = function() {
 var totalCount = 0;

 for(var item in cart) {
 totalCount += cart[item].count;
 }

 return totalCount;
}

```

```
// Item count input
```

```

$('.show-cart').on("change", ".item-count", function(event) {
 var name = $(this).data('name');
 var count = Number($(this).val());

 shoppingCart.setCountForItem(name, count);
 displayCart();
});

```

```
// +1
```

```

$('.show-cart').on("click", ".plus-item", function(event) {
 var name = $(this).data('name')

 shoppingCart.addItemToCart(name);
 displayCart();
})

```

```
// Total box
```

```

obj.totalCart = function() {
 var totalCart = 0;
 for(var item in cart) {
 totalCart += cart[item].price * cart[item].count;
 }
 return Number(totalCart.toFixed(2));
}

```

6. Selesai

#### PSEUDOCODE Load dan Save barang dalam box

1. Star
2. Alert(selamat, login berhasil)
3. Produk page
4. load barang dalam box
5. Proses
  - // Load box

```

function loadCart() {
 cart = JSON.parse(sessionStorage.getItem('shoppingCart'));
}

if (sessionStorage.getItem("shoppingCart") != null) {
 loadCart();
}

var obj = {};

```
6. save barang dalam box
7. Proses
  - // Save box

```

function saveCart() {
 sessionStorage.setItem('shoppingCart', JSON.stringify(cart));
}

```
8. Selesai

