


Permission letter from assignment 4:

UNISA 
university of south africa

1. Narriman Higgins
owner/manager of Costume Joy (Sole Proprietor)
(company name) hereby grant permission to Zainup van Blerck
(name of student) to use our logo, general information about the small privately owned business, contact information, products and services information, photos and videos of the small privately owned business to create web pages as part of his/her assessment for the module ICT1512 – Introduction to Interactive Programming and/or ICT1513 – Introduction to Web Design for which he/she is a registered student at the University of South Africa.

Business phone number: 0844414745
Business email address: costumejoy@outlook.com
Business website (if available): Facebook and Google Pages
Instagram @costume-joy
Business street address: Shop 12, The Village Square
cnr Main and Southfield Roads, Plumstead

The web pages, as created by the student, will remain the property of the small privately owned business and the small privately owned business may not be charged any fees for creating these web pages. It is not a requirement for the site being created to be published on the Internet. Any arrangement for the inclusion of the web pages in the small privately owned business website as well as the maintenance of the web pages once it is made public is between the student and the small privately owned business and UNISA will not be held responsible in any way or manner.

Higgins
Owner/Manager

~~18824528~~
Student

2 May 2024
Date Signed

18824528
Student Number

Progress letter:

I, Alinyah Coe
owner/manager of

Costume Joy
(small privately owned business) hereby declares that

Zainap Van Bleck
(name of student) has shown me the progress he/she has made towards their project assessment for the module ICT1512 – Introduction to Interactive Programming and/or ICT1513 – Introduction to Web Design.

Business phone number: 0844414745

Business email address: costumejoy@outlook.com

Business street address: Shop 12, The Village
Square, Opp Southfield
Road and Main Road.

The web pages, as created by the student, will remain the property of the small privately owned business and the small privately owned business may not be charged any fees for creating these web pages. It is not a requirement for the site being created to be published on the Internet. Any arrangement for the inclusion of the web pages in the small privately owned business website as well as the maintenance of the web pages once it is made public is between the student and the shelter and UNISA will not be held responsible in any way or manner.

Bleck
Owner/Manager [Signature]
3/8/24
Date Signed

Zainap Van
Student
18824528
Student Number

Screenshot of JavaScript Calculation code:

```

scripts > JS main.js > submitOrder
1 // script.js
2
3 function submitOrder() {
4     var selectedProducts = document.querySelectorAll('.product:checked');
5     var queryString = "?";
6
7     selectedProducts.forEach(function(product, index) {
8         var name = product.getAttribute('name');
9         var price = product.getAttribute('value');
10        queryString += `name${index}=${encodeURIComponent(name)}&price${index}=${encodeURIComponent
11        (price)}&`;
12    });
13
14    // Remove the last "&" character from the query string
15    queryString = queryString.slice(0, -1);
16
17    // Redirect to the orderSubmit.html page with the query string
18    window.location.href = `./html/orderSubmit.html` + queryString;
19
20    function getQueryStringParams(query) {
21        return query
22            .slice(1)
23            .split('&')
24            .reduce(function (params, param) {
25                var [key, value] = param.split('=');
26                params[key] = decodeURIComponent(value);
27                return params;
28            }, {});
29    }
30
31    function displayOrderSummary() {
32        var params = getQueryStringParams(window.location.search);
33        var orderSummary = document.getElementById('orderSummary');
34        var total = 0;
35
36        for (var i = 0; i < Object.keys(params).length / 2; i++) {
37            var name = params[`name${i}`];
38            var price = parseFloat(params[`price${i}`]);
39            let VAT = 0.15;
40            total += price;
41            cal = total + (total * VAT);
42
43            var listItem = document.createElement('li');
44            listItem.textContent = `${name} - R ${price.toFixed(2)}`;
45            orderSummary.appendChild(listItem);
46        }
47
48        var totalItem = document.createElement('li');
49        totalItem.textContent = `Total: R ${cal.toFixed(2)}`;
50        orderSummary.appendChild(totalItem);
51    }
52
53    if (document.getElementById('orderSummary')) {
54        displayOrderSummary();
55    }
56

```

Screenshot of JavaScript code validation of password:

```
//validate password

document.getElementById('password').addEventListener('input', function() {
  let password = this.value;
  let messageElement = document.getElementById('passwordMessage');
  let message = '';

  if (password.length < 8) {
    message = 'Password must be at least 8 characters long.';
  } else if (!/[A-Z]/.test(password)) {
    message = 'Password must have at least one uppercase letter.';
  } else if (!/\d/.test(password)) {
    message = 'Password must have at least one digit.';
  } else if (!/[!@#$/]/.test(password)) {
    message = 'Password must have at least one of the following symbols: !, @, #, $, .';
  }

  this.setCustomValidity(message);
  messageElement.textContent = message;
});

document.getElementById('client-info-form').addEventListener('submit', function(e) {
  let passwordInput = document.getElementById('password');
  if (!passwordInput.checkValidity()) {
    e.preventDefault(); // Prevent form submission
  }
});
```

screenshot of JavaScript code used to indicate last visited:



```
clientRegistrationForm.html JS clientRegistrationForm.js JS lastVisited.js X
scripts > JS lastVisited.js > ...
1 window.addEventListener('load', function() {
2   const lastVisitedElement = document.getElementById('lastVisited');
3   const lastVisited = localStorage.getItem('lastVisited');
4
5   if (lastVisited) {
6     lastVisitedElement.textContent = 'Last visited: ' + new Date(lastVisited).toLocaleString();
7   } else {
8     lastVisitedElement.textContent = 'This is your first visit!';
9   }
10
11   const currentVisit = new Date();
12   localStorage.setItem('lastVisited', currentVisit);
13 });
14
```

screenshot of staff.json file:

```

{} staff.json > ...
1  [
2      {
3          "staffNumber": "001",
4          "firstName": "John",
5          "lastName": "Doe",
6          "jobDescription": "Manager",
7          "workPhoneNumber": "+27 123 456 789",
8          "workEmailAddress": "john.doe@example.com",
9          "image": "./images/john_doe.jpg"
10     },
11     {
12         "staffNumber": "002",
13         "firstName": "Jane",
14         "lastName": "Smith",
15         "jobDescription": "Assistant Manager",
16         "workPhoneNumber": "+27 987 654 321",
17         "workEmailAddress": "jane.smith@example.com",
18         "image": "./images/jane_smith.jpg"
19     },
20     {
21         "staffNumber": "003",
22         "firstName": "Robert",
23         "lastName": "Brown",
24         "jobDescription": "Sales Executive",
25         "workPhoneNumber": "+27 654 321 987",
26         "workEmailAddress": "robert.brown@example.com",
27         "image": "./images/robert_brown.jpg"
28     },
29     {
30         "staffNumber": "004",
31         "firstName": "Emily",
32         "lastName": "Jones",
33         "jobDescription": "Marketing Specialist",
34         "workPhoneNumber": "+27 321 654 987",
35         "workEmailAddress": "emily.jones@example.com",
36         "image": "./images/emily_jones.jpg"
37     },
38     {
39         "staffNumber": "005",
40         "firstName": "Michael",
41         "lastName": "Williams",
42         "jobDescription": "Accountant",
43         "workPhoneNumber": "+27 987 123 456",
44         "workEmailAddress": "michael.williams@example.com",
45         "image": "./images/michael_williams.jpg"
46     },
47     {
48         "staffNumber": "006",
49         "firstName": "Sarah",
50         "lastName": "Wilson",
51         "jobDescription": "HR Manager",
52         "workPhoneNumber": "+27 123 789 456",
53         "workEmailAddress": "sarah.wilson@example.com",
54         "image": "./images/sarah_wilson.jpg"
55     },

```

```

47     {
48         "staffNumber": "006",
49         "firstName": "Sarah",
50         "lastName": "Wilson",
51         "jobDescription": "HR Manager",
52         "workPhoneNumber": "+27 123 789 456",
53         "workEmailAddress": "sarah.wilson@example.com",
54         "image": "./images/sarah_wilson.jpg"
55     },
56     {
57         "staffNumber": "007",
58         "firstName": "David",
59         "lastName": "Taylor",
60         "jobDescription": "Customer Service",
61         "workPhoneNumber": "+27 456 123 789",
62         "workEmailAddress": "david.taylor@example.com",
63         "image": "./images/david_taylor.jpg"
64     },
65     {
66         "staffNumber": "008",
67         "firstName": "Laura",
68         "lastName": "Anderson",
69         "jobDescription": "IT Support",
70         "workPhoneNumber": "+27 321 987 654",
71         "workEmailAddress": "laura.anderson@example.com",
72         "image": "./images/laura_anderson.jpg"
73     },
74     {
75         "staffNumber": "009",
76         "firstName": "Daniel",
77         "lastName": "Thomas",
78         "jobDescription": "Warehouse Manager",
79         "workPhoneNumber": "+27 654 987 321",
80         "workEmailAddress": "daniel.thomas@example.com",
81         "image": "./images/daniel_thomas.jpg"
82     },
83     {
84         "staffNumber": "010",
85         "firstName": "Jessica",
86         "lastName": "White",
87         "jobDescription": "Product Manager",
88         "workPhoneNumber": "+27 789 654 123",
89         "workEmailAddress": "jessica.white@example.com",
90         "image": "./images/jessica_white.jpg"
91     }
92 ]
93

```

screenshot of clientRegistrationForm.html, clientPaymentForm.html and orderSubmit.html:

Last visited: 8/1/2024, 9:19:50 AM

Client Information Form



Preferred Name:

Zainap

Client Full Names (as on ID):

Zainap

Surname:

Zainap

Password:

p@ssworD1

ID Number:

1234567891012

Telephone (Work):

1234567890

Cellphone Number:

1234567890

E-mail:

z@gmail.com

Home Address:

Postal Address:

E-mail:

z@gmail.com

Home Address:

Postal Address:

☐ Copy Home Address to Postal Address

Where did the client hear about us?

Word of Mouth

Credit Card Name*

- ☐ American Express
- ☐ Discover
- ☐ MasterCard
- ☐ Visa

Credit Card Number*

6011485077126974

Expiration Date*

mm / yy

CVC Number:

123

* - Required Item

Client Payment Form

Client Preferred Name: Zainap

Client Surname: Zainap

Name on Credit Card: Zainap

Credit Card Type: master

Credit Card Number: 6011485077126974

Expiration Month/Year: 11/2029

CVC Number: 123

Total Due: R 0.00

orderSubmit:

Display Data

preferred name: Zainap

full name: Zainap

surname: Zainap

password: p@ssworD1

id number: 1234567891012

telephone work: 1234567890

cellphone number: 1234567890

email: z@gmail.com

home address: ca

postal address: ca

referral: word-of-mouth

credit: master

cardNumber: 6011485077126974

expMonth: 11

expYear: 2027

cvc number: 123

Order Summary

preferred name: Zainap

full name: Zainap

surname: Zainap

password: p@ssworD1

id number: 1234567891012

telephone work: 1234567890

cellphone number: 1234567890

email: z@gmail.com

home address: ca

postal address: ca

referral: word-of-mouth

credit: master

cardNumber: 6011485077126974

expMonth: 11

expYear: 2027

cvc number: 123

Order Summary

- costume-female - R 800.00
- Total: R 920.00

Screenshot of Javascript code adding to last visited date to the
clientRegistrationForm.html:

```
clientRegistrationForm.html JS clientRegistrationForm.js JS lastVisited.js X
scripts > JS lastVisited.js > ...
1 window.addEventListener('load', function() {
2     const lastVisitedElement = document.getElementById('lastVisited');
3     const lastVisited = localStorage.getItem('lastVisited');
4
5     if (lastVisited) {
6         lastVisitedElement.textContent = 'Last visited: ' + new Date(lastVisited).toLocaleString();
7     } else {
8         lastVisitedElement.textContent = 'This is your first visit!';
9     }
10
11     const currentVisit = new Date();
12     localStorage.setItem('lastVisited', currentVisit);
13 });
14 |
```

```

function submitOrder() {
    var selectedProducts = document.querySelectorAll('.product:checked');
    var queryString = "?";

    selectedProducts.forEach(function(product, index) {
        var name = product.getAttribute('name');
        var price = product.getAttribute('value');
        queryString += `name${index}=${encodeURIComponent(name)}&price${index}=${encodeURIComponent(price)}&`;
    });

    // Remove the last "&" character from the query string
    queryString = queryString.slice(0, -1);

    // Redirect to the orderSubmit.html page with the query string
    window.location.href = '../html/orderSubmit.html';
}

function getQueryStringParams(query) {
    return query
        .slice(1)
        .split('&')
        .reduce(function (params, param) {
            var [key, value] = param.split('=');
            params[key] = decodeURIComponent(value);
            return params;
        }, {});
}

function displayOrderSummary() {
    var params = getQueryStringParams(window.location.search);
    var orderSummary = document.getElementById('orderSummary');
    var total = 0;

    for (var i = 0; i < Object.keys(params).length / 2; i++) {
        var name = params[`name${i}`];
        var price = parseFloat(params[`price${i}`]);
        let VAT = 0.15;
        total += price;
        var cal = total + (total * VAT);

        var listItem = document.createElement('li');
        listItem.textContent = `${name} - R ${price.toFixed(2)}`;
        orderSummary.appendChild(listItem);
    }

    var totalItem = document.createElement('li');
    totalItem.textContent = `Total: R ${cal.toFixed(2)}`;
    orderSummary.appendChild(totalItem);
}

if (document.getElementById('orderSummary')) {
    displayOrderSummary();
}

```