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Group: A

TP3 Assignment

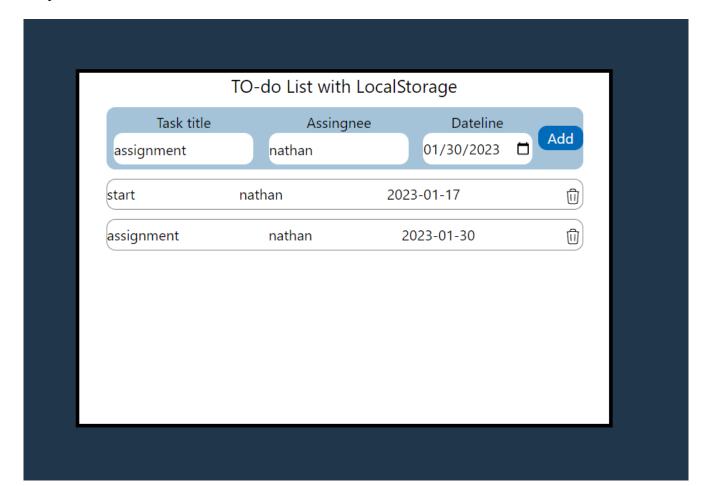
Git url: https://github.com/nmaury/TpsCambodge/tree/main/InternetProgramming/tp3

Ex01. Todo list with LocalStorage

```
<!DOCTYPE html>
       <link rel="stylesheet" href="tp3-01.css">
       <script src="https://cdn.tailwindcss.com"></script>
    <body style="background-color: ☐ #1C3144">
        <div class="container-menu">
           <div class="center bold text-x1">TO-do List with LocalStorage</div>
           <div class="menu">
                   <div>Task title</div>
                   <input class="input" id="title" name="title" placeholder=" Title">
                   <div>Assingnee</div>
                   <input class="input" id="assignee" name="assignee" placeholder="    John">
                   <div>Dateline</div>
                   <input class="input" id="dateline" type="date" name="dateline">
                   <button class="add">Add</putton>
           <div class="items"id="items-wrapper">
        <script>
            function addNewLine(title,assignee,dateline){
               const titleStorage = "line"+title;
                localStorage.setItem(titleStorage, JSON.stringify({title:title,assignee:assignee,dateline:dateline}))
               displayList();
           document.querySelector(".add").addEventListener('click', (e)=>{
               const title = document.getElementById("title").value;
               const assignee = document.getElementById("assignee").value;
               const dateline = document.getElementById("dateline").value;
                   alert("the title is missing");
                }else if(assignee===""){
                   alert("the assignee is missing")
                }else if(dateline===""){
```

```
| alert("the dateline is missing")
| place[
| addHewLine(title,assignee,dateline);
| }
| function displaylist()(
| van listContent =";
| const keys = Object.keys(localStorage);
| keys.fortant(keys)(
| item = 150N, parse(localStorage,getItem(key));
| item = 150N, parse(localStorage,getItem(key));
| itstontent_listContent = did v. class="item");
| divos(item.siss.jene)(divo) |
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| datus(item.siss.jene)(divo) |
| da
```

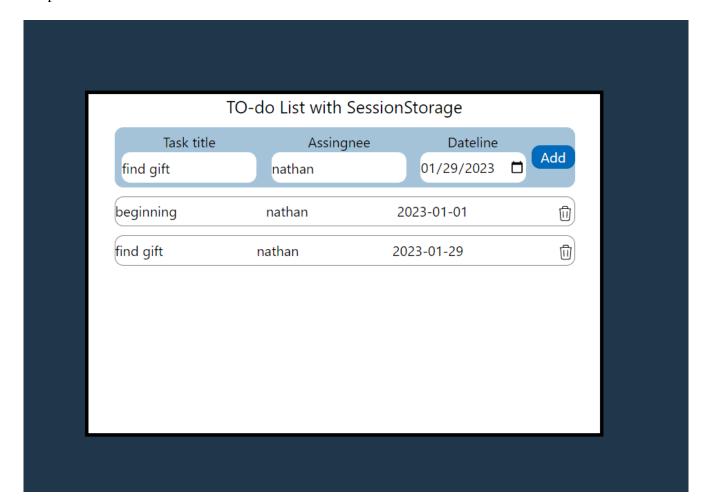
```
container-menu{
   position: absolute;
 top:50%;
 left:50%;
 transform: translate(-50%,-50%);
 width:600px;
 height:400px;
 background-color: ■#FFFFFF;
 border:solid □black 4px;
 text-align:center
.menu{
   width:90%;
   height:70px;
   background-color: ■#A0BFD6;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
   display:flex;
   justify-content: space-between;
   align-items: center;
.add{
   color: ■#FFFFFF;
   width:50px;
   height: 27px;
   background-color: ■#0164B5;
   border-radius: 10px;
.input{
   width: 90%;
   border-radius: 10px;
   height: 35px;
.item{
   border:solid ■grey 1px;
   width: 90%;
   height:35px;
   display:flex;
   justify-content: space-between;
   align-items: center;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
```



Ex02. Todo list with SessionStorage

```
<!DOCTYPE html>
       <link rel="stylesheet" href="tp3-02.css">
    <body style="background-color: ■#1C3144">
        <div class="container-menu">
           <div class="center bold text-x1">TO-do List with SessionStorage</div>
            <div class="menu">
                    <div>Task title</div>
                    <input class="input" id="title" name="title" placeholder=" Title">
                    <div>Assingnee</div>
                    <input class="input" id="assignee" name="assignee" placeholder="    John">
                    <div>Dateline</div>
                    <input class="input" id="dateline" type="date" name="dateline">
                    <button class="add">Add</button>
            <div class="items"id="items-wrapper">
            function addNewLine(title,assignee,dateline){
                const titleStorage = "line"+title;
                sessionStorage.setItem(titleStorage, JSON.stringify({title:title,assignee:assignee,dateline:dateline}))
               displayList();
            document.querySelector(".add").addEventListener('click', (e)=>{
                const title = document.getElementById("title").value;
                const assignee = document.getElementById("assignee").value;
                const dateline = document.getElementById("dateline").value;
                   alert("the title is missing");
                }else if(assignee===""){
    alert("the assignee is missing")
```

```
container-menu{
   position: absolute;
 top:50%;
 left:50%;
 transform: translate(-50%,-50%);
 width:600px;
 height:400px;
 background-color: ■#FFFFFF;
 border:solid □black 4px;
 text-align:center
.menu{
   width:90%;
   height:70px;
   background-color: ■ #A0BFD6;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
   display:flex;
   justify-content: space-between;
   align-items: center;
.add{
   color: #FFFFFF;
   width:50px;
   height: 27px;
   background-color: ■#0164B5;
   border-radius: 10px;
.input{
   width: 90%;
   border-radius: 10px;
   height: 35px;
.item{
   border:solid ■grey 1px;
   width: 90%;
   height:35px;
   display:flex;
   justify-content: space-between;
   align-items: center;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
```

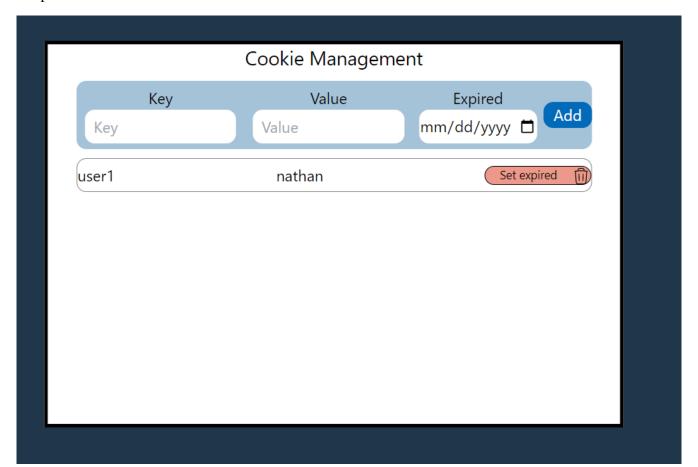


Ex03. Cookie

```
<!DOCTYPE html>
       <link rel="stylesheet" href="tp3-03.css">
        <script src="https://cdn.tailwindcss.com"></script>
   <body style="background-color: ■#1C3144">
        <div class="container-menu">
           <div class="center bold text-xl">Cookie Management</div>
           <div class="menu">
                   <div>Key</div>
                   <input class="input" id="key" name="key" placeholder=" Key">
                   <div>Value</div>
                   <input class="input" id="value" name="value" placeholder=" Value"> You, 12 hours ago *
                   <div>Expired</div>
                   <input class="input" id="dateline" type="date" name="dateline">
                   <button class="add">Add</button>
           <div class="items"id="items-wrapper">
           function addNewLine(key,value,dateline){
               const date = new Date(dateline);
               document.cookie= encodeURIComponent(key)+'='+encodeURIComponent(value)+"; path=/; expires="+date
               displayList();
           document.querySelector(".add").addEventListener('click', (e)=>{
               const key = document.getElementById("key").value;
               const value = document.getElementById("value").value;
               const dateline = document.getElementById("dateline").value;
               if(key===""){
                   alert("the title is missing");
               }else if(value===""){
```

```
| alart("the datalgme is missing")
| alart("the dataline is missing")
| alart("the dataline is missing")
| else
| sless if (dataline is missing")
| else
| sdided.line(key,value,dataline);
| journal interval in the interval inter
```

```
.container-menu{
   position: absolute;
 top:50%;
 left:50%;
 transform: translate(-50%,-50%);
 width:600px;
 height:400px;
 background-color: □#FFFFFF;
 border:solid □black 4px;
 text-align:center
.menu{
   width:90%;
   height:70px;
   background-color: ■#A0BFD6;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
   display:flex;
    justify-content: space-between;
   align-items: center;
.add{
   color: □#FFFFFF;
   width:50px;
   height: 27px;
   background-color: ■#0164B5;
   border-radius: 10px;
.input{
   width: 90%;
   border-radius: 10px;
   height: 35px;
.item{
   border:solid ■grey 1px;
   width: 90%;
   height:35px;
   display:flex;
    justify-content: space-between;
   align-items: center;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
```



Ex04. Book shop CRUD with Local storage

```
<!DOCTYPE html>
        <link rel="stylesheet" href="tp3-04.css">
        <div id="div-wrapper"class="div-wrapper">
            <div class="form-wrapper">
                <div>Name:</div>
                <input id="name"placeholder="c programming">
                <div>Category:</div>
                <input id="category"placeholder="coding">
                <div>Price:</div>
                <input id="price"placeholder="1.000 riels">
                <div><button class="add">Add</button>
            <div class="list-wrapper"id="list-wrapper">
               <!--<div class="changeInput"id="changeInput">
        <script>
            document.querySelector('.add').addEventListener('click',(e)=>{
                const name= document.getElementById('name').value;
                const category= document.getElementById('category').value;
                const price= document.getElementById('price').value;
                if(name===""){
                    alert("the name is missing");
                }else if(category===""){
                    alert("the category is missing")
                }else if(price===""){
                    alert("the price is missing")
                    addItem(name, category, price);
            function addItem(name, category, price){
                const titleStorage = "line"+encodeURIComponent(name);
                localStorage.setItem(titleStorage, JSON.stringify({name:name,category:category,price:price}));
```

```
displayItems():
function displayItems(){
   var listContent="";
    const keys = Object.keys(localStorage)
keys.forEach(key=>{
        item = JSON.parse(localStorage.getItem(key));
console.log(item)
        const name = encodeURIComponent(item.name);
listContent=listContent+`<div class="item">
         </div>
<div>Name: ${item.name}</div>
        <div>Category:${item.category}</div>
    });
docum
       .
cument.getElementById('list-wrapper').innerHTML=listContent;
function deleteClick(key){
  console.log(key);
    localStorage.removeItem(key);
    displayItems();
function changeName(key){
    const newDiv = document.createElement("div");
    newDiv.classList.add("changeInput");
const divText = document.createElement("div");
    const newContent = document.createTextNode("New name: ");
    divText.appendChild(newContent);
const inputChange = document.createElement("input");
    const button = document.createElement("button");
const buttonText = document.createTextNode("OK!");
   button.appendChild(buttonText);
button.addEventListener('click',(e)=>{
    if(inputChange.value===""){
        alert("the new name is empty!")
```

```
}else{
    const item = JSON.parse(localStorage.getItem(key));
    localStorage.setItem(key,JSON.stringify({name:inputChange.value,category:item.category,price:item.price}))
    newDiv.remove();
    displayItems();
    /*listItems.forEach(elt=>{
        if(encodeURIComponent(elt.name)===name){
            elt.name = encodeURIComponent(inputChange.value);
            newDiv.remove();
            displayItems();
        }
     });
    newDiv.appendChild(divText);
    newDiv.appendChild(inputChange);
    newDiv.appendChild(inputChange);
    newDiv.appendChild(inputChange);
    const currentDiv = document.getElementById('list-wrapper');
    document.getElementById('div-wrapper').insertBefore(newDiv,currentDiv);
    //document.getElementById('changeInput').value);
}

//script>

    //script>

    //script>

    //script>

    //script>

    //script>

    //script>

</pre
```

```
ontainer-menu{

position: absolute;
  left:50%;
  transform: translate(-50%,-50%);
 width:600px;
height:400px;
  background-color: ■#FFFFFF;
border:solid □black 4px;
  text-align:center
.menu{
width:90%;
    height:70px;
    background-color: ■#A0BFD6;
    border-radius: 10px;
margin-left: 30px;
    margin-top:10px;
    display:flex;
    justify-content: space-between; align-items: center;
    color: ■#FFFFF;
    height: 27px;
background-color: ■#0164B5;
    border-radius: 10px;
.input{
   width: 90%;
    border-radius: 10px;
    height: 35px;
    border:solid ■grey 1px;
width: 90%;
    height:35px;
     align-items: center;
    border-radius: 10px;
    margin-left: 30px;
    margin-top:10px;
```



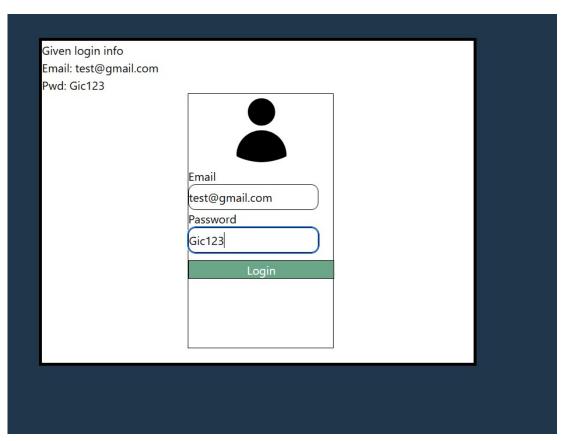
Ex05. Login Form with Cookie

```
!DOCTYPE html>
      <script src="https://cdn.tailwindcss.com"></script>
       <div id="loginPage" class="container-menu">
          <div>Given login info</div>
          <div>Email: test@gmail.com</div>
          <div>Pwd: Gic123</div>
               <div class="bold">Email</div>
                <input id="email"class="input"placeholder=" Enter email">
                <input id="password" class="input"placeholder=" Enter Password">
<button class="button" onclick="loginClick()">Login</button>
       <div>Keep refreshing your page</div>
<button class="logout" onclick="logOut()">Logout</button>
           function loginClick(){
               const againtrick(){
const email = document.getElementById("email").value;
const password = document.getElementById("password").value;
if((email==="test@gmail.com")&&(password==="Gic123")){
    if(!checkCookie(email)){
        cotCaptia(email)}
                    setCookie(email);
                    loadMainPage();
                     alert("wrong email or password!")
            function loadMainPage(){
    document.getElementById("loginPage").style.display="none";
    document.getElementById("mainPage").style.display="block";
```

```
function checkCookie(email){
   const cookies = document.cookie.split(";");
   cookies.forEach(c=>{
       if(c===email){
           return true;
   return false;
function setCookie(email){
   console.log(email)
   const d = new Date();
   d.setTime(d.getTime() + (30*1000));
   document.cookie = email+' ; path=/; expires='+d.toUTCString();
function logOut(){
   forcedExpiration();
   loadLoginPage();
function loadLoginPage(){
   document.getElementById("mainPage").style.display="none";
   document.getElementById("loginPage").style.display="block";
function forcedExpiration(){
   const d = new Date();
   d.setTime(d.getTime() - (30*1000));
   document.cookie = 'test@gmail.com ; path=/; expires='+d.toUTCString();
(function loop(){
   if(document.cookie===""){
       loadLoginPage();
       loadMainPage();
   setTimeout(loop,1000/30);
You, 12 hours ago • internet programming
})();
```

```
.container-menu{
   position: absolute;
 top:50%;
 left:50%;
 transform: translate(-50%,-50%);
 width:600px;
 height:450px;
 background-color: ■#FFFFFF;
 border:solid □black 4px;
.menu{
   width:90%;
   height:70px;
   background-color: ■ #A0BFD6;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
   display:flex;
   justify-content: space-between;
   align-items: center;
.add{
   color: ■#FFFFFF;
   width:50px;
   height: 27px;
   background-color: #0164B5;
   border-radius: 10px;
.input{
   width: 90%;
   border-radius: 10px;
   height: 35px;
.item{
   border:solid ■grey 1px;
   width: 90%;
   height:35px;
   display:flex;
    justify-content: space-between;
   align-items: center;
   border-radius: 10px;
   margin-left: 30px;
   margin-top:10px;
```

```
.loginForm{
   width: 200px;
   height:350px;
   border:solid □black 1px;
   margin-left: 200px;
.input{
   border: solid □black 1px;
.button{
   border: solid □black 1px;
   width:200px;
   margin-top: 10px;
   background-color: ■#66A182;
   color: □#FFFFFF;
.logout{
   width: 100px;
   border:solid □black 1px;
   background-color: □#646165;
   color: ■#FFFFFF; You, 12 hou
```



Welcome to Home Page You will be automatically logged out after 30 seconds Keep refreshing your page Logout