Computació Web

Bru Mas Ribera

Entrega 6

JSON

XML

JSON

JSON Client

meta

```
function loadJSON(json)
{
    $.ajax({
    method: "POST",
    url: "update_user.php",
    data: { data: json},
    dataType: "json"
    })
}
```

json = {"nom":"Carlos","cognoms":"de Andrea","username":"carlinho",
"password":"e404b253da46751a429ac447b2e893f3",
"email":"viva_uruguay@gmail.com","user_id":"3452","mode":"update"}

JSON Servidor

ajax.php

```php
$data = $_REQUEST['data'];
$info = JSON_decode($data,true);

if ($info['mode'] == "update"){          //Diferents tipus
    update_user_data($info);
} else if ($info['mode'] == "register"){
    register_user($info);
}
```

users.php

```php
function update_user_data($data){

    $sql = "UPDATE `usuaris` SET `username` =    '".$data['username']."',
                    `password` = '".$data['password']."', `nom` = '".$data['nom']."',
                    `cognoms` = '".$data['cognoms']."', `email` = '".$data['email']."'
            WHERE `usuaris`.`user_id` = ".$data['user_id'].";";

    mysql_query($sql);
}
```

XML

XML Client

header

```javascript
function showHabitacio(str) {

        xmlhttp = new XMLHttpRequest();

        xmlhttp.onreadystatechange = function() {

                if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {

                        parser=new DOMParser();
                        xmlDoc=parser.parseFromString(xmlhttp.responseText);

xt= /*Construïm la taula html*/
document.getElementById('txtHint').innerHTML=txt;
                }

        }

        xmlhttp.open("GET","getreserva.php?habitacio="+str,true);
        xmlhttp.send();

}
```

t

XML Servidor

getreserva.php

```php
/*Consulta de la taula i construcció d'un XML*/

$xml = "<?xml version=\"1.0\" encoding=\"UTF-8\"?>";
$xml .= "<RESERVES>";

if(mysql_num_rows($result)>0)
{
        while($result_array = mysql_fetch_assoc($result))
        {
                $xml .= "<RESERVA>";

                foreach($result_array as $key => $value)
                {
                        $xml .= "<".strtoupper($key).">";

                        $xml .= "$value";

                        $xml .= "</".strtoupper($key).">";
                }

                $xml .= "</RESERVA>";
        }
}
$xml .= "</RESERVES>";
echo $xml;
```

XML Servidor

xml resultant

```xml
<?xml version="1.0" encoding="UTF-8"?>
<RESERVES>
    <RESERVA>
        <DIA>12-12-2015</DIA>
        <N_PERSONES>7</N_PERSONES>
        <HABITACIO>peguera</HABITACIO>
    </RESERVA>
    <RESERVA>
        <DIA>12-12-2015</DIA>
        <N_PERSONES>13</N_PERSONES>
        <HABITACIO>peguera</HABITACIO>
    </RESERVA>
</RESERVES>
```

XML Client

header

```javascript
function showHabitacio(str) {

        xmlhttp = new XMLHttpRequest();

        xmlhttp.onreadystatechange = function() {

            if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {

                    parser=new DOMParser();
                    xmlDoc=parser.parseFromString(xmlhttp.responseText);
                    txt= /*Construïm la taula html*/
                    document.getElementById('txtHint').innerHTML=txt;
            }

        }

        xmlhttp.open("GET","getreserva.php?habitacio="+str,true);
        xmlhttp.send();

}
```

XML Client

header

```
/*Construcció de la taula html*/

txt="<table id=\"taula_reserves\"
><tr><th>Dia</th><th>Persones</th><th>Habitació</th></tr>"

x=xmlDoc.getElementsByTagName("RESERVA");

for (i=0;i<x.length;i++)  {
      txt=txt + "<tr>";
      xx=xmlDoc.getElementsByTagName("DIA");
      {
            try  {
                  txt=txt + "<td>" + xx[i].childNodes[0].nodeValue + "</td>";
             } catch (er)  {
                  txt=txt + "<td> </td>";
            }
      }
      xx=xmlDoc.getElementsByTagName("N_PERSONES"); {   ...      }

      xx=xmlDoc.getElementsByTagName("HABITACIO");  {   ...      }

      txt=txt + "</tr>";
}
txt=txt + "</table>";
```

XML Client

header

```
/*Actualització del DOM amb la nova taula*/

function showHabitacio(str) {

        xmlhttp = new XMLHttpRequest();

        xmlhttp.onreadystatechange= function() {

                if (xmlhttp.readyState == 4 && xmlhttp.status == 200) {

                        parser=new DOMParser();
                        xmlDoc=parser.parseFromString(xmlhttp.responseText);
                        txt= /*Construïm la taula html*/
                        document.getElementById('txtHint').innerHTML=txt;
                }

        }

        xmlhttp.open("GET","getreserva.php?habitacio="+str,true);
        xmlhttp.send();

}

//Hem seguit un procediment semblant en l'actualització dels camps modificats en la gestió d'usuari
```

Entrega 7

SESSIONS

COOKIES

ERRORS

SESSIONS

Login

login.php

```php
if(empty($_POST) === false){
        $username = $_POST['username'];
        $password = $_POST['password'];

        $user_id = login();

        $_SESSION['user_id'] = $user_id;
        header('Location: index.php');
        exit();
}
```

Login

users.php

```php
function login(){
    $username = sanitize($_POST['username']);
    $user_id = user_id_from_username($username);
    $password = md5($_POST['password']);

    $query = mysql_query("SELECT COUNT(`user_id`)
                          FROM `usuaris`
                          WHERE `username` = ' $username'
                          AND `password` = ' $password'");

    $row = mysql_fetch_array($query);
    $my_info = $row[0];

    return ($my_info == 1) ? $user_id : false;
}
```

Login

login.php

```php
if(empty($_POST) === false){
    $username = $_POST['username'];
    $password = $_POST['password'];

    $user_id = login();

    $_SESSION['user_id'] = $user_id;
    header('Location: index.php');
    exit();
}
```

Block Page

general.php

```php
function protect_page(){
    if (logged_in() === false){
        header('Location: protected.php' );
        exit();
    }
}
```

users.php

```php
function logged_in(){
    return (isset($_SESSION['user_id'])) ? true :
false;
}
```

Block Page

protected.php


```php
<?php include 'core/init.php';
include 'includes/overall/header.php';?>



<h1>Malauradament has d'estar indentificat per accedir a aquest contingut<h1>

<p><br>Si et plau,
<a class="link" href="register.php">registrat</a> o identificat<p>



<?php include 'includes/overall/footer.php';?>
```

Logout

logout.php

```php
session_start();
header('Location: '.$_SERVER['PHP_SELF']);
session_destroy();
```
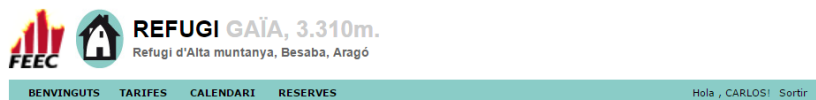
COOKIES

Customize

user.php

```
<img onclick="changeFoc()" class="centered" src="img/flama.png" alt="Refugi
Gaia 2310 m">
```


REFUGI GAÏA, 3.310m.
Refugi d'Alta muntanya, Besaba, Aragó

FEEC

BENVINGUTS   TARIFES   CALENDARI   RESERVES   Hola , CARLOS! Sortir

Informació personal

Nom
Carlos

Cognoms
de Andrea

Nom d'usuari
carlinhos

Contrasenya actual

Nova contrasenya

Reescriu la nova constrasenya

Email
vivauruguay@gmail.com

Modificar

Aquesta web no representa cap negoci real. Forma part del treball pràctic d'una assignatura universitària. Per qualsevol dubte em podeu contactar a howna13@gmail.com

Customize

header

```javascript
function changeFoc(){
    valor = getValueCookie("foc");
    var now = new Date();
    var time = now.getTime();
    time += 60 * 15; //15 min
    now.setTime(time);
    if(valor == "true"){
        document.cookie="foc=false; expires=" + now.toUTCString();
        $("#feec").attr('src', 'img/feec.jpg');
    } else{
        document.cookie="foc=true; expires=" + now.toUTCString();
        $("#feec").attr('src', 'img/feec_onfire.gif');
    }
}
```

Customize

header

```
function getValueCookie (name){
    var valor = "";
    var allCookies = document.cookie.split (";");
    for (var i = 0; i < allCookies.length ; i++) {
        var eachCookie = allCookies[i].split("=");
        var cookieName = eachCookie[0];
        var cookieValue = eachCookie[1];
        if(cookieName == name){
            valor = cookieValue ;
        }
    }
    return valor;
}
```

Customize

header

```
function changeFoc(){
    valor = getValueCookie("foc");
    var now = new Date();
    var time = now.getTime();
    time += 60 * 15; //15 min
    now.setTime(time);
    if(valor == "true"){
        document.cookie="foc=false; expires=" + now.toUTCString();
        $("#feec").attr('src', 'img/feec.jpg');
    } else{
        document.cookie="foc=true; expires=" + now.toUTCString();
        $("#feec").attr('src', 'img/feec_onfire.gif');
    }
}
```

Customize

feec_onfire.gif

Aquesta web no representa cap negoci real. Forma part del treball pràctic d'una assignatura universitària. Per qualsevol dubte em podeu contactar a howna13@gmail.com

Customize

header

```
window.onload = function() {
    foc();
};


function foc(){
    valor = getValueCookie("foc");
    if(valor == "true"){
        $("#feec").attr('src', 'img/feec_onfire.gif');

    } else{
        $("#feec").attr('src', 'img/feec.jpg');
    }
}
```

ERRORS

Pàgina Inexistent

.htaccess

```
ErrorDocument 404 /error/404.html
```

404.html

```html
<h1>Error 404</h1>
<p>La pàgina que busques no existeix</p>
```

Error 404

La pàgina que busques no existeix

Control de Paràmetres

general.php

```php
function get_query_param($name) {
    if (!isset($_GET[$name])) {
        header("HTTP/1.1 400 Invalid Request");
        die("HTTP/1.1 400 Invalid Request: falta el
parametro necesario '$name'");
    }
    if ($_GET[$name] == "") {
        header("HTTP/1.1 400 Invalid Request");
        die("HTTP/1.1 400 Invalid Request: el parametro
'$name'    debe ser rellenado");
    }
    return $_GET[$name];
}
```

Control de Paràmetres

habitacio.php

```php
include 'core/init.php';
protect_page();
include 'includes/overall/header.php';
get_query_param('dia');
get_query_param('persones');
```

confirmar_reserva.php

```php
include 'core/init.php';
protect_page();
include 'includes/overall/header.php';
get_query_param('dia');
get_query_param('persones');
get_query_param('habitacio');
```

Entrega 8

CANVAS
DRAG AND DROP
GEOLOCATION
VIDEO

CANVAS

CANVAS

tarifes.php


```html
<canvas id="myCanvas" width="390" height="100"></canvas>

<script>
var c=document.getElementById ("myCanvas");
var ctx=c.getContext ("2d");
ctx.moveTo (10,50);
ctx.lineTo (390,50);
ctx.stroke();
</script>
```

DRAG & DROP

DRAG & DROP

header

```
function allowDrop(ev) {
    ev.preventDefault ();
}


function drag(ev) {
    ev.dataTransfer.setData ("text", ev.target.id);
}
function drop(ev) {
    ev.preventDefault ();
    var data = ev.dataTransfer.getData ("text");
    ev.target.appendChild (document.getElementById (data));
        document.getElementById ("i_"+data).value = "si";
}
```

DRAG & DROP

habitacio.php

```html
<div id="div1" ondrop="drop(event)" ondragover="allowDrop(event)">
    <ul>
        <li id="sopar" draggable="true" ondragstart="drag(event)"
            style="margin-left:10px;">Sopar</li>
        <li id="esmorzar" draggable="true" ondragstart="drag(event)"
            style="margin-left:10px;">Esmorzar</li>
        <li id="picnic" draggable="true" ondragstart="drag(event)"
            style="margin-left:10px;">Picnic</li>
    </ul>
</div>

<div id="div2" ondrop="drop(event)" ondragover="allowDrop(event)">
    <ul></ul>
</div>
```

REFUGI GAÏA, 3.310m.
Refugi d'Alta muntanya, Besaba, Aragó

FEEC

Habitació
Selecciona una habitació

Canigó - 10 llits disponibles de 10 ▾

Sopar
Esmorzar
Picnic

continuar

GEOLOCATION

GEOLOCATION

user.php

```
<script>
var x = document.getElementById("coordenades");

function getLocation() {
if (navigator.geolocation) {
navigator.geolocation.getCurrentPosition(showPosition);
} else {
x.innerHTML = "Geolocation is not supported by this browser.";
}
}

function showPosition(position) {
    $("#boto").remove();
    $("#coordenades").fadeIn("slow");

    x.innerHTML = "Latitude: " + position.coords.latitude +
"<br>Longitude: " + position.coords.longitude;
}
</script>
```

GEOLOCATION

user.php

```html
<button id="boto" style="margin-left:330px;margin-top:10px;"
onclick="getLocation()">Coordenades</button>

<p style="opacity: 0%; margin-left:300px;margin-top:10px;" id="
coordenades"></p>
```

VIDEO

VIDEO

tarifes.php

```
<video style="float:right;margin-right:39px;" width="400" controls>
<source src="video/video.mp4" type="video/mp4">
Your browser does not support HTML5 video.
</video>
```
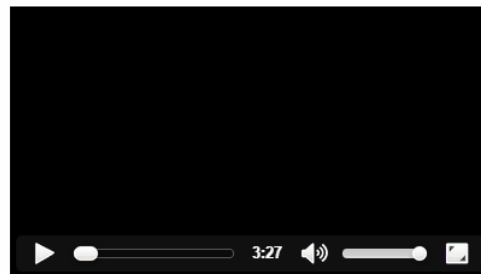
Tarifes

Pernoctació	17.00	€
Sopar (tres plats i postre)	18.00	€
Esmorzar	8.00	€
Picnic	11.00	€
Mitja pensió (pernocta, sopar i esmorzar)	43.00	€
Pensió Completa UIAA i convenis	54.00	€

3:27