Logical scheme for Deskbooking app.
Project realised by Lovasz Norbert

arrayOfDates = [CalendarObject1, CalendarObject2 .... CalendarObjectN]

Array of Objects

CalendarObjectN

Object

.date

String

.isTableAvailable

dictionary

```
{  1: true,
   2: true,
   3: true,
   4: true,
   5: true,
   6: true,
   7: true,
   8: true  }
```

.usedBy

dictionary

```
{  1: "Free",
   2: "Free ",
   3: "Free ",
   4: "Free ",
   5: "Free ",
   6: "Free ",
   7: "Free ",
   8: "Free " }
```

#datePicker

HTML Inpunt
- onchange event trigers getDate() function

getDate()

Function()

- Reads string from Input

- Sends string to createCalendarObject()

createCalendarObject()

Function()

- Creates object element from string

- checks for duplicates in string

- appends object to arrayOfDates

-calles officeRender() function

officeRender()

-removes previously rendered nodes via clearContent**()** function

- Searches for selected date in arrayOfDates

-extracts relevant data for **oneTableRender()** function (int, bool, string)

-renders offce layout by creating div elements with different css class syles:
- .masaLibera
- .masaOcupata
- .placeholder
- office layout is redered in two divs, each representing one line of desks

clearContent()

HTML content with following classes are removed:
.masaLibera,
.masaOcupata,
.placeholder,
.topLine,
.bottomLine

oneTableRender()

- prepares HTML node with:
  - div element,
  - div class
  - div ID,
  - text content
- returns HTML node (**noteToAdd**)

renderplaceholder()

-for simulating spaces between tables placeholders, or "empty space divs" are introduced by countin the already rendered desks
- prepares HTML node with div class

unselectTable()

- class ".masaSelectata" is automatically removed, once the table modal is closed

clickElement()

- gets table element ID when clicked in Browser
- toggles class: .massaSelectada
- Opens #tableModal

generateDeskModalInfo()

- generetes HTML for the Modal according to: number of selected desk; selected date and login status

- According to this three parameters we generate:
  - Header
  - Guest content
  - User content

generateHeader()

- desk number, availability and name of user who made reservation are displayed

generateGuestContent()

- Selected date is displayed
- Status is displayed
- No buttons are dispayed

generateUserContent()

- Selected date is displayed
- Status is displayed
- Book/ Cancel reservation buttons are displayed

renderManager.js

arrayOfUsers = [UserObject1, UserObject2 .... UserObjectN]

Array of Objects

UserObjectN

Object

.user

String

.password

String

clearSignInData()

- clears previously introduced userdata from Modal

#menuLogIn

HTMLbuttom
- onlick event trigers: clearSignInData()

-onclick event opens: #logInModal

#logInModal

Input for:
- #userName
- #userPass
- onclick event on #modalSignIn button triggers userLogIn() function

userLogIn()

- Compares introduced user and pass with data in arrayOfUsers

- When Data correct: #menuLogIn, #menuSignUp buttons become inactive ; #menuSignOut button becomes active () by toggleing .hidden css style

-onclick event for #menuSignOut button triggers signOut() function

- sets variable **isSuccesfullyLogedIn TRUE**

- returns **logedInUser**

signOut()

- When button clicked: #menuLogIn, #menuSignUp buttons become active ; #menuSignOut button becomes inactive

- sets variable **isSuccesfullyLogedIn FALSE**

- clears **logedInUser**

clearSignUpData()

- clears previously introduced userdata from Modal

#menuSignUp

HTMLbuttom
- onlick event trigers: clearSignUpData()

-onclick event opens: #lsignUpModal

#signUpModal

Input for:
#newUserName
#signUpPass1
#signUpPass2
- onclick event on #modalSignUp button triggers signUp() function

signUp()

- Checks if User exeist in arrayOfUsers
- checks passwords to match.
- creates new userObject
- appends new userObject into arrayOfUsers

loginManager.js

BBHT Solutions
in cooperation with OVSoftware

Lorem Ipsum Lorem Ipsum Lorem Ipsum

Welcome **User3** Sign out

Working from office is fun!

Choose the date to check available desks.

12/07/2022

#1 Test	#2 Free	#3 Free		#7 Free
#4 User3	#5 Free	#6 Free		#8 Free

How to:

- 1. Log In with existing credentials: User1..User6; Pass: User1..User6
- 2. When needed register with new User
- 3. Select date: 12-18.07 are available for testing
- 4. Click on desk
- 5. Manage booking
  - free desks can be reserved
  - your own rerevations can be canceled

Live feed with fun statistics

Did you know: The most booked day of the week is Thursday?

Did you know: Alex will be in office on this Friday?

index.html