**5. Приложение на първичен код на системата**

**5.1 Front – End (Клиентска част)**

**5.1.1 Index.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="Style.css">

<script type="text/javascript" src="Libraries/Client.js">

</script>

<title>

Holidays

</title>

</head>

<body onload="Index\_OnLoad()">

<div class="page">

<div class="mainTopPanel">

<div class="mainTopPanelContainer">

<span class="mainTopPanelButton">

<a href="Index.html">

<img src="Pictures/Buttons/ButtonHome.png" alt="Home" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonHome\_OnMouseEnter(this);" onmouseleave="ButtonHome\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Web/Search.html">

<img src="Pictures/Buttons/ButtonSearch.png" alt="Search" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonSearch\_OnMouseEnter(this);" onmouseleave="ButtonSearch\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Web/ContactUs.html">

<img src="Pictures/Buttons/ButtonContactUs.png" alt="Contact Us" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonContactUs\_OnMouseEnter(this);" onmouseleave="ButtonContactUs\_OnMouseLeave(this);">

</a>

</span>

</span>

</span>

</div>

</div>

<div class="pageContent">

<table style="width: 100%;

border: 0px;

text-align: center;">

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td style="width: 49.5%">

<table id="tableHoliday1">

<tr>

<td>

<img id="imgHoliday1" alt="imgHoliday1" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday1" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday1" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

<td>

<span style="visibility: hidden">

Space

</span>

</td>

<td style="width: 49.5%">

<table id="tableHoliday2">

<tr>

<td>

<img id="imgHoliday2" alt="imgHoliday2" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday2" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday2" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td>

<span style="visibility: hidden">

Space

</span>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<td style="width: 49.5%">

<table id="tableHoliday3">

<tr>

<td>

<img id="imgHoliday3" alt="imgHoliday3" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday3" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday3" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

<td>

<span style="visibility: hidden">

Space

</span>

</td>

<td style="width: 49.5%">

<table id="tableHoliday4">

<tr>

<td>

<img id="imgHoliday4" alt="imgHoliday4" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday4" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday4" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td>

<span style="visibility: hidden">

Space

</span>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td style="width: 49.5%">

<table id="tableHoliday5">

<tr>

<td>

<img id="imgHoliday5" alt="imgHoliday5" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday5" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday5" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

<td>

<span style="visibility: hidden">

Space

</span>

</td>

<td style="width: 49.5%">

<table id="tableHoliday6">

<tr>

<td>

<img id="imgHoliday6" alt="imgHoliday6" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday6" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday6" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

</table>

<!-- ------------------------------------------------------------------------------- -->

<table style="padding-left: 42%; padding-top: 5%; border: 0px;">

<tr>

<td>

<img id="imgPreviousPage" alt="imgPreviousPage" src="Pictures/Buttons/ButtonArrowLeft-Grey.png" style="width: auto;

height: auto;

border: 0;">

</td>

<td>

<span id="spanCurrentPage">

</span>

</td>

<td>

<img id="imgNextPage" alt="imgNextPage" src="Pictures/Buttons/ButtonArrowRight-Grey.png" style="width: auto;

height: auto;

border: 0;">

</td>

</tr>

</table>

<!-- ------------------------------------------------------------------------------- -->

</div>

</div>

<div class="rightBanner">

<div class="rightBannerMiddleLeft">

<a href="Web/Register.html" id="buttonRegister">

<img src="Pictures/Buttons/ButtonRegister.png" alt="Register" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonRegister\_OnMouseEnter(this);" onmouseleave="ButtonRegister\_OnMouseLeave(this);">

</a>

<span id="spanUserNames" style="display: none;">

User Names

</span>

</div>

<div class="rightBannerMiddleRight">

<a href="Web/Login.html" id="buttonLogin">

<img src="Pictures/Buttons/ButtonLogIn.png" alt="LogIn" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogin\_OnMouseEnter(this);" onmouseleave="ButtonLogin\_OnMouseLeave(this);">

</a>

<a href="Index.html" id="buttonLogout" onclick="Logout()" style="display: none">

<img src="Pictures/Buttons/ButtonLogOut.png" alt="LogOut" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogout\_OnMouseEnter(this);" onmouseleave="ButtonLogout\_OnMouseLeave(this);">

</a>

</div>

</div>

</body>

</html>

**5.1.2 Search.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../Style.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<script type="text/javascript" src="../Libraries/Client.js">

</script>

<title>

Holidays - Search

</title>

</head>

<body onload="Search\_OnLoad()">

<div class="page">

<div class="mainTopPanel">

<div class="mainTopPanelContainer">

<span class="mainTopPanelButton">

<a href="../Index.html">

<img src="../Pictures/Buttons/ButtonHome.png" alt="Home" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonHome\_OnMouseEnter(this);" onmouseleave="ButtonHome\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Search.html">

<img src="../Pictures/Buttons/ButtonSearch.png" alt="Search" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonSearch\_OnMouseEnter(this);" onmouseleave="ButtonSearch\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="ContactUs.html">

<img src="../Pictures/Buttons/ButtonContactUs.png" alt="Contact Us" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonContactUs\_OnMouseEnter(this);" onmouseleave="ButtonContactUs\_OnMouseLeave(this);">

</a>

</span>

</span>

</span>

</div>

</div>

<div class="pageContent">

<h1>

Search:

</h1>

<table style="width: 98%; border: 0px;">

<tr>

<td style="width: 95%">

<input class="form-control"

id="inputSearch" type="text" size="100%" maxlength="70" pattern="[A-Za-z0-9А-Яа-я.\_-]{1,70}" title="1-70 characters: letters, numbers .\_-"

required>

</td>

<td style="width: 5%">

<input class="btn btn-secondary" name="buttonSearch" type="button" value="Search" style="min-width: 80px;

width: 100%;

margin-left: 2%;" onclick="Search()">

</td>

</tr>

</table>

<table style="width: 100%;

padding-top: 2%;

border: 0px;

text-align: center;">

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td style="width: 45.5%">

<table id="tableHoliday1">

<tr>

<td>

<img id="imgHoliday1" alt="imgHoliday1" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday1" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday1" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

<td>

<span style="visibility: hidden">

Adding space

</span>

</td>

<td style="width: 45.5%">

<table id="tableHoliday2">

<tr>

<td>

<img id="imgHoliday2" alt="imgHoliday2" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday2" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday2" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td>

<span style="visibility: hidden">

Adding space

</span>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td style="width: 45.5%">

<table id="tableHoliday3">

<tr>

<td>

<img id="imgHoliday3" alt="imgHoliday3" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday3" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday3" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

<td>

<span style="visibility: hidden">

Adding space

</span>

</td>

<td style="width: 45.5%">

<table id="tableHoliday4">

<tr>

<td>

<img id="imgHoliday4" alt="imgHoliday4" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday4" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday4" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td>

<span style="visibility: hidden">

Adding space

</span>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

<tr>

<td style="width: 45.5%">

<table id="tableHoliday5">

<tr>

<td>

<img id="imgHoliday5" alt="imgHoliday5" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday5" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday5" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

<td>

<span style="visibility: hidden">

Adding space

</span>

</td>

<td style="width: 45.5%">

<table id="tableHoliday6">

<tr>

<td>

<img id="imgHoliday6" alt="imgHoliday6" style="width: 100%;

height: auto;

border: 0;

visibility: hidden;">

</td>

</tr>

<tr>

<td>

<span id="priceHoliday6" class="priceStyle" style="visibility: hidden;">

</span>

</td>

</tr>

<tr>

<td>

<span id="shortDescriptionHoliday6" class="shortDescriptionStyle" style="visibility: hidden;">

</span>

</td>

</tr>

</table>

</td>

</tr>

<!-- ------------------------------------------------------------------------------- -->

</table>

<!-- ------------------------------------------------------------------------------- -->

<table style="padding-left: 42%;

padding-top: 5%;

border: 0px;">

<tr>

<td>

<img id="imgPreviousPage" alt="imgPreviousPage" src="../Pictures/Buttons/ButtonArrowLeft-Grey.png" style="width: auto;

height: auto;

border: 0;">

</td>

<td>

<span id="spanCurrentPage">

</span>

</td>

<td>

<img id="imgNextPage" alt="imgNextPage" src="../Pictures/Buttons/ButtonArrowRight-Grey.png" style="width: auto;

height: auto;

border: 0;">

</td>

</tr>

</table>

<!-- ------------------------------------------------------------------------------- -->

</div>

</div>

<div class="rightBanner">

<div class="rightBannerMiddleLeft">

<a href="Register.html" id="buttonRegister">

<img src="../Pictures/Buttons/ButtonRegister.png" alt="Register" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonRegister\_OnMouseEnter(this);" onmouseleave="ButtonRegister\_OnMouseLeave(this);">

</a>

<span id="spanUserNames" style="display: none">

User Names

</span>

</div>

<div class="rightBannerMiddleRight">

<a href="Login.html" id="buttonLogin">

<img src="../Pictures/Buttons/ButtonLogIn.png" alt="LogIn" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogin\_OnMouseEnter(this);" onmouseleave="ButtonLogin\_OnMouseLeave(this);">

</a>

<a href="Search.html" id="buttonLogout" onclick="Logout()" style="display: none">

<img src="../Pictures/Buttons/ButtonLogOut.png" alt="LogOut" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogout\_OnMouseEnter(this);" onmouseleave="ButtonLogout\_OnMouseLeave(this);">

</a>

</div>

</div>

<script src="https://code.jquery.com/jquery-3.2.1.slim.min.js" integrity="sha384-KJ3o2DKtIkvYIK3UENzmM7KCkRr/rE9/Qpg6aAZGJwFDMVNA/GpGFF93hXpG5KkN" crossorigin="anonymous"></script>

<script src="https://cdnjs.cloudflare.com/ajax/libs/popper.js/1.12.9/umd/popper.min.js" integrity="sha384-ApNbgh9B+Y1QKtv3Rn7W3mgPxhU9K/ScQsAP7hUibX39j7fakFPskvXusvfa0b4Q" crossorigin="anonymous"></script>

<script src="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/js/bootstrap.min.js" integrity="sha384-JZR6Spejh4U02d8jOt6vLEHfe/JQGiRRSQQxSfFWpi1MquVdAyjUar5+76PVCmYl" crossorigin="anonymous"></script>

</body>

</html>

**5.1.3 Register.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../Style.css">

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<script type="text/javascript" src="../Libraries/Client.js">

</script>

<title>

Holidays - Register

</title>

</head>

<body>

<div class="page">

<div class="mainTopPanel">

<div class="mainTopPanelContainer">

<span class="mainTopPanelButton">

<a href="../Index.html">

<img src="../Pictures/Buttons/ButtonHome.png" alt="Home" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonHome\_OnMouseEnter(this);" onmouseleave="ButtonHome\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Search.html">

<img src="../Pictures/Buttons/ButtonSearch.png" alt="Search" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonSearch\_OnMouseEnter(this);" onmouseleave="ButtonSearch\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="ContactUs.html">

<img src="../Pictures/Buttons/ButtonContactUs.png" alt="Contact Us" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonContactUs\_OnMouseEnter(this);" onmouseleave="ButtonContactUs\_OnMouseLeave(this);">

</a>

</span>

</span>

</span>

</div>

</div>

<div class="pageContent">

<h1>

Register:

</h1>

<table style="width: 100%;

border: 0px">

<tr>

<td style="width: 33%;">

<span style="color: red">\*</span>Username:

<br>

<input class="form-control" id="inputUsername" type="text" size="33%" maxlength="20" pattern="[A-Za-z0-9.\_-]{4,20}" title="4-20 characters: letters, numbers .\_-"

required>

<br>

<br>

</td>

<td style="width: 33%;">

<span style="color: red">\*</span>First name:

<br>

<input class="form-control" id="inputFirstName" type="text" size="33%" maxlength="44" pattern="[A-Za-z]{4,44}" title="4-44 letters." required>

<br>

<br>

</td>

<td style="width: 33%;">

<span style="color: red">\*</span>Country:

<br>

<input class="form-control" id="inputCountry" type="text" size="33%" maxlength="44" pattern="[A-Za-z]{4,44}" title="4-44 letters" required>

<br>

<br>

</td>

</tr>

<tr>

<td style="width: 33%;">

<span style="color: red">\*</span>Password:

<br>

<input class="form-control" id="inputPassword" type="password" size="33%" maxlength="30" pattern="(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{6,30}" title="6-30 characters: At least one capital letter, at least one small letter and at least one number."

required>

<br>

<br>

</td>

<td style="width: 33%;">

Surname:

<br>

<input class="form-control" id="inputSurname" type="text" size="33%" maxlength="44" pattern="[A-Za-z]{4,44}" title="4-44 letters.">

<br>

<br>

</td>

<td style="width: 33%;">

<span style="color: red">\*</span>Town:

<br>

<input class="form-control" id="inputTown" type="text" size="33%" maxlength="44" pattern="[A-Za-z]{4,44}" title="4-44 letters" required>

<br>

<br>

</td>

</tr>

<tr>

<td style="width: 33%;">

<span style="color: red">\*</span>E-mail:

<br>

<input class="form-control" id="inputEmail" type="email" size="33%" maxlength="49" pattern="[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$" title="(small letters, numbers .\_%+-)@(small letters, numbers .-).(2 or 3 small letters)."

required>

<br>

<br>

</td>

<td style="width: 33%;">

<span style="color: red">\*</span>Last name:

<br>

<input class="form-control" id="inputLastName" type="text" size="33%" maxlength="44" pattern="[A-Za-z]{4,44}" title="4-44 letters." required>

<br>

<br>

</td>

<td style="width: 33%;">

<span style="color: red">\*</span>Address:

<br>

<input class="form-control" id="inputAddress" type="text" size="33%" maxlength="199" pattern="[A-Za-z]{4,199}" title="4-199 letters" required>

<br>

<br>

</td>

</tr>

<tr>

<td style="width: 33%;">

</td>

<td style="width: 33%;">

<span style="visibility: hidden">

Adding space

</span>

</td>

<td style="width: 33%;">

</td>

</tr>

<tr>

<td style="width: 33%;">

</td>

<td style="width: 33%;">

<input class="btn btn-primary" name="buttonRegister" type="button" value="Register" style="min-width: 100px;

margin-left: 20%;

width: 30%;" onclick="Register()">

</td>

<td style="width: 33%;">

</td>

</tr>

</table>

</div>

</div>

<div class="rightBanner">

<div class="rightBannerMiddleLeft">

<a href="Register.html" id="buttonRegister">

<img src="../Pictures/Buttons/ButtonRegister.png" alt="Register" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonRegister\_OnMouseEnter(this);" onmouseleave="ButtonRegister\_OnMouseLeave(this);">

</a>

<span id="spanUserNames" style="display: none">

User Names

</span>

</div>

<div class="rightBannerMiddleRight">

<a href="Login.html" id="buttonLogin">

<img src="../Pictures/Buttons/ButtonLogIn.png" alt="LogIn" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogin\_OnMouseEnter(this);" onmouseleave="ButtonLogin\_OnMouseLeave(this);">

</a>

<a href="Register.html" id="buttonLogout" onclick="Logout()" style="display: none">

<img src="../Pictures/Buttons/ButtonLogOut.png" alt="LogOut" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogout\_OnMouseEnter(this);" onmouseleave="ButtonLogout\_OnMouseLeave(this);">

</a>

</div>

</div>

</body>

</html>

**5.1.4 Login.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../Style.css">

<script type="text/javascript" src="../Libraries/Client.js">

</script>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<title>

Holidays - Login

</title>

</head>

<body>

<div class="page">

<div class="mainTopPanel">

<div class="mainTopPanelContainer">

<span class="mainTopPanelButton">

<a href="../Index.html">

<img src="../Pictures/Buttons/ButtonHome.png" alt="Home" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonHome\_OnMouseEnter(this);" onmouseleave="ButtonHome\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Search.html">

<img src="../Pictures/Buttons/ButtonSearch.png" alt="Search" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonSearch\_OnMouseEnter(this);" onmouseleave="ButtonSearch\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="ContactUs.html">

<img src="../Pictures/Buttons/ButtonContactUs.png" alt="Contact Us" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonContactUs\_OnMouseEnter(this);" onmouseleave="ButtonContactUs\_OnMouseLeave(this);">

</a>

</span>

</span>

</span>

</div>

</div>

<div class="pageContent">

<h1>

Login:

</h1>

<span id="message" style="visibility: hidden">

message

<br>

</span>

<table style="width: 70%;

border: 0px;">

<tr>

<td style="width: 33%;">

Username:

<br>

<input class="form-control" id="inputUsername" type="text" size="33%" maxlength="20" pattern="[A-Za-z0-9.\_-]{4,20}" title="4-20 characters: letters, numbers .\_-"

required>

<br>

<br>

</td>

<td style="width: 1%;">

</td>

<td style="width: 33%;">

Password:

<br>

<input class="form-control" id="inputPassword" type="password" size="33%" maxlength="30" pattern="(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{6,30}" title="6-30 characters: At least one capital letter, at least one small letter and at least one number."

required>

<br>

<br>

</td>

</tr>

<tr>

<td colspan="3">

<span style="visibility: hidden">

Adding space

</span>

</td>

</tr>

<tr>

<td colspan="3">

<input class="btn btn-primary" name="buttonLogin" type="submit" value="Login" style="min-width: 100px;

width: 15%;

margin-left: 35%;" onclick="Login()">

</td>

</tr>

</table>

</div>

</div>

<div class="rightBanner">

<div class="rightBannerMiddleLeft">

<a href="Register.html" id="buttonRegister">

<img src="../Pictures/Buttons/ButtonRegister.png" alt="Register" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonRegister\_OnMouseEnter(this);" onmouseleave="ButtonRegister\_OnMouseLeave(this);">

</a>

<span id="spanUserNames" style="display: none">

User Names

</span>

</div>

<div class="rightBannerMiddleRight">

<a href="Login.html" id="buttonLogin">

<img src="../Pictures/Buttons/ButtonLogIn.png" alt="LogIn" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogin\_OnMouseEnter(this);" onmouseleave="ButtonLogin\_OnMouseLeave(this);">

</a>

<a href="Login.html" id="buttonLogout" onclick="Logout()" style="display: none">

<img src="../Pictures/Buttons/ButtonLogOut.png" alt="LogOut" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogout\_OnMouseEnter(this);" onmouseleave="ButtonLogout\_OnMouseLeave(this);">

</a>

</div>

</div>

</body>

</html>

**5.1.5 HolydayInfo.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../Style.css">

<script type="text/javascript" src="../Libraries/Client.js">

</script>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<title>

Holidays - Info

</title>

</head>

<body onload="HolidayInfo\_OnLoad();" onresize="HolidayInfo\_OnResize();">

<div class="page">

<div class="mainTopPanel">

<div class="mainTopPanelContainer">

<span class="mainTopPanelButton">

<a href="../Index.html">

<img class="rounded" src="../Pictures/Buttons/ButtonHome.png" alt="Home" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonHome\_OnMouseEnter(this);" onmouseleave="ButtonHome\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Search.html">

<img class="rounded" src="../Pictures/Buttons/ButtonSearch.png" alt="Search" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonSearch\_OnMouseEnter(this);" onmouseleave="ButtonSearch\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="ContactUs.html">

<img class="rounded" src="../Pictures/Buttons/ButtonContactUs.png" alt="Contact Us" onmouseenter="ButtonContactUs\_OnMouseEnter(this);" onmouseleave="ButtonContactUs\_OnMouseLeave(this);">

</a>

</span>

</span>

</span>

</div>

</div>

<div class="pageContent">

<table style="width: 100%;

border: 0px;">

<tr>

<td style="height: 100px;

width: auto;

text-align: center;" colspan="3">

<img class="rounded" id="imgHoliday" alt="imgHoliday" style="width: auto;

height: 90%;

border: 0;">

</td>

</tr>

<tr>

<td style="padding-left: 40%;" colspan="3">

<span>

<img class="rounded" id="imgPreviousImage" alt="imgPreviousImage" src="../Pictures/Buttons/ButtonArrowLeft-Grey.png" style="width: auto;

height: auto;

border: 0;"> &nbsp;

<span id="spanCurrentImage">

</span>

&nbsp;

<img class="rounded" id="imgNextImage" alt="imgNextImage" src="../Pictures/Buttons/ButtonArrowRight-Grey.png" style="width: auto;

height: auto;

border: 0;">

</span>

</td>

</tr>

<tr>

<td style="width: 100%;

text-align: center;" colspan="3">

<h2 id="holidayTitle">

</h2>

</td>

</tr>

<tr>

<td style="text-align: left;">

<span id="spanLikesCount" class="voteStyle">

</span>

<img class="rounded" id="imgButtonLike" src="../Pictures/Buttons/ButtonLike\_BW.png" alt="Like" style="width: auto;

height: auto;

border: 0;">

<span id="spanDislikesCount" class="voteStyle">

</span>

<img class="rounded" id="imgButtonDislike" src="../Pictures/Buttons/ButtonDislike\_BW.png" alt="Dislike" style="width: auto;

height: auto;

border: 0;">

</td>

<td style="text-align: center;">

<span id="spanPrice" class="priceStyle">

</span>

</td>

<td style="text-align: left;">

<img class="rounded" id="imgButtonBuy" src="../Pictures/Buttons/ButtonBuy.png" alt="Buy" style="width: auto;

height: auto;

border: 0;" onclick="HolidayInfo\_ButtonBuy\_OnClick();" onmouseenter="HolidayInfo\_ButtonBuy\_OnMouseEnter(this);"

onmouseleave="HolidayInfo\_ButtonBuy\_OnMouseLeave(this);">

</td>

</tr>

<tr>

<td colspan="3">

<span id="spanErrorVote" class="errorStyle">

Error! You must

<a href="Register.html">Register</a>, or

<a href="Login.html">Login</a>, before you can vote, buy or comment a holiday!

</span>

<td>

</tr>

<tr>

<td style="width: 100%;" colspan="3">

<pre class="mb-0" id="preDescription" style="width: 100%;

font-size: 1.15em;">

</pre>

<br>

<pre class="mb-0" id="preTimeLimit">

</pre>

</td>

</tr>

<tr>

<td style="width: 100%;

text-align: center;" colspan="3">

<span id="spanErrorComments" class="errorStyle">

Error! You must

<a href="Register.html">Register</a>, or

<a href="Login.html">Login</a>, before you can vote, buy or comment a holiday!

</span>

</td>

</tr>

<tr>

<td style="width: 100%;

text-align: center;" colspan="3">

<span id="commentsCount">

</span>

</td>

</tr>

<tr>

<td colspan="2" style="padding-left: 10%;

width: 80%;">

<textarea class="form-control" id="taComment" placeholder="Write your comment here..."></textarea>

</td>

<td style="text-align: center;

width: 20%;">

<img class="rounded" id="imgButtonComment" src="../Pictures/Buttons/ButtonComment.png" alt="Comment" style="width: auto;

height: auto;

border: 0;

margin-right: 10%;

vertical-align: top;" onclick="HolidayInfo\_ButtonComment\_OnClick();" onmouseenter="HolidayInfo\_ButtonComment\_OnMouseEnter(this);"

onmouseleave="HolidayInfo\_ButtonComment\_OnMouseLeave(this);">

</td>

</tr>

</table>

<table id="tableComments">

</table>

</div>

</div>

<div class="rightBanner">

<div class="rightBannerMiddleLeft">

<a href="Register.html" id="buttonRegister">

<img class="rounded" src="../Pictures/Buttons/ButtonRegister.png" alt="Register" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonRegister\_OnMouseEnter(this);" onmouseleave="ButtonRegister\_OnMouseLeave(this);">

</a>

<span id="spanUserNames" style="display: none">

User Names

</span>

</div>

<div class="rightBannerMiddleRight">

<a href="Login.html" id="buttonLogin">

<img class="rounded" src="../Pictures/Buttons/ButtonLogIn.png" alt="LogIn" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogin\_OnMouseEnter(this);" onmouseleave="ButtonLogin\_OnMouseLeave(this);">

</a>

<a href="HolidayInfo.html" id="buttonLogout" onclick="Logout()" style="display: none">

<img class="rounded" src="../Pictures/Buttons/ButtonLogOut.png" alt="LogOut" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogout\_OnMouseEnter(this);" onmouseleave="ButtonLogout\_OnMouseLeave(this);">

</a></div>

</div>

</body>

</html>

**5.1.6 ContactUs.html**

<!DOCTYPE html>

<html>

<head>

<meta charset="UTF-8">

<meta name="viewport" content="width=device-width, initial-scale=1.0">

<link rel="stylesheet" href="../Style.css">

<script type="text/javascript" src="../Libraries/Client.js">

</script>

<link rel="stylesheet" href="https://maxcdn.bootstrapcdn.com/bootstrap/4.0.0/css/bootstrap.min.css" integrity="sha384-Gn5384xqQ1aoWXA+058RXPxPg6fy4IWvTNh0E263XmFcJlSAwiGgFAW/dAiS6JXm" crossorigin="anonymous">

<title>

Holidays - Info

</title>

</head>

<body onload="HolidayInfo\_OnLoad();" onresize="HolidayInfo\_OnResize();">

<div class="page">

<div class="mainTopPanel">

<div class="mainTopPanelContainer">

<span class="mainTopPanelButton">

<a href="../Index.html">

<img class="rounded" src="../Pictures/Buttons/ButtonHome.png" alt="Home" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonHome\_OnMouseEnter(this);" onmouseleave="ButtonHome\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="Search.html">

<img class="rounded" src="../Pictures/Buttons/ButtonSearch.png" alt="Search" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonSearch\_OnMouseEnter(this);" onmouseleave="ButtonSearch\_OnMouseLeave(this);">

</a>

<span class="mainTopPanelButton">

<a href="ContactUs.html">

<img class="rounded" src="../Pictures/Buttons/ButtonContactUs.png" alt="Contact Us" onmouseenter="ButtonContactUs\_OnMouseEnter(this);" onmouseleave="ButtonContactUs\_OnMouseLeave(this);">

</a>

</span>

</span>

</span>

</div>

</div>

<div class="pageContent">

<table style="width: 100%;

border: 0px;">

<tr>

<td style="height: 100px;

width: auto;

text-align: center;" colspan="3">

<img class="rounded" id="imgHoliday" alt="imgHoliday" style="width: auto;

height: 90%;

border: 0;">

</td>

</tr>

<tr>

<td style="padding-left: 40%;" colspan="3">

<span>

<img class="rounded" id="imgPreviousImage" alt="imgPreviousImage" src="../Pictures/Buttons/ButtonArrowLeft-Grey.png" style="width: auto;

height: auto;

border: 0;"> &nbsp;

<span id="spanCurrentImage">

</span>

&nbsp;

<img class="rounded" id="imgNextImage" alt="imgNextImage" src="../Pictures/Buttons/ButtonArrowRight-Grey.png" style="width: auto;

height: auto;

border: 0;">

</span>

</td>

</tr>

<tr>

<td style="width: 100%;

text-align: center;" colspan="3">

<h2 id="holidayTitle">

</h2>

</td>

</tr>

<tr>

<td style="text-align: left;">

<span id="spanLikesCount" class="voteStyle">

</span>

<img class="rounded" id="imgButtonLike" src="../Pictures/Buttons/ButtonLike\_BW.png" alt="Like" style="width: auto;

height: auto;

border: 0;">

<span id="spanDislikesCount" class="voteStyle">

</span>

<img class="rounded" id="imgButtonDislike" src="../Pictures/Buttons/ButtonDislike\_BW.png" alt="Dislike" style="width: auto;

height: auto;

border: 0;">

</td>

<td style="text-align: center;">

<span id="spanPrice" class="priceStyle">

</span>

</td>

<td style="text-align: left;">

<img class="rounded" id="imgButtonBuy" src="../Pictures/Buttons/ButtonBuy.png" alt="Buy" style="width: auto;

height: auto;

border: 0;" onclick="HolidayInfo\_ButtonBuy\_OnClick();" onmouseenter="HolidayInfo\_ButtonBuy\_OnMouseEnter(this);"

onmouseleave="HolidayInfo\_ButtonBuy\_OnMouseLeave(this);">

</td>

</tr>

<tr>

<td colspan="3">

<span id="spanErrorVote" class="errorStyle">

Error! You must

<a href="Register.html">Register</a>, or

<a href="Login.html">Login</a>, before you can vote, buy or comment a holiday!

</span>

<td>

</tr>

<tr>

<td style="width: 100%;" colspan="3">

<pre class="mb-0" id="preDescription" style="width: 100%;

font-size: 1.15em;">

</pre>

<br>

<pre class="mb-0" id="preTimeLimit">

</pre>

</td>

</tr>

<tr>

<td style="width: 100%;

text-align: center;" colspan="3">

<span id="spanErrorComments" class="errorStyle">

Error! You must

<a href="Register.html">Register</a>, or

<a href="Login.html">Login</a>, before you can vote, buy or comment a holiday!

</span>

</td>

</tr>

<tr>

<td style="width: 100%;

text-align: center;" colspan="3">

<span id="commentsCount">

</span>

</td>

</tr>

<tr>

<td colspan="2" style="padding-left: 10%;

width: 80%;">

<textarea class="form-control" id="taComment" placeholder="Write your comment here..."></textarea>

</td>

<td style="text-align: center;

width: 20%;">

<img class="rounded" id="imgButtonComment" src="../Pictures/Buttons/ButtonComment.png" alt="Comment" style="width: auto;

height: auto;

border: 0;

margin-right: 10%;

vertical-align: top;" onclick="HolidayInfo\_ButtonComment\_OnClick();" onmouseenter="HolidayInfo\_ButtonComment\_OnMouseEnter(this);"

onmouseleave="HolidayInfo\_ButtonComment\_OnMouseLeave(this);">

</td>

</tr>

</table>

<table id="tableComments">

</table>

</div>

</div>

<div class="rightBanner">

<div class="rightBannerMiddleLeft">

<a href="Register.html" id="buttonRegister">

<img class="rounded" src="../Pictures/Buttons/ButtonRegister.png" alt="Register" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonRegister\_OnMouseEnter(this);" onmouseleave="ButtonRegister\_OnMouseLeave(this);">

</a>

<span id="spanUserNames" style="display: none">

User Names

</span>

</div>

<div class="rightBannerMiddleRight">

<a href="Login.html" id="buttonLogin">

<img class="rounded" src="../Pictures/Buttons/ButtonLogIn.png" alt="LogIn" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogin\_OnMouseEnter(this);" onmouseleave="ButtonLogin\_OnMouseLeave(this);">

</a>

<a href="HolidayInfo.html" id="buttonLogout" onclick="Logout()" style="display: none">

<img class="rounded" src="../Pictures/Buttons/ButtonLogOut.png" alt="LogOut" style="width: auto;

height: auto;

border: 0;" onmouseenter="ButtonLogout\_OnMouseEnter(this);" onmouseleave="ButtonLogout\_OnMouseLeave(this);">

</a>

</div>

</div>

</body>

</html>

**5.1.7 Style.css**

@import url('https://fonts.googleapis.com/css?family=Mina');

@import url('https://fonts.googleapis.com/css?family=Skranji');

\* {

font-family: 'Mina', sans-serif;

}

html {

/\* height: auto;

width: auto; \*/

background: url("Pictures/Background/Forest.jpg") no-repeat center center fixed;

-webkit-background-size: cover;

-moz-background-size: cover;

-o-background-size: cover;

background-size: cover;

}

body {

font-size: 100%;

background-color: rgba(255, 255, 255, 0) !important;

}

.map {

display: inline-block;

padding: 10px;

}

/\*Wooden sign banner-------------------------------------------------------------------\*/

.rightBanner {

position: fixed;

left: 70%;

top: 0%;

width: 25%;

height: 25%;

background-image: url("Pictures/Background/WoodenSign.png");

background-repeat: no-repeat;

background-position: center;

background-size: 100% auto;

}

/\*-------------------------------------------\*/

.rightBannerMiddleLeft {

position: absolute;

left: 10%;

top: 55%;

width: 38%;

height: auto;

}

/\*-------------------------------------------\*/

.rightBannerMiddleRight {

position: absolute;

left: 60%;

top: 55%;

}

/\*-------------------------------------------\*/

#spanUserNames {

font-family: 'Skranji', cursive !important;

text-align: justify;

font-size: 25px;

font-weight: bold;

word-wrap: break-word;

color: #b62f2f;

}

/\*End - Wooden sign banner-------------------------------------------------------------\*/

/\*Web page-----------------------------------------------------------------------------\*/

/\*Main Top Panel----------------------------------------------------------\*/

.mainTopPanel {

display: table;

position: relative;

left: 1%;

margin-top: 0.5%;

width: 73%;

height: 3%;

border-width: 0.5px;

border-style: solid;

background-image: url("Pictures/Textures/WoodenTexture.jpg");

background-repeat: repeat;

background-position: center;

border-radius: 8px;

/\*background-size: auto auto;\*/

}

/\*-------------------------------------------\*/

.mainTopPanelContainer {

display: table;

position: relative;

margin-top: 0.5%;

margin-bottom: 0.5%;

text-align: left;

width: 100%;

}

/\*-------------------------------------------\*/

span.mainTopPanelButton {

position: relative;

padding-left: 1%;

width: 100%;

}

/\*End - Main Top Panel----------------------------------------------------\*/

/\*Page-continer-----------------------------------------------------------\*/

.page {

position: relative;

margin-left: 10%;

margin-right: 10%;

margin-top: 10%;

margin-bottom: 10%;

display: table;

width: 80%;

max-width: 80%;

text-align: center;

border-radius: 10px;

border-width: 0px;

border-style: solid;

background-image: url("Pictures/Textures/PaperTexture.jpg");

background-repeat: repeat;

background-position: center;

}

/\*End - Page-continer-----------------------------------------------------\*/

/\*Page content------------------------------------------------------------\*/

.pageContent {

position: relative;

width: 94%;

padding-left: 3%;

padding-right: 3%;

padding-top: 1.5%;

padding-bottom: 5%;

display: table;

text-align: left;

margin-top: 60px;

}

/\*End - Page content------------------------------------------------------\*/

/\*End - Web page-----------------------------------------------------------------------\*/

/\*Text style---------------------------------------------------------------------------\*/

pre {

font-family: Consolas, monospace;

text-align: justify;

white-space: pre-wrap;

/\* Since CSS 2.1 \*/

white-space: -moz-pre-wrap;

/\* Mozilla, since 1999 \*/

white-space: -pre-wrap;

/\* Opera 4-6 \*/

white-space: -o-pre-wrap;

/\* Opera 7 \*/

word-wrap: break-word;

/\* Internet Explorer 5.5+ \*/

}

/\*-------------------------------------------\*/

#preTimeLimit {

text-align: center;

font-size: 1em;

color: grey;

}

/\*-------------------------------------------\*/

.priceStyle {

font-family: Consolas, monospace;

text-align: center;

font-size: 1.5em;

color: green;

}

/\*-------------------------------------------\*/

.shortDescriptionStyle {

font-family: Consolas, monospace;

text-align: justify;

font-size: 1.25em;

font-weight: bold;

}

/\*-------------------------------------------\*/

.voteStyle {

border: 1px solid grey;

background-color: lightgrey;

font-size: 1em;

font-weight: bold;

}

/\*-------------------------------------------\*/

.errorStyle {

border: 1px solid grey;

background-color: lightgrey;

font-size: 1em;

font-weight: bold;

color: red;

visibility: hidden;

}

/\*-------------------------------------------\*/

#commentsCount {

color: grey;

font-weight: bold;

font-size: 1.5em;

text-align: center;

}

/\*-------------------------------------------\*/

#taComment {

font-size: 1em;

text-align: justify;

}

/\*-------------------------------------------\*/

textarea {

resize: none;

}

/\*-------------------------------------------\*/

#tableComments {

border: 1px solid grey;

width: 62%;

margin-left: 10%;

}

/\*-------------------------------------------\*/

#tableComments tr {

border: 1px solid grey;

width: 100%;

}

@media only screen and (max-width: 600px) {

.rightBanner {

position: absolute;

left: 2%;

top: 7%;

width: 89%;

height: 30%;

background-image: none;

background-repeat: no-repeat;

background-position: center;

background-size: 100% auto;

}

.mainTopPanelContainer {

display: table;

position: relative;

margin-top: 0.5%;

margin-bottom: 0.5%;

width: 100%;

line-height: 2;

margin-left: 20%;

}

}

/\*End - Text style---------------------------------------------------------------------\*/

**5.1.8 Client.js**

var Http;

var Url = "http://localhost:8001";

var ArrayHolidays = []; //create an empty array

var Holiday;

var ArrayComments = [];

var CurrentPage = 1;

var MaxHolidaysPerPage = 6;

var IndexPage;

var CurrentImage;

function Register() {

var regExpResult = 1;

var params;

//--------------

var nickname;

var password;

var email;

var firstName;

var surname;

var lastName;

var country;

var town;

var address;

regExpResult = regExpResult & /[A-Za-z0-9.\_-]{4,20}/.test(document.getElementById("inputUsername").value);

regExpResult = regExpResult & /(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{6,30}/.test(document.getElementById("inputPassword").value);

regExpResult = regExpResult & /[a-z0-9.\_%+-]+@[a-z0-9.-]+\.[a-z]{2,3}$/.test(document.getElementById("inputEmail").value);

regExpResult = regExpResult & /[A-Za-z]{4,44}/.test(document.getElementById("inputFirstName").value);

if (document.getElementById("inputSurname").value != "") {

regExpResult = regExpResult & /[A-Za-z]{4,44}/.test(document.getElementById("inputSurname").value);

}

regExpResult = regExpResult & /[A-Za-z]{4,44}/.test(document.getElementById("inputLastName").value);

regExpResult = regExpResult & /[A-Za-z]{4,44}/.test(document.getElementById("inputCountry").value);

regExpResult = regExpResult & /[A-Za-z]{4,44}/.test(document.getElementById("inputTown").value);

regExpResult = regExpResult & /[A-Za-z]{4,199}/.test(document.getElementById("inputAddress").value);

if (regExpResult) {

nickname = document.getElementById("inputUsername").value;

password = document.getElementById("inputPassword").value;

email = document.getElementById("inputEmail").value;

firstName = document.getElementById("inputFirstName").value;

surname = document.getElementById("inputSurname").value;

lastName = document.getElementById("inputLastName").value;

country = document.getElementById("inputCountry").value;

town = document.getElementById("inputTown").value;

address = document.getElementById("inputAddress").value;

document.getElementById("inputUsername").value = "";

document.getElementById("inputPassword").value = "";

document.getElementById("inputEmail").value = "";

document.getElementById("inputFirstName").value = "";

document.getElementById("inputSurname").value = "";

document.getElementById("inputLastName").value = "";

document.getElementById("inputCountry").value = "";

document.getElementById("inputTown").value = "";

document.getElementById("inputAddress").value = "";

params = "operation=register&username=" + nickname + "&password=" + password + "&email=" + email + "&firstName=" + firstName + "&surname=" + surname + "&lastName=" + lastName + "&country=" + country + "&town=" + town + "&address=" + address;

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert(Http.responseText);

if (Http.responseText.includes("Success.")) //response contains the phrase "Success."

{

window.location.assign(window.location.hostname + window.location.pathname.substring(0, window.location.pathname.indexOf("/Web/")) + "/Index.html"); //Redirrect to Home page

} else {

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText);

}

}

}

//alert(Http.readyState + " " + Http.status + " " + Http.responseText + ".");

}

Http.send(params);

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function Login() {

var regExpResult = 1;

var params;

//--------------

var nickname;

var password;

regExpResult = regExpResult & /[A-Za-z0-9.\_-]{4,20}/.test(document.getElementById("inputUsername").value);

regExpResult = regExpResult & /(?=.\*\d)(?=.\*[a-z])(?=.\*[A-Z]).{6,30}/.test(document.getElementById("inputPassword").value);

if (regExpResult) {

nickname = document.getElementById("inputUsername").value;

password = document.getElementById("inputPassword").value;

document.getElementById("inputUsername").value = "";

document.getElementById("inputPassword").value = "";

params = "operation=login&username=" + nickname + "&password=" + password;

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert(Http.responseText);

if (Http.responseText.includes("Success.")) {

var startIndex;

var endIndex;

var firstName;

var lastName;

startIndex = Http.responseText.indexOf("firstName=");

endIndex = startIndex + Http.responseText.substring(startIndex).indexOf("&");

startIndex += "firstName=".length;

firstName = Http.responseText.substring(startIndex, endIndex);

//alert("firstName:"+firstName);

startIndex = Http.responseText.indexOf("lastName=");

endIndex = Http.responseText.length + 1;

startIndex += "lastName=".length;

lastName = Http.responseText.substring(startIndex, endIndex);

//alert("lastName:"+lastName);

//Write result in cookie

//alert("nickname: " + nickname);

SetCookie("nickname", nickname, 30);

SetCookie("firstName", firstName, 30);

SetCookie("lastName", lastName, 30);

window.location.assign(window.location.hostname + window.location.pathname.substring(0, window.location.pathname.indexOf("/Web/")) + "/Index.html"); //Redirrect to Home page

} else {

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText);

} else {

if (Http.responseText.includes("Fail.")) //response contains the phrase "Fail."

{

document.getElementById("message").innerHTML = "Wrong username or password!<br>";

document.getElementById("message").style = "color: red; font: italic bold 12px/30px Georgia, serif;";

}

}

}

}

//alert(Http.readyState + " " + Http.status + " " + Http.responseText + ".");

}

Http.send(params);

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function Logout() {

SetCookie("nickname", "", -1);

SetCookie("firstName", "", -1);

SetCookie("lastName", "", -1);

}

//--------------------------------------------------------------------------------------------------------------------------------------

function Search() {

var regExpResult = 1;

var searchedValue;

regExpResult = regExpResult & /[A-Za-z0-9А-Яа-я.\_-]{1,70}/.test(document.getElementById("inputSearch").value);

if (regExpResult) {

searchedValue = document.getElementById("inputSearch").value;

params = "operation=search" + "&searchedValue=" + searchedValue;

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert(Http.responseText);

if (Http.responseText.includes("Success.")) {

var startIndex;

var endIndex;

var ID, HolidayName, Destinations, Days, Price, StartDate, EndDate, PicturesURL, Description, ShortDescription, VoteUpCount, VoteDownCount;

var tempResponse;

var counter;

var multiplePictures;

tempResponse = Http.responseText;

ArrayHolidays = []; //Empty the array

while (tempResponse.includes("ID=")) {

startIndex = tempResponse.indexOf("ID=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ID=".length;

ID = tempResponse.substring(startIndex, endIndex);

//alert("ID:"+ID);

startIndex = tempResponse.indexOf("HolidayName=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "HolidayName=".length;

HolidayName = tempResponse.substring(startIndex, endIndex);

//alert("HolidayName:"+HolidayName);

startIndex = tempResponse.indexOf("Destinations=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Destinations=".length;

Destinations = tempResponse.substring(startIndex, endIndex);

//alert("Destinations:"+Destinations);

startIndex = tempResponse.indexOf("Days=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Days=".length;

Days = tempResponse.substring(startIndex, endIndex);

//alert("Days:"+Days);

startIndex = tempResponse.indexOf("Price=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Price=".length;

Price = tempResponse.substring(startIndex, endIndex);

//alert("Price:"+Price);

startIndex = tempResponse.indexOf("StartDate=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "StartDate=".length;

StartDate = tempResponse.substring(startIndex, endIndex);

//alert("StartDate:"+StartDate);

startIndex = tempResponse.indexOf("EndDate=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "EndDate=".length;

EndDate = tempResponse.substring(startIndex, endIndex);

//alert("EndDate:"+EndDate);

startIndex = tempResponse.indexOf("PicturesURL=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "PicturesURL=".length;

PicturesURL = tempResponse.substring(startIndex, endIndex);

//alert("PicturesURL:"+PicturesURL);

startIndex = tempResponse.indexOf("Description=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Description=".length;

Description = tempResponse.substring(startIndex, endIndex);

//alert("Description:"+Description);

startIndex = tempResponse.indexOf("ShortDescription=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ShortDescription=".length;

ShortDescription = tempResponse.substring(startIndex, endIndex);

//alert("ShortDescription:"+ShortDescription);

startIndex = tempResponse.indexOf("VoteUpCount=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "VoteUpCount=".length;

VoteUpCount = tempResponse.substring(startIndex, endIndex);

//alert("VoteUpCount:"+VoteUpCount);

startIndex = tempResponse.indexOf("VoteDownCount=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf(";;");

startIndex += "VoteDownCount=".length;

VoteDownCount = tempResponse.substring(startIndex, endIndex);

//alert("VoteDownCount:"+VoteDownCount);

//alert("tempResponse before: " + tempResponse);

tempResponse = tempResponse.substring(endIndex);

//alert("tempResponse after: " + tempResponse);

ArrayHolidays.push({}); //push a new empty object in the array

ArrayHolidays[ArrayHolidays.length - 1].ID = ID;

ArrayHolidays[ArrayHolidays.length - 1].HolidayName = HolidayName;

ArrayHolidays[ArrayHolidays.length - 1].Destinations = Destinations;

ArrayHolidays[ArrayHolidays.length - 1].Days = Days;

ArrayHolidays[ArrayHolidays.length - 1].Price = Price;

ArrayHolidays[ArrayHolidays.length - 1].StartDate = StartDate;

ArrayHolidays[ArrayHolidays.length - 1].EndDate = EndDate;

ArrayHolidays[ArrayHolidays.length - 1].PicturesURL = [];

counter = 0;

multiplePictures = false;

while (PicturesURL.includes(";")) {

multiplePictures = true;

//alert("PicturesURL: " + PicturesURL);

startIndex = 0;

endIndex = PicturesURL.indexOf(";");

//alert("endIndex: " + endIndex);

if (endIndex < startIndex) {

endIndex = PicturesURL.length;

}

ArrayHolidays[ArrayHolidays.length - 1].PicturesURL[counter] = PicturesURL.substring(startIndex, endIndex);

//alert("Picture url: " + ArrayHolidays[ArrayHolidays.length - 1].PicturesURL[counter]);

PicturesURL = PicturesURL.substring(endIndex + 1);

counter++;

}

if (multiplePictures == false) {

startIndex = 0;

endIndex = PicturesURL.length;

ArrayHolidays[ArrayHolidays.length - 1].PicturesURL[counter] = PicturesURL.substring(startIndex, endIndex);

//alert("1");

}

ArrayHolidays[ArrayHolidays.length - 1].Description = Description;

ArrayHolidays[ArrayHolidays.length - 1].ShortDescription = ShortDescription;

ArrayHolidays[ArrayHolidays.length - 1].VoteUpCount = VoteUpCount;

ArrayHolidays[ArrayHolidays.length - 1].VoteDownCount = VoteDownCount;

//alert(ArrayHolidays[ArrayHolidays.length - 1].HolidayName);

}

IndexPage = false;

CurrentPage = 1;

ShowCurrentPage();

} else {

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText);

}

}

}

//alert(Http.readyState + " " + Http.status + " " + Http.responseText + ".");

}

Http.send(params);

} else {

HideHolidays();

}

}

//Events-----------------------------------------------------------------------------------------------------------------------------------------------------

function Index\_OnLoad() {

var firstName;

var lastName;

var params;

//alert("OnLoad()");

if (CheckCookie("firstName")) //cookie exists / user is logged in

{

firstName = GetCookie("firstName");

lastName = GetCookie("lastName");

//alert(firstName + "\n" + lastName);

document.getElementById("buttonRegister").style.display = "none";

document.getElementById("buttonLogin").style.display = "none";

document.getElementById("spanUserNames").style.display = "block";

document.getElementById("spanUserNames").style.width = "90%";

document.getElementById("spanUserNames").innerHTML = "<b>Welcome back,<br>" + firstName + " " + lastName + "</b>";

document.getElementById("buttonLogout").style.display = "block";

} else {

document.getElementById("buttonRegister").style.display = "block";

document.getElementById("buttonLogin").style.display = "block";

document.getElementById("spanUserNames").style.display = "none";

document.getElementById("buttonLogout").style.display = "none";

}

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

params = "operation=holidays";

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert(Http.responseText);

if (Http.responseText.includes("Success.")) {

var startIndex;

var endIndex;

var ID, HolidayName, Destinations, Days, Price, StartDate, EndDate, PicturesURL, Description, ShortDescription, VoteUpCount, VoteDownCount;

var tempResponse;

var counter;

var multiplePictures;

tempResponse = Http.responseText;

//alert("tempResponse: " + tempResponse);

ArrayHolidays = []; //Empty the array

while (tempResponse.includes("ID=")) {

startIndex = tempResponse.indexOf("ID=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ID=".length;

ID = tempResponse.substring(startIndex, endIndex);

//alert("ID:"+ID);

startIndex = tempResponse.indexOf("HolidayName=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "HolidayName=".length;

HolidayName = tempResponse.substring(startIndex, endIndex);

//alert("HolidayName:"+HolidayName);

startIndex = tempResponse.indexOf("Destinations=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Destinations=".length;

Destinations = tempResponse.substring(startIndex, endIndex);

//alert("Destinations:"+Destinations);

startIndex = tempResponse.indexOf("Days=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Days=".length;

Days = tempResponse.substring(startIndex, endIndex);

//alert("Days:"+Days);

startIndex = tempResponse.indexOf("Price=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Price=".length;

Price = tempResponse.substring(startIndex, endIndex);

//alert("Price:"+Price);

startIndex = tempResponse.indexOf("StartDate=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "StartDate=".length;

StartDate = tempResponse.substring(startIndex, endIndex);

//alert("StartDate:"+StartDate);

startIndex = tempResponse.indexOf("EndDate=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "EndDate=".length;

EndDate = tempResponse.substring(startIndex, endIndex);

//alert("EndDate:"+EndDate);

startIndex = tempResponse.indexOf("PicturesURL=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "PicturesURL=".length;

PicturesURL = tempResponse.substring(startIndex, endIndex);

//alert("PicturesURL:"+PicturesURL);

startIndex = tempResponse.indexOf("Description=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Description=".length;

Description = tempResponse.substring(startIndex, endIndex);

//alert("Description:"+Description);

startIndex = tempResponse.indexOf("ShortDescription=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ShortDescription=".length;

ShortDescription = tempResponse.substring(startIndex, endIndex);

//alert("ShortDescription:"+ShortDescription);

startIndex = tempResponse.indexOf("VoteUpCount=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "VoteUpCount=".length;

VoteUpCount = tempResponse.substring(startIndex, endIndex);

//alert("VoteUpCount:"+VoteUpCount);

startIndex = tempResponse.indexOf("VoteDownCount=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf(";;");

startIndex += "VoteDownCount=".length;

VoteDownCount = tempResponse.substring(startIndex, endIndex);

//alert("VoteDownCount:"+VoteDownCount);

//alert("tempResponse before: " + tempResponse);

tempResponse = tempResponse.substring(endIndex);

//alert("tempResponse after: " + tempResponse);

ArrayHolidays.push({}); //push a new empty object in the array

ArrayHolidays[ArrayHolidays.length - 1].ID = ID;

ArrayHolidays[ArrayHolidays.length - 1].HolidayName = HolidayName;

ArrayHolidays[ArrayHolidays.length - 1].Destinations = Destinations;

ArrayHolidays[ArrayHolidays.length - 1].Days = Days;

ArrayHolidays[ArrayHolidays.length - 1].Price = Price;

ArrayHolidays[ArrayHolidays.length - 1].StartDate = StartDate;

ArrayHolidays[ArrayHolidays.length - 1].EndDate = EndDate;

ArrayHolidays[ArrayHolidays.length - 1].PicturesURL = [];

counter = 0;

multiplePictures = false;

while (PicturesURL.includes(";")) {

multiplePictures = true;

//alert("PicturesURL: " + PicturesURL);

startIndex = 0;

endIndex = PicturesURL.indexOf(";");

//alert("endIndex: " + endIndex);

if (endIndex < startIndex) {

endIndex = PicturesURL.length;

}

ArrayHolidays[ArrayHolidays.length - 1].PicturesURL[counter] = PicturesURL.substring(startIndex, endIndex);

//alert("Picture url: " + ArrayHolidays[ArrayHolidays.length - 1].PicturesURL[counter]);

PicturesURL = PicturesURL.substring(endIndex + 1);

counter++;

}

if (multiplePictures == false) {

startIndex = 0;

endIndex = PicturesURL.length;

ArrayHolidays[ArrayHolidays.length - 1].PicturesURL[counter] = PicturesURL.substring(startIndex, endIndex);

//alert("1");

}

ArrayHolidays[ArrayHolidays.length - 1].Description = Description;

ArrayHolidays[ArrayHolidays.length - 1].ShortDescription = ShortDescription;

ArrayHolidays[ArrayHolidays.length - 1].VoteUpCount = VoteUpCount;

ArrayHolidays[ArrayHolidays.length - 1].VoteDownCount = VoteDownCount;

//alert(ArrayHolidays[ArrayHolidays.length - 1].HolidayName);

}

IndexPage = true;

CurrentPage = 1;

ShowCurrentPage();

} else {

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText);

}

}

}

//alert(Http.readyState + " " + Http.status + " " + Http.responseText + ".");

}

Http.send(params);

}

//--------------------------------------------------------------------------------------------------------------------------------------

function Search\_OnLoad() {

var firstName;

var lastName;

var params;

//alert("OnLoad()");

if (CheckCookie("firstName")) //cookie exists / user is logged in

{

firstName = GetCookie("firstName");

lastName = GetCookie("lastName");

//alert(firstName + "\n" + lastName);

document.getElementById("buttonRegister").style.display = "none";

document.getElementById("buttonLogin").style.display = "none";

document.getElementById("spanUserNames").style.display = "block";

document.getElementById("spanUserNames").style.width = "90%";

document.getElementById("spanUserNames").innerHTML = "<b>Welcome back,<br>" + firstName + " " + lastName + "</b>";

document.getElementById("buttonLogout").style.display = "block";

} else {

document.getElementById("buttonRegister").style.display = "block";

document.getElementById("buttonLogin").style.display = "block";

document.getElementById("spanUserNames").style.display = "none";

document.getElementById("buttonLogout").style.display = "none";

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function ContactUs\_OnLoad() {

var firstName;

var lastName;

var params;

//alert("OnLoad()");

if (CheckCookie("firstName")) //cookie exists / user is logged in

{

firstName = GetCookie("firstName");

lastName = GetCookie("lastName");

//alert(firstName + "\n" + lastName);

document.getElementById("buttonRegister").style.display = "none";

document.getElementById("buttonLogin").style.display = "none";

document.getElementById("spanUserNames").style.display = "block";

document.getElementById("spanUserNames").style.width = "90%";

document.getElementById("spanUserNames").innerHTML = "<b>Welcome back,<br>" + firstName + " " + lastName + "</b>";

document.getElementById("buttonLogout").style.display = "block";

} else {

document.getElementById("buttonRegister").style.display = "block";

document.getElementById("buttonLogin").style.display = "block";

document.getElementById("spanUserNames").style.display = "none";

document.getElementById("buttonLogout").style.display = "none";

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_OnLoad() {

var firstName;

var lastName;

var nickname;

var params;

var holidayID = "";

var mainTable;

var tempTable;

var tempRow;

var tempCell;

//alert("OnLoad()");

if (CheckCookie("firstName")) //cookie exists / user is logged in

{

firstName = GetCookie("firstName");

lastName = GetCookie("lastName");

nickname = GetCookie("nickname");

//alert(firstName + "\n" + lastName);

document.getElementById("buttonRegister").style.display = "none";

document.getElementById("buttonLogin").style.display = "none";

document.getElementById("spanUserNames").style.display = "block";

document.getElementById("spanUserNames").style.width = "90%";

document.getElementById("spanUserNames").innerHTML = "<b>Welcome back,<br>" + firstName + " " + lastName + "</b>";

document.getElementById("buttonLogout").style.display = "block";

document.getElementById("imgButtonBuy").style.visibility = "visible";

document.getElementById("imgButtonComment").style.visibility = "visible";

document.getElementById("taComment").onclick = function () {};

document.getElementById("spanErrorComments").style.visibility = "hidden";

} else {

document.getElementById("buttonRegister").style.display = "block";

document.getElementById("buttonLogin").style.display = "block";

document.getElementById("spanUserNames").style.display = "none";

document.getElementById("buttonLogout").style.display = "none";

document.getElementById("imgButtonBuy").style.visibility = "hidden";

document.getElementById("imgButtonComment").style.visibility = "hidden";

document.getElementById("taComment").onclick = function () {

document.getElementById("spanErrorComments").style.visibility = "visible";

};

}

if (CheckCookie("HolidayID")) {

holidayID = GetCookie("HolidayID");

//alert("holidayID: " + holidayID);

}

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

params = "operation=holidayInfo" + "&HolidayID=" + holidayID + "&Nickname=" + nickname;

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert("Http.responseText: " + Http.responseText);

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText.substring(Http.responseText.indexOf("Error.")));

} else {

if (Http.responseText.includes("Success.")) {

var startIndex;

var endIndex;

var ID, HolidayName, Destinations, Days, Price, StartDate, EndDate, PicturesURL, Description, ShortDescription, VoteUpCount, VoteDownCount;

var translatedStartDate, translatedEndDate;

var CommentID, Comment, Nickname, HolidayID, DateTime;

var Voted, VoteValue = "";

var tempResponse;

var counter;

var multiplePictures;

var height;

var translatedDateTime;

tempResponse = Http.responseText;

Holiday = {};

startIndex = tempResponse.indexOf("ID=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ID=".length;

ID = tempResponse.substring(startIndex, endIndex);

//alert("ID:"+ID);

startIndex = tempResponse.indexOf("HolidayName=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "HolidayName=".length;

HolidayName = tempResponse.substring(startIndex, endIndex);

//alert("HolidayName:"+HolidayName);

startIndex = tempResponse.indexOf("Destinations=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Destinations=".length;

Destinations = tempResponse.substring(startIndex, endIndex);

//alert("Destinations:"+Destinations);

startIndex = tempResponse.indexOf("Days=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Days=".length;

Days = tempResponse.substring(startIndex, endIndex);

//alert("Days:"+Days);

startIndex = tempResponse.indexOf("Price=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Price=".length;

Price = tempResponse.substring(startIndex, endIndex);

//alert("Price:"+Price);

startIndex = tempResponse.indexOf("StartDate=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "StartDate=".length;

StartDate = tempResponse.substring(startIndex, endIndex);

//alert("StartDate:"+StartDate);

startIndex = tempResponse.indexOf("EndDate=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "EndDate=".length;

EndDate = tempResponse.substring(startIndex, endIndex);

//alert("EndDate:"+EndDate);

startIndex = tempResponse.indexOf("PicturesURL=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "PicturesURL=".length;

PicturesURL = tempResponse.substring(startIndex, endIndex);

//alert("PicturesURL:"+PicturesURL);

startIndex = tempResponse.indexOf("Description=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Description=".length;

Description = tempResponse.substring(startIndex, endIndex);

//alert("Description:"+Description);

startIndex = tempResponse.indexOf("ShortDescription=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ShortDescription=".length;

ShortDescription = tempResponse.substring(startIndex, endIndex);

//alert("ShortDescription:"+ShortDescription);

startIndex = tempResponse.indexOf("VoteUpCount=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "VoteUpCount=".length;

VoteUpCount = tempResponse.substring(startIndex, endIndex);

//alert("VoteUpCount:"+VoteUpCount);

startIndex = tempResponse.indexOf("VoteDownCount=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf(";;");

startIndex += "VoteDownCount=".length;

VoteDownCount = tempResponse.substring(startIndex, endIndex);

//alert("VoteDownCount:"+VoteDownCount);

//alert("tempResponse before (holiday): " + tempResponse + "\n\nendIndex: " + endIndex + "tempResponse.length: " + tempResponse.length);

tempResponse = tempResponse.substring(endIndex);

//alert("tempResponse after (holiday): " + tempResponse);

//Holiday processing----------------------------

Holiday.ID = ID;

Holiday.HolidayName = HolidayName;

Holiday.Destinations = Destinations;

Holiday.Days = Days;

Holiday.Price = Price;

Holiday.StartDate = StartDate;

Holiday.EndDate = EndDate;

Holiday.PicturesURL = [];

counter = 0;

multiplePictures = false;

while (PicturesURL.includes(";")) {

multiplePictures = true;

//alert("PicturesURL: " + PicturesURL);

startIndex = 0;

endIndex = PicturesURL.indexOf(";");

//alert("endIndex: " + endIndex);

if (endIndex < startIndex) {

endIndex = PicturesURL.length;

}

Holiday.PicturesURL[counter] = "../" + PicturesURL.substring(startIndex, endIndex);

//alert("Picture url: " + Holiday.PicturesURL[counter]);

PicturesURL = PicturesURL.substring(endIndex + 1);

counter++;

}

if (multiplePictures == false) {

startIndex = 0;

endIndex = PicturesURL.length;

Holiday.PicturesURL[counter] = "../" + PicturesURL.substring(startIndex, endIndex);

//alert("multiplePictures == false");

}

Holiday.Description = Description;

Holiday.ShortDescription = ShortDescription;

Holiday.VoteUpCount = VoteUpCount;

Holiday.VoteDownCount = VoteDownCount;

//alert(Holiday.HolidayName);

//End - Holiday processing----------------------

//alert("tempResponse before (comments): " + tempResponse);

tempResponse = tempResponse.substring(tempResponse.indexOf(";;;Success.") + ";;;Success.".length);

//alert("tempResponse after (comments): " + tempResponse);

ArrayComments = [];

while (tempResponse.includes("ID=")) //there are more comments

{

startIndex = tempResponse.indexOf("ID=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "ID=".length;

CommentID = tempResponse.substring(startIndex, endIndex);

//alert("CommentID: "+CommentID);

startIndex = tempResponse.indexOf("Comment=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Comment=".length;

Comment = tempResponse.substring(startIndex, endIndex);

//alert("Comment: "+Comment);

startIndex = tempResponse.indexOf("Nickname=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "Nickname=".length;

Nickname = tempResponse.substring(startIndex, endIndex);

//alert("Nickname: "+Nickname);

startIndex = tempResponse.indexOf("HolidayID=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

startIndex += "HolidayID=".length;

HolidayID = tempResponse.substring(startIndex, endIndex);

//alert("HolidayID: "+HolidayID);

startIndex = tempResponse.indexOf("DateTime=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf(";;");

startIndex += "DateTime=".length;

DateTime = tempResponse.substring(startIndex, endIndex);

//alert("DateTime: "+DateTime);

/\*Holiday.StartDate - "Tue Jun 06 2017 14:00:00 GMT+0300 (FLE Daylight Time)"

[0-2] - Day of week

[4-6] - Month

[8-9] - Date

[11-14] - Year

[16-23] - Time

[25-32] - Time zone

[34-length] - Daylight time

\*/

/\*Translate datetime---------------\*/

translatedDateTime = "";

translatedDateTime += DateTime.substring(8, 10) + " "; //[8-9] - Date

switch (DateTime.substring(4, 7)) //[4-6] - Month

{

case "Jan":

{

translatedDateTime += "Януари ";

break;

}

case "Feb":

{

translatedDateTime += "Февруари ";

break;

}

case "Mar":

{

translatedDateTime += "Март ";

break;

}

case "Apr":

{

translatedDateTime += "Април ";

break;

}

case "May":

{

translatedDateTime += "Май ";

break;

}

case "Jun":

{

translatedDateTime += "Юни ";

break;

}

case "Jul":

{

translatedDateTime += "Юли ";

break;

}

case "Aug":

{

translatedDateTime += "Август ";

break;

}

case "Sep":

{

translatedDateTime += "Септември ";

break;

}

case "Oct":

{

translatedDateTime += "Октомври ";

break;

}

case "Nov":

{

translatedDateTime += "Ноември ";

break;

}

case "Dec":

{

translatedDateTime += "Декември ";

break;

}

default:

{

translatedDateTime += Holiday.StartDate.substring(4, 7) + " "; //[4-6] - Month

break;

}

}

translatedDateTime += DateTime.substring(11, 15) + ", "; //[11-14] - Year

translatedDateTime += DateTime.substring(16, 24); //[16-23] - Time

//alert("tempResponse before (comments): " + tempResponse);

tempResponse = tempResponse.substring(endIndex + 2); //+2 for the ;; delimiter

//alert("tempResponse after (comments): " + tempResponse);

ArrayComments.push({}); //push an empty object in the array

ArrayComments[ArrayComments.length - 1].ID = CommentID;

ArrayComments[ArrayComments.length - 1].Comment = Comment;

ArrayComments[ArrayComments.length - 1].Nickname = Nickname;

ArrayComments[ArrayComments.length - 1].HolidayID = HolidayID;

ArrayComments[ArrayComments.length - 1].DateTime = DateTime;

ArrayComments[ArrayComments.length - 1].translatedDateTime = translatedDateTime;

//alert("ArrayComments[ArrayComments.length - 1].Comment: " + ArrayComments[ArrayComments.length - 1].Comment);

}

//alert("tempResponse before (comments): " + tempResponse);

tempResponse = tempResponse.substring(tempResponse.indexOf(";;;") + ";;;".length);

//alert("tempResponse after (comments): " + tempResponse);

startIndex = tempResponse.indexOf("Voted=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + tempResponse.substring(startIndex).indexOf(".");

}

startIndex += "Voted=".length;

Voted = tempResponse.substring(startIndex, endIndex);

//alert("Voted: "+Voted);

if (Voted == "true") {

startIndex = tempResponse.indexOf("VoteValue=");

endIndex = startIndex + tempResponse.substring(startIndex).indexOf(";;");

if (endIndex < startIndex) {

endIndex = tempResponse.length;

}

startIndex += "VoteValue=".length;

VoteValue = tempResponse.substring(startIndex, endIndex);

//alert("VoteValue: "+VoteValue);

}

Holiday.Voted = Voted;

Holiday.VoteValue = VoteValue;

//Load content on page-----------------------------

document.getElementById("holidayTitle").innerHTML = Holiday.ShortDescription;

document.getElementById("spanPrice").innerHTML = "<b>" + Holiday.Price + " лв</b>";

CurrentImage = 0;

HolidayInfo\_ShowCurrentImage();

document.getElementById("preDescription").innerHTML = Holiday.Description;

/\*Holiday.StartDate - "Tue Jun 06 2017 14:00:00 GMT+0300 (FLE Daylight Time)"

[0-2] - Day of week

[4-6] - Month

[8-9] - Date

[11-14] - Year

[16-23] - Time

[25-32] - Time zone

[34-length] - Daylight time

\*/

/\*Translate datetime---------------\*/

translatedStartDate = "";

translatedEndDate = "";

translatedStartDate += Holiday.StartDate.substring(8, 10) + " "; //[8-9] - Date

switch (Holiday.StartDate.substring(4, 7)) //[4-6] - Month

{

case "Jan":

{

translatedStartDate += "Януари ";

break;

}

case "Feb":

{

translatedStartDate += "Февруари ";

break;

}

case "Mar":

{

translatedStartDate += "Март ";

break;

}

case "Apr":

{

translatedStartDate += "Април ";

break;

}

case "May":

{

translatedStartDate += "Май ";

break;

}

case "Jun":

{

translatedStartDate += "Юни ";

break;

}

case "Jul":

{

translatedStartDate += "Юли ";

break;

}

case "Aug":

{

translatedStartDate += "Август ";

break;

}

case "Sep":

{

translatedStartDate += "Септември ";

break;

}

case "Oct":

{

translatedStartDate += "Октомври ";

break;

}

case "Nov":

{

translatedStartDate += "Ноември ";

break;

}

case "Dec":

{

translatedStartDate += "Декември ";

break;

}

default:

{

translatedStartDate += Holiday.StartDate.substring(4, 7) + " "; //[4-6] - Month

break;

}

}

translatedStartDate += Holiday.StartDate.substring(11, 15) + ", "; //[11-14] - Year

translatedStartDate += Holiday.StartDate.substring(16, 24); //[16-23] - Time

translatedEndDate += Holiday.EndDate.substring(8, 10) + " "; //[8-9] - Date

switch (Holiday.EndDate.substring(4, 7)) //[4-6] - Month

{

case "Jan":

{

translatedEndDate += "Януари ";

break;

}

case "Feb":

{

translatedEndDate += "Февруари ";

break;

}

case "Mar":

{

translatedEndDate += "Март ";

break;

}

case "Apr":

{

translatedEndDate += "Април ";

break;

}

case "May":

{

translatedEndDate += "Май ";

break;

}

case "Jun":

{

translatedEndDate += "Юни ";

break;

}

case "Jul":

{

translatedEndDate += "Юли ";

break;

}

case "Aug":

{

translatedEndDate += "Август ";

break;

}

case "Sep":

{

translatedEndDate += "Септември ";

break;

}

case "Oct":

{

translatedEndDate += "Октомври ";

break;

}

case "Nov":

{

translatedEndDate += "Ноември ";

break;

}

case "Dec":

{

translatedEndDate += "Декември ";

break;

}

default:

{

translatedEndDate += Holiday.EndDate.substring(4, 7) + " "; //[4-6] - Month

break;

}

}

translatedEndDate += Holiday.EndDate.substring(11, 15) + ", "; //[11-14] - Year

translatedEndDate += Holiday.EndDate.substring(16, 24); //[16-23] - Time

/\*End - Translate datetime---------\*/

document.getElementById("preTimeLimit").innerHTML = "Офертата е валидна от " + translatedStartDate + " до " + translatedEndDate + ".<br>";

if (window.innerWidth > window.innerHeight) {

document.getElementById("imgHoliday").style.height = (window.innerHeight \* 0.7) + "px";

document.getElementById("imgHoliday").style.width = "auto";

} else {

if (window.innerWidth < window.innerHeight) {

document.getElementById("imgHoliday").style.width = (window.innerWidth \* 0.7) + "px";

document.getElementById("imgHoliday").style.height = "auto";

}

}

document.getElementById("spanLikesCount").innerHTML = "&nbsp;" + Holiday.VoteUpCount + "&nbsp;";

document.getElementById("spanDislikesCount").innerHTML = "&nbsp;" + Holiday.VoteDownCount + "&nbsp;";

HolidayInfo\_UpdateVote();

//alert("ArrayComments.length: " + ArrayComments.length);

document.getElementById("commentsCount").innerHTML = ArrayComments.length + " comments:";

document.getElementById("taComment").style.width = (window.innerWidth \* 0.45) + "px";;

document.getElementById("taComment").style.height = (window.innerHeight \* 0.17) + "px";

//Load comments----------------------------

mainTable = document.getElementById("tableComments");

mainTable.style.borderRadius = "15px";

for (counter = 0; counter < ArrayComments.length; counter++) {

tempTable = document.createElement("TABLE");

tempTable.style.border = "3px solid darkgrey";

tempTable.style.width = "100%";

tempTable.style.backgroundColor = "lightgrey";

tempTable.style.borderRadius = "15px";

tempRow = tempTable.insertRow(0);

tempCell = tempRow.insertCell(0);

tempCell.innerHTML = ArrayComments[counter].Nickname;

tempCell.style.backgroundColor = "lightgrey";

tempCell.style.borderBottom = "3px solid darkgrey";

tempCell.style.borderRight = "3px solid darkgrey";

tempCell.style.width = "20%";

tempCell.style.textAlign = "center";

tempCell.style.borderTopLeftRadius = "15px";

tempCell.style.borderTopRightRadius = "15px";

tempCell = tempRow.insertCell(1);

tempCell.rowSpan = "2";

tempCell.innerHTML = ArrayComments[counter].Comment;

tempCell.style.backgroundColor = "white";

tempCell.style.borderTopRightRadius = "15px";

tempCell.style.borderBottomRightRadius = "15px";

tempRow = tempTable.insertRow(1);

tempCell = tempRow.insertCell(0);

tempCell.innerHTML = ArrayComments[counter].translatedDateTime;

tempCell.style.backgroundColor = "lightgrey";

tempCell.style.borderRight = "3px solid darkgrey";

tempCell.style.width = "20%";

tempCell.style.borderBottomLeftRadius = "15px";

tempCell.style.borderBottomRightRadius = "15px";

mainTable.insertRow(0).insertCell(0).appendChild(tempTable);

}

//End - Load comments----------------------

//End - Load content on page-----------------------

}

}

}

//alert(Http.readyState + " " + Http.status + " " + Http.responseText + ".");

}

Http.send(params);

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_ButtonBuy\_OnClick() {

var params;

var nickname;

nickname = GetCookie("nickname");

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

params = "operation=buyHoliday" + "&Description=" + Holiday.ShortDescription + "&TotalPrice=" + Holiday.Price + "&Nickname=" + nickname + "&HolidayID=" + Holiday.ID;

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert("Http.responseText: " + Http.responseText);

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText.substring(Http.responseText.indexOf("Error.")));

} else {

if (Http.responseText.includes("Success.")) {

alert("Holiday purchased successfully!");

}

}

}

}

Http.send(params);

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_ButtonComment\_OnClick() {

var params;

var nickname;

var comment;

nickname = GetCookie("nickname");

comment = document.getElementById("taComment").value;

document.getElementById("taComment").value = "";

//alert("comment: " + comment);

if (comment != "") {

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

params = "operation=commentHoliday" + "&Comment=" + comment + "&Nickname=" + nickname + "&HolidayID=" + Holiday.ID;

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert("Http.responseText: " + Http.responseText);

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText.substring(Http.responseText.indexOf("Error.")));

} else {

if (Http.responseText.includes("Success.")) {

window.location.assign(window.location.hostname + window.location.pathname); //Refresh page

}

}

}

}

Http.send(params);

} else {

alert("You must write a comment first!");

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_OnResize() {

if (window.innerWidth > window.innerHeight) {

document.getElementById("imgHoliday").style.height = (window.innerHeight \* 0.7) + "px";

document.getElementById("imgHoliday").style.width = "auto";

} else {

if (window.innerWidth < window.innerHeight) {

document.getElementById("imgHoliday").style.width = (window.innerWidth \* 0.7) + "px";

document.getElementById("imgHoliday").style.height = "auto";

}

}

document.getElementById("taComment").style.width = (window.innerWidth \* 0.45) + "px";

document.getElementById("taComment").style.height = (window.innerHeight \* 0.17) + "px";

}

//--------------------------------------------------------------------------------------------------------------------------------------

function ButtonPreviousPage\_OnClick() {

CurrentPage--;

ShowCurrentPage();

}

//--------------------------------------------------------------------------------------------------------------------------------------

function ButtonNextPage\_OnClick() {

CurrentPage++;

ShowCurrentPage();

}

//End - Events-----------------------------------------------------------------------------------------------------------------------------------------------

//Cookies----------------------------------------------------------------------------------------------------------------------------------------------------

function SetCookie(cookieName, cookieValue, expireDays) {

var date;

var expires;

var path = "/";

date = new Date();

date.setTime(date.getTime() + (expireDays \* 24 \* 60 \* 60 \* 1000)); //expire time is in miliseconds (\*24\*60\*60\*1000 converts it to days)

expires = "expires=" + date.toUTCString(); //toGMTString() is possible too

document.cookie = cookieName + "=" + cookieValue + ";" + expires + ";path=" + path;

//alert("Cookies:" + document.cookie);

}

//--------------------------------------------------------------------------------------------------------------------------------------

function GetCookie(cookieName) {

var name;

var decodedCookie;

var cookieArray;

name = cookieName + "=";

decodedCookie = decodeURIComponent(document.cookie);

cookieArray = decodedCookie.split(';');

for (var i = 0; i < cookieArray.length; i++) {

var cookieValue;

cookieValue = cookieArray[i];

while (cookieValue.charAt(0) == ' ') {

cookieValue = cookieValue.substring(1);

}

if (cookieValue.indexOf(name) == 0) {

return cookieValue.substring(name.length, cookieValue.length);

}

}

return "";

}

//--------------------------------------------------------------------------------------------------------------------------------------

function CheckCookie(cookieValue) {

var temp;

temp = GetCookie(cookieValue);

//alert("Temp: " + temp);

if (temp != "") {

return true;

} else {

return false;

}

}

//End - Cookies----------------------------------------------------------------------------------------------------------------------------------------------

//Additional functions---------------------------------------------------------------------------------------------------------------------------------------

function ShowCurrentPage() {

var allPages;

var repeatCount;

if (ArrayHolidays.length != 0) {

if (ArrayHolidays.length % MaxHolidaysPerPage == 0) {

allPages = ArrayHolidays.length / MaxHolidaysPerPage;

} else {

allPages = Math.trunc(ArrayHolidays.length / MaxHolidaysPerPage) + 1;

}

if (CurrentPage == allPages) //last page

{

repeatCount = ArrayHolidays.length % MaxHolidaysPerPage;

} else {

repeatCount = MaxHolidaysPerPage;

}

//alert("allPages: " + allPages + "\n" + "repeatCount: " + repeatCount);

for (var i = 0; i < repeatCount; i++) //show the holidays on the page

{

if (IndexPage) {

document.getElementById("imgHoliday" + (i + 1)).src = ArrayHolidays[((CurrentPage - 1) \* MaxHolidaysPerPage) + i].PicturesURL[0];

} else {

document.getElementById("imgHoliday" + (i + 1)).src = "../" + ArrayHolidays[((CurrentPage - 1) \* MaxHolidaysPerPage) + i].PicturesURL[0];

}

document.getElementById("imgHoliday" + (i + 1)).style.visibility = "visible";

document.getElementById("priceHoliday" + (i + 1)).innerHTML = ArrayHolidays[((CurrentPage - 1) \* MaxHolidaysPerPage) + i].Price + " лв";

document.getElementById("priceHoliday" + (i + 1)).style.visibility = "visible";

document.getElementById("shortDescriptionHoliday" + (i + 1)).innerHTML = ArrayHolidays[((CurrentPage - 1) \* MaxHolidaysPerPage) + i].ShortDescription;

document.getElementById("shortDescriptionHoliday" + (i + 1)).style.visibility = "visible";

/\* The same as the code below with a little difference

document.getElementById("tableHoliday" + (i + 1)).onclick = (function()

{

var currentI = i + 1;

return function()

{

ProcessHoliday(currentI);

}

})();\*/

//Neater implementation

document.getElementById("tableHoliday" + (i + 1)).onclick = function (currentI) {

return function () {

ProcessHoliday(currentI);

}

}(i + 1);

/\*The (i + 1) invokes the function(currentI) with the parameter being the current i,

triggering it to return the function in which a copied

value is in the closure, no longer connected to i\*/

}

for (var i = repeatCount; i < MaxHolidaysPerPage; i++) //hide the unnecessary holidays on the page

{

document.getElementById("imgHoliday" + (i + 1)).style.visibility = "hidden";

document.getElementById("priceHoliday" + (i + 1)).style.visibility = "hidden";

document.getElementById("shortDescriptionHoliday" + (i + 1)).style.visibility = "hidden";

document.getElementById("tableHoliday" + (i + 1)).onclick = function () {};

}

document.getElementById("imgPreviousPage").style.visibility = "visible";

if (CurrentPage > 1) //there is previous page

{

if (IndexPage) {

document.getElementById("imgPreviousPage").src = "Pictures/Buttons/ButtonArrowLeft.png";

} else {

document.getElementById("imgPreviousPage").src = "../Pictures/Buttons/ButtonArrowLeft.png";

}

document.getElementById("imgPreviousPage").onclick = ButtonPreviousPage\_OnClick;

document.getElementById("imgPreviousPage").onmouseenter = function () {

ButtonPreviousPage\_OnMouseEnter(this)

};

document.getElementById("imgPreviousPage").onmouseleave = function () {

ButtonPreviousPage\_OnMouseLeave(this)

};

} else {

if (IndexPage) {

document.getElementById("imgPreviousPage").src = "Pictures/Buttons/ButtonArrowLeft-Grey.png";

} else {

document.getElementById("imgPreviousPage").src = "../Pictures/Buttons/ButtonArrowLeft-Grey.png";

}

document.getElementById("imgPreviousPage").onclick = function () {};

document.getElementById("imgPreviousPage").onmouseenter = function () {};

document.getElementById("imgPreviousPage").onmouseleave = function () {};

}

document.getElementById("imgNextPage").style.visibility = "visible";

if (CurrentPage < allPages) //there is next page

{

if (IndexPage) {

document.getElementById("imgNextPage").src = "Pictures/Buttons/ButtonArrowRight.png";

} else {

document.getElementById("imgNextPage").src = "../Pictures/Buttons/ButtonArrowRight.png";

}

document.getElementById("imgNextPage").onclick = ButtonNextPage\_OnClick;

document.getElementById("imgNextPage").onmouseenter = function () {

ButtonNextPage\_OnMouseEnter(this)

};

document.getElementById("imgNextPage").onmouseleave = function () {

ButtonNextPage\_OnMouseLeave(this)

};

} else {

if (IndexPage) {

document.getElementById("imgNextPage").src = "Pictures/Buttons/ButtonArrowRight-Grey.png";

} else {

document.getElementById("imgNextPage").src = "../Pictures/Buttons/ButtonArrowRight-Grey.png";

}

document.getElementById("imgNextPage").onclick = function () {};

document.getElementById("imgNextPage").onmouseenter = function () {};

document.getElementById("imgNextPage").onmouseleave = function () {};

}

document.getElementById("spanCurrentPage").style.visibility = "visible";

document.getElementById("spanCurrentPage").innerHTML = "<b>Page: " + CurrentPage + "/" + allPages + "</b>";

} else {

HideHolidays();

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HideHolidays() {

for (var i = 0; i < MaxHolidaysPerPage; i++) //hide all holidays on the page

{

document.getElementById("imgHoliday" + (i + 1)).style.visibility = "hidden";

document.getElementById("priceHoliday" + (i + 1)).style.visibility = "hidden";

document.getElementById("shortDescriptionHoliday" + (i + 1)).style.visibility = "hidden";

}

document.getElementById("imgPreviousPage").style.visibility = "hidden";

document.getElementById("imgNextPage").style.visibility = "hidden";

document.getElementById("spanCurrentPage").style.visibility = "hidden";

}

//--------------------------------------------------------------------------------------------------------------------------------------

function ProcessHoliday(indexOnPage) {

//alert("indexOnPage: " + indexOnPage);

var arrayIndex;

var id;

arrayIndex = ((CurrentPage - 1) \* MaxHolidaysPerPage) + indexOnPage - 1; //-1 because 1st array index is 0, but 1st index of holiday on page is 1

//alert("arrayIndex: " + arrayIndex);

id = ArrayHolidays[arrayIndex].ID;

//alert("id: " + id);

SetCookie("HolidayID", id, 7);

//alert("window.location.pathname: " + window.location.pathname);

if (window.location.pathname.includes("Index.html")) {

window.location.assign(window.location.hostname + window.location.pathname.substring(0, window.location.pathname.indexOf("Index.html")) + "Web/HolidayInfo.html"); //Redirrect to HolidayInfo page

} else {

window.location.assign(window.location.hostname + window.location.pathname.substring(0, (window.location.pathname.indexOf("Web/") + "Web/".length)) + "HolidayInfo.html"); //Redirrect to HolidayInfo page

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_ShowCurrentImage() {

document.getElementById("imgHoliday").src = Holiday.PicturesURL[CurrentImage];

if (CurrentImage == Holiday.PicturesURL.length - 1) //there are no more images after

{

document.getElementById("imgNextImage").src = "../Pictures/Buttons/ButtonArrowRight-Grey.png";

document.getElementById("imgNextImage").onclick = function () {};

document.getElementById("imgNextImage").onmouseenter = function () {};

document.getElementById("imgNextImage").onmouseleave = function () {};

} else {

document.getElementById("imgNextImage").src = "../Pictures/Buttons/ButtonArrowRight.png";

document.getElementById("imgNextImage").onclick = HolidayInfo\_ShowNextImage;

document.getElementById("imgNextImage").onmouseenter = function () {

ButtonNextPage\_OnMouseEnter(this)

};

document.getElementById("imgNextImage").onmouseleave = function () {

ButtonNextPage\_OnMouseLeave(this)

};

}

if (CurrentImage == 0) //there are no more images before

{

document.getElementById("imgPreviousImage").src = "../Pictures/Buttons/ButtonArrowLeft-Grey.png";

document.getElementById("imgPreviousImage").onclick = function () {};

document.getElementById("imgPreviousImage").onmouseenter = function () {};

document.getElementById("imgPreviousImage").onmouseleave = function () {};

} else {

document.getElementById("imgPreviousImage").src = "../Pictures/Buttons/ButtonArrowLeft.png";

document.getElementById("imgPreviousImage").onclick = HolidayInfo\_ShowPreviousImage;

document.getElementById("imgPreviousImage").onmouseenter = function () {

ButtonPreviousPage\_OnMouseEnter(this)

};

document.getElementById("imgPreviousImage").onmouseleave = function () {

ButtonPreviousPage\_OnMouseLeave(this)

};

}

document.getElementById("spanCurrentImage").innerHTML = "Image " + (CurrentImage + 1) + " / " + Holiday.PicturesURL.length + " ";

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_ShowNextImage() {

CurrentImage++;

HolidayInfo\_ShowCurrentImage();

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_ShowPreviousImage() {

CurrentImage--;

HolidayInfo\_ShowCurrentImage();

}

//--------------------------------------------------------------------------------------------------------------------------------------

function HolidayInfo\_UpdateVote() {

//alert("Holiday.Voted: " + Holiday.Voted);

if (CheckCookie("nickname")) //user is logged in

{

if (Holiday.Voted == "true") {

//alert("Holiday.VotedValue: " + Holiday.VoteValue);

if (Holiday.VoteValue == 1) {

document.getElementById("imgButtonLike").src = "../Pictures/Buttons/ButtonLike.png";

document.getElementById("imgButtonLike").onclick = function () {};

document.getElementById("imgButtonDislike").src = "../Pictures/Buttons/ButtonDislike\_BW.png";

document.getElementById("imgButtonDislike").onclick = function () {

Vote(-1);

};

} else {

if (Holiday.VoteValue == -1) {

document.getElementById("imgButtonLike").src = "../Pictures/Buttons/ButtonLike\_BW.png";

document.getElementById("imgButtonLike").onclick = function () {

Vote(1);

};

document.getElementById("imgButtonDislike").src = "../Pictures/Buttons/ButtonDislike.png";

document.getElementById("imgButtonDislike").onclick = function () {};

}

}

document.getElementById("imgButtonLike").onmouseenter = function () {};

document.getElementById("imgButtonLike").onmouseleave = function () {};

document.getElementById("imgButtonDislike").onmouseenter = function () {};

document.getElementById("imgButtonDislike").onmouseleave = function () {};

} else {

if (Holiday.Voted == "false") {

document.getElementById("imgButtonLike").src = "../Pictures/Buttons/ButtonLike\_BW.png";

document.getElementById("imgButtonLike").onclick = function () {

Vote(1);

};

document.getElementById("imgButtonDislike").src = "../Pictures/Buttons/ButtonDislike\_BW.png";

document.getElementById("imgButtonDislike").onclick = function () {

Vote(-1);

};

document.getElementById("imgButtonLike").onmouseenter = function () {

HolidayInfo\_ButtonLike\_OnMouseEnter(this)

};

document.getElementById("imgButtonLike").onmouseleave = function () {

HolidayInfo\_ButtonLike\_OnMouseLeave(this)

};

document.getElementById("imgButtonDislike").onmouseenter = function () {

HolidayInfo\_ButtonDislike\_OnMouseEnter(this)

};

document.getElementById("imgButtonDislike").onmouseleave = function () {

HolidayInfo\_ButtonDislike\_OnMouseLeave(this)

};

}

}

} else //user is nor logged in

{

document.getElementById("imgButtonLike").onclick = function () {

document.getElementById("spanErrorVote").style.visibility = "visible";

};

document.getElementById("imgButtonDislike").onclick = function () {

document.getElementById("spanErrorVote").style.visibility = "visible";

};

}

}

//--------------------------------------------------------------------------------------------------------------------------------------

function Vote(voteValue) {

var params;

var holidayID;

var nickname;

holidayID = GetCookie("HolidayID");

nickname = GetCookie("nickname");

//alert("voteValue: " + voteValue);

Http = new XMLHttpRequest();

Http.open("POST", Url, true);

if (Holiday.Voted == "false") {

params = "operation=vote" + "&VoteValue=" + voteValue + "&HolidayID=" + holidayID + "&Nickname=" + nickname;

} else {

if (Holiday.Voted == "true") {

params = "operation=changeVote" + "&VoteValue=" + voteValue + "&HolidayID=" + holidayID + "&Nickname=" + nickname;

}

}

//Send the proper header information along with the request

Http.setRequestHeader("Content-type", "application/x-www-form-urlencoded");

Http.onreadystatechange = function () { //Call a function when the state changes.

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

//alert("Http.responseText: " + Http.responseText);

if (Http.responseText.includes("Error.")) //response contains the phrase "Error."

{

alert(Http.responseText.substring(Http.responseText.indexOf("Error.")));

} else {

if (Http.responseText.includes("Success.")) //response contains the phrase "Success."

{

if (Holiday.Voted == "false") {

Holiday.Voted = "true";

}

Holiday.VoteValue = voteValue;

HolidayInfo\_UpdateVote();

}

}

}

}

Http.send(params);

}

//End - Additional functions---------------------------------------------------------------------------------------------------------------------------------

//Animations-------------------------------------------------------------------------------------------------------------------------------------------------

function ButtonHome\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonHome\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonHome\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonHome\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonHome.png";

} else {

button.src = "../Pictures/Buttons/ButtonHome.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonSearch\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonSearch\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonSearch\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonSearch\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonSearch.png";

} else {

button.src = "../Pictures/Buttons/ButtonSearch.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonContactUs\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonContactUs\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonContactUs\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonContactUs\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonContactUs.png";

} else {

button.src = "../Pictures/Buttons/ButtonContactUs.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonRegister\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonRegister\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonRegister\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonRegister\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonRegister.png";

} else {

button.src = "../Pictures/Buttons/ButtonRegister.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonLogin\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonLogIn\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonLogIn\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonLogin\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonLogIn.png";

} else {

button.src = "../Pictures/Buttons/ButtonLogIn.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonLogout\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonLogOut\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonLogOut\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonLogout\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonLogOut.png";

} else {

button.src = "../Pictures/Buttons/ButtonLogOut.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonPreviousPage\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonArrowLeft\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonArrowLeft\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonPreviousPage\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonArrowLeft.png";

} else {

button.src = "../Pictures/Buttons/ButtonArrowLeft.png";

}

}

//-------------------------------------------------------------------------------------------------------

function ButtonNextPage\_OnMouseEnter(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonArrowRight\_H.png";

} else {

button.src = "../Pictures/Buttons/ButtonArrowRight\_H.png";

}

}

//-------------------------------------------------------------------

function ButtonNextPage\_OnMouseLeave(button) {

if (window.location.pathname.includes("Index.html")) {

button.src = "Pictures/Buttons/ButtonArrowRight.png";

} else {

button.src = "../Pictures/Buttons/ButtonArrowRight.png";

}

}

//-------------------------------------------------------------------------------------------------------

function HolidayInfo\_ButtonBuy\_OnMouseEnter(button) {

button.src = "../Pictures/Buttons/ButtonBuy\_H.png";

}

//-------------------------------------------------------------------

function HolidayInfo\_ButtonBuy\_OnMouseLeave(button) {

button.src = "../Pictures/Buttons/ButtonBuy.png";

}

//-------------------------------------------------------------------------------------------------------

function HolidayInfo\_ButtonComment\_OnMouseEnter(button) {

button.src = "../Pictures/Buttons/ButtonComment\_H.png";

}

//-------------------------------------------------------------------

function HolidayInfo\_ButtonComment\_OnMouseLeave(button) {

button.src = "../Pictures/Buttons/ButtonComment.png";

}

//-------------------------------------------------------------------------------------------------------

function HolidayInfo\_ButtonLike\_OnMouseEnter(button) {

button.src = "../Pictures/Buttons/ButtonLike.png";

}

//-------------------------------------------------------------------

function HolidayInfo\_ButtonLike\_OnMouseLeave(button) {

button.src = "../Pictures/Buttons/ButtonLike\_BW.png";

}

//-------------------------------------------------------------------------------------------------------

function HolidayInfo\_ButtonDislike\_OnMouseEnter(button) {

button.src = "../Pictures/Buttons/ButtonDislike.png";

}

//-------------------------------------------------------------------

function HolidayInfo\_ButtonDislike\_OnMouseLeave(button) {

button.src = "../Pictures/Buttons/ButtonDislike\_BW.png";

}

//-------------------------------------------------------------------------------------------------------

//End - Animations-------------------------------------------------------------------------------------------------------------------------------------------

**5.2 Server Side**

**5.2.1.DataBase dump file**

-- Host: 127.0.0.1 Database: mydb

-- ------------------------------------------------------

-- Server version 5.7.16-log

/\*!40101 SET @OLD\_CHARACTER\_SET\_CLIENT=@@CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET @OLD\_CHARACTER\_SET\_RESULTS=@@CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET @OLD\_COLLATION\_CONNECTION=@@COLLATION\_CONNECTION \*/;

/\*!40101 SET NAMES utf8 \*/;

/\*!40103 SET @OLD\_TIME\_ZONE=@@TIME\_ZONE \*/;

/\*!40103 SET TIME\_ZONE='+00:00' \*/;

/\*!40014 SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0 \*/;

/\*!40014 SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0 \*/;

/\*!40101 SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='NO\_AUTO\_VALUE\_ON\_ZERO' \*/;

/\*!40111 SET @OLD\_SQL\_NOTES=@@SQL\_NOTES, SQL\_NOTES=0 \*/;

--

-- Table structure for table `comments`

--

DROP TABLE IF EXISTS `comments`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `comments` (

`ID` int(11) NOT NULL AUTO\_INCREMENT,

`Comment` varchar(500) NOT NULL,

`Nickname` varchar(30) NOT NULL,

`HolidayID` int(11) NOT NULL,

`DateTime` datetime NOT NULL,

PRIMARY KEY (`ID`),

KEY `Nickname\_idx` (`Nickname`),

KEY `HolidayID\_idx` (`HolidayID`),

CONSTRAINT `NN` FOREIGN KEY (`Nickname`) REFERENCES `users` (`Nickname`) ON DELETE NO ACTION ON UPDATE CASCADE,

CONSTRAINT `commentsHolidayID` FOREIGN KEY (`HolidayID`) REFERENCES `holidays` (`ID`) ON DELETE NO ACTION ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=7 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `comments`

--

LOCK TABLES `comments` WRITE;

/\*!40000 ALTER TABLE `comments` DISABLE KEYS \*/;

INSERT INTO `comments` VALUES (1,'Test comment','test',3,'2018-01-27 18:08:45'),(2,'Another comment.','test',3,'2018-08-04 23:04:45'),(3,'Още един коментар.','test',3,'2018-08-08 17:47:29'),(4,'Много готино място за почивка!','test',2,'2018-08-08 17:51:53'),(5,'Много хубаво местенце за отдих! Всичко е перфектно! :)','I.Ivanov',1,'2018-08-08 17:53:25'),(6,'Идеално място за почивка далеч от шумния град.','I.Ivanov',3,'2018-08-08 17:55:20');

/\*!40000 ALTER TABLE `comments` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `holidays`

--

DROP TABLE IF EXISTS `holidays`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `holidays` (

`ID` int(11) NOT NULL AUTO\_INCREMENT,

`HolidayName` varchar(45) NOT NULL,

`Destinations` varchar(200) NOT NULL,

`Days` int(11) NOT NULL,

`Price` double NOT NULL,

`StartDate` datetime NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`EndDate` datetime NOT NULL,

`PicturesURL` varchar(3000) NOT NULL DEFAULT 'Pictures\\Holidays\\HolidayNotAvailable.jpg',

`ShortDescription` varchar(150) NOT NULL,

`Description` varchar(10000) NOT NULL,

`VoteUpCount` int(11) NOT NULL DEFAULT '0',

`VoteDownCount` int(11) NOT NULL DEFAULT '0',

PRIMARY KEY (`ID`)

) ENGINE=InnoDB AUTO\_INCREMENT=10 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `holidays`

--

LOCK TABLES `holidays` WRITE;

/\*!40000 ALTER TABLE `holidays` DISABLE KEYS \*/;

INSERT INTO `holidays` VALUES (1,'Chateau Windy Hills','Chateau Windy Hills\*\* край Сливенски минерални бани',2,95,'2018-03-03 14:00:00','2018-08-30 23:59:59','Pictures\\Holidays\\Chateau Windy Hills\\1.jpeg;Pictures\\Holidays\\Chateau Windy Hills\\2.png;Pictures\\Holidays\\Chateau Windy Hills\\3.jpeg;Pictures\\Holidays\\Chateau Windy Hills\\4.png;Pictures\\Holidays\\Chateau Windy Hills\\5.png;Pictures\\Holidays\\Chateau Windy Hills\\6.png;Pictures\\Holidays\\Chateau Windy Hills\\7.jpeg;Pictures\\Holidays\\Chateau Windy Hills\\8.png;Pictures\\Holidays\\Chateau Windy Hills\\9.jpeg;Pictures\\Holidays\\Chateau Windy Hills\\10.png;Pictures\\Holidays\\Chateau Windy Hills\\11.jpeg;Pictures\\Holidays\\Chateau Windy Hills\\12.png','Почивка край Сливенски минерални бани. Две нощувки със закуски и вечери за двама, от Chateau Windy Hills\*\*',' Мечтаете си за романтично бягство от града? Chateau Windy Hills\*\* ви очаква до Сливенски минерални бани, с възможност да опитате отбрани сортове вино от собствената му изба!\nОфертата включва още разходка с екскурзовод из производствените зали, цеха за бутилиране на вината, избата за съхранението им и атракционната кула.\n\n С предварителна резервация на: 0886 467 444, 0886 977 933.\n Един ваучер е за двама, настанени в двойна стая.\n Вечерята е по двустепенно сет меню (основно ястие и десерт), плюс чаша вино (бяло или червено).\n Офертата включва още разходка с екскурзовод из производствените зали, цеха за бутилиране на вината, избата за съхранението им и атракционната кула.\n\n Дете до 3 ненавършени години се настанява безплатно.\n За дете от 3 до 12 ненавършени години, настанено на допълнително легло, се доплащат на рецепция 10лв на ден, на база нощувка със закуска.\n За дете на и над 12г или трети възрастен на допълнително легло се доплащат на рецепция 20лв на ден, на база нощувка със закуска.\n\n Chateau Windy Hills е разположено на 12км западно от Сливен на главен път София - Бургас в непосредствена близост до Сливенски минерални бани. Разполага с масив от 420 декара лозови насаждения от висококачествен френски посадъчен материал от сортовете \"Мерло\", \"Каберне Совиньон\", \"Сира\" и \"Александрийски Мускат\". Избата е проектирана за преработка на 500 тона грозде при затворен технологичен цикъл.\n\n Сградата е разположена в центъра на лозовия масив, а от нейната атракционна кула се открива прекрасна гледка към масива и околностите. Комплекс \"Windy Hills\" разполага с ресторант със зимна и лятна градина с по 80 места. В специално обособената дегустационна зала с 25 места нашите гости могат да дегустират уникалния вкус на вината.\n\n В четиризвездната хотелска част в Chateau Windy Hills\*\* има 11 уютни двойни стаи за двама, където гостите ни биха могли да прекарат истински релаксиращ уикенд. За посетителите се организира разходка с екскурзовод (технолог винар) из производствените зали, цеха за бутилиране на вината, избата за съхранението им, атракционната кула и други.',2,0),(2,'Хотел Снежанка','Хотел Снежанка\*\*\* в центъра на Пампорово',5,215,'2018-03-03 14:00:00','2018-08-30 23:59:59','Pictures\\Holidays\\Снежанка\\1.jpeg;Pictures\\Holidays\\Снежанка\\2.jpeg;Pictures\\Holidays\\Снежанка\\3.jpeg;Pictures\\Holidays\\Снежанка\\4.jpeg;Pictures\\Holidays\\Снежанка\\5.jpeg;Pictures\\Holidays\\Снежанка\\6.jpeg;Pictures\\Holidays\\Снежанка\\7.jpeg;Pictures\\Holidays\\Снежанка\\8.jpeg;Pictures\\Holidays\\Снежанка\\9.jpeg;Pictures\\Holidays\\Снежанка\\10.jpeg;Pictures\\Holidays\\Снежанка\\11.jpeg;Pictures\\Holidays\\Снежанка\\12.jpeg;Pictures\\Holidays\\Снежанка\\13.jpeg;Pictures\\Holidays\\Снежанка\\14.jpeg;Pictures\\Holidays\\Снежанка\\15.jpeg;Pictures\\Holidays\\Снежанка\\16.jpeg','Прохладно лято в Пампорово! 2, 3 или 5 нощувки на база All Inclusive, от Хотел Снежанка\*\*\*',' Отдайте се на прохлада и релакс през горещото лято в Пампорово! Хотел Снежанка\*\*\* ви очаква със страхотно предложение в центъра на любимия ви курорт!\n\n 5 нощувки на база All Inclusive - за 215лв на човек.\n\n All Inclusive пакетът включва:\n\n • Закуска от 7:30 - 10:00ч - блок маса в основния ресторант на хотела с включени топли напитки;\n • Обяд от 12:30 - 14:00ч - блок маса в основния ресторант на хотела с включени напитки - кафе и чай, безалкохолно, минерална вода и българско вино бяло/червено и бира; Обядът може да бъде \"сух пакет\" при заявка на рецепция един ден предварително;\n • Следобедна закуска от 16:00 - 17:00ч - основния ресторант - пици, сандвичи, дребни сладки, кроасанчета и кекс;\n • Вечеря от 19:00 - 21:30ч - блок маса в основния ресторант на хотела - кафе и чай, безалкохолно, минерална вода и български алкохолни напитки, вино, бира;\n • Напитки от 14:00 - 22:00ч - в основния ресторанта на хотела - кафе, чай, безалкохолни напитки, минерална вода, български алкохолни напитки, вино бяло/червено и бира.\n\n Изхранването е на блок маса при повече от 20 гости.\n\n С предварителна резервация на: 03095/83 16, 0885 838 410, 02/878 010 и 0887 08 2050.\n\n Един ваучер е за 1 човек, настанен в двойна стая при двама настанени пълноплащащи.\nОфертата включва още ползване на вътрешен басейн, сауна, Wi-fi, застраховка, туристическа такса, 9% ДДС.\n\n Дете до 6 ненавършени години се на допълнително легло в двойна стая с двама възрастни се настанява безплатно.\n За дете от 6 до 12 ненавършени години на допълнително легло в двойна стая се доплащат на рецепция 16лв/ден, на база пакета.\n За дете от 2 до 12 ненавършени години на редовно легло в двойна стая се доплащат на рецепция 50% от стойността на ваучера за съответния вариант.\n Възрастен (на и над 12г) на допълнително легло в двойна стая доплаща на рецепция 75% от стойността на ваучера за съответния вариант.\n\n За настаняване в апартамент е необходимо да се грабнат 3 ваучера.\n\n\n Хотел Снежанка\*\*\* e елегантен хотел с идеално местоположение в центъра на ски курорта Пампорово. Хотелът разполага с 67 двойни стаи и 86 апартамента с общ капацитет oколо 250 гости. Гостите могат да релаксират с питие в модерния 80 местен лоби-бар.\n\n Ресторантът на хотела предлага уютна атмосфера и разнообразие от ястия с капацитет от 280 места. Може да се насладите на закуска на блок-масата или в комфорта на вашата стая. 80 местната механа е с автентичен родопски интериор. Комплексът включва още дискотека, магазин, детски кът, игрална зала, компютърен клуб, безплатен паркинг и Wi-Fi интернет на своите посетители.',2,0),(3,'Комплекс Старосел','Комплекс Старосел\*\*\* в с. Старосел',1,135,'2018-03-03 14:00:00','2018-08-30 23:59:59','Pictures\\Holidays\\Старосел\\1.jpeg;Pictures\\Holidays\\Старосел\\2.jpeg;Pictures\\Holidays\\Старосел\\3.jpeg;Pictures\\Holidays\\Старосел\\4.jpeg;Pictures\\Holidays\\Старосел\\5.jpeg;Pictures\\Holidays\\Старосел\\6.jpeg;Pictures\\Holidays\\Старосел\\7.jpeg;Pictures\\Holidays\\Старосел\\8.jpeg;Pictures\\Holidays\\Старосел\\9.jpeg;Pictures\\Holidays\\Старосел\\10.jpeg;Pictures\\Holidays\\Старосел\\11.jpeg;Pictures\\Holidays\\Старосел\\12.jpeg;Pictures\\Holidays\\Старосел\\13.jpeg;Pictures\\Holidays\\Старосел\\14.jpeg;Pictures\\Holidays\\Старосел\\15.jpeg;Pictures\\Holidays\\Старосел\\16.jpeg','SPA релакс край Хисаря! Нощувка със закуска за трима, от Комплекс Старосел\*\*\*, с. Старосел',' Чували ли сте за винарска изба Старосел, за останките от тракийска култура по тези места? Дайте си глътка релакс в хотел Старосел\*\*\*, а може и да отскочите до Хисаря да си налеете лековита вода!\n\n Делничен пакет: 1 нощувка със закуска в апартамент за трима възрастни, или двама възрастни и две деца до 12г - за 135лв.\n\n Офертата включва още:\n • открит и закрит минерален басейн;\n • джакузи с минерална вода;\n • парна баня, сауна, релакс зона;\n • паркинг, интернет;\n • винен тур.\n\n Офертата важи за настаняване от Неделя до Четвъртък.\n С предварителна резервация на: 0897 870 908.\n\n Анулации, промени по резервации и неявяванане:\n • Повече от 10 дни от датата на пристигане - 0% от стойността на стаите;\n • Между 10-тия и до ден преди пристигането - 50% от стойността на стаите;\n • Анулиране на деня или непристигане се заплаща 100% от стойността на стаите.\n\n Един ваучер е за трима възрастни или двама възрастни и две деца до 12 ненавършени години, настанени в апартамент в апартхотел Старосел.\n\n Офертата включва още:\n • открит и закрит минерален басейн;\n • джакузи с минерална вода;\n • парна баня, сауна, релакс зона;\n • паркинг, интернет;\n • винен тур.\n\n Деца до 2 ненавършени години се настаняват безплатно.\n За едно дете от 2 до 12 ненавършени години се доплащат на рецепция 25лв на ден, на база пакета.\n За второ дете от 2 до 12 ненавършени години в студио се доплащат на рецепция 15лв на ден, на база пакета.\n\n Апартамент \"Приятели\" е с две спални за настаняване на четирима възрастни или двама възрастни и две деца.\n\n За домашни любимци се заплащат 15лв на нощувка, с предварително одобрение на любимеца от ръководството на хотела. Моля да уведомите предварително, ако възнамерявате да посетите хотела с домашен любимец.\n\n\n Комплексът за винен и SPA туризъм Старосел\*\*\* разполага общо с 42 места за настаняване. Интериорът на хотела е изпълнен с естествените материали и ръчно изработените мебели и тъкани, които представят магията на българския фолклор. Съчетанието на топлите цветове с природните извивки на дървото предлагат на гостите едно незабравимо преживяване.\n\n Винарска изба Старосел е разположена в подножието на древен тракийски храм. Разкритите в и около храма винарски съдове и пособия за правене на вино категорично доказват, че траките са преработвали грозде и пиели вино в околностите на село Старосел още V-VІ век преди Христа.\n\n Наред с безценните исторически паметници това е още едно наследство, с което като българи трябва да се гордеем. Направените от екипа на д-р Китов археологически разкрития с право нареждат Старосел между най-старите винени тероари в света. ',2,0);

/\*!40000 ALTER TABLE `holidays` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `orders`

--

DROP TABLE IF EXISTS `orders`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `orders` (

`ID` int(11) NOT NULL AUTO\_INCREMENT,

`Description` varchar(200) NOT NULL,

`TotalPrice` double NOT NULL,

`DateOrdered` datetime NOT NULL,

`Nickname` varchar(30) NOT NULL,

`HolidayID` int(11) NOT NULL,

PRIMARY KEY (`ID`),

KEY `UserName\_idx` (`Nickname`),

KEY `ordersHolidayID\_idx` (`HolidayID`),

CONSTRAINT `UserName` FOREIGN KEY (`Nickname`) REFERENCES `users` (`Nickname`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `ordersHolidayID` FOREIGN KEY (`HolidayID`) REFERENCES `holidays` (`ID`) ON DELETE NO ACTION ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=5 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `orders`

--

LOCK TABLES `orders` WRITE;

/\*!40000 ALTER TABLE `orders` DISABLE KEYS \*/;

INSERT INTO `orders` VALUES (1,'SPA релакс край Хисаря! Нощувка със закуска за трима, от Комплекс Старосел\*\*\*, с. Старосел',135,'2018-08-08 17:32:36','I.Ivanov',3),(2,'Прохладно лято в Пампорово! 2, 3 или 5 нощувки на база All Inclusive, от Хотел Снежанка\*\*\*',215,'2018-08-08 17:33:24','I.Ivanov',2),(3,'Почивка край Сливенски минерални бани. Две нощувки със закуски и вечери за двама, от Chateau Windy Hills\*\*',95,'2018-08-08 17:33:58','test',1),(4,'SPA релакс край Хисаря! Нощувка със закуска за трима, от Комплекс Старосел\*\*\*, с. Старосел',135,'2018-08-08 17:47:57','test',3);

/\*!40000 ALTER TABLE `orders` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `roles`

--

DROP TABLE IF EXISTS `roles`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `roles` (

`Role` varchar(30) NOT NULL,

`EditSite` bit(1) NOT NULL DEFAULT b'0',

`WriteComments` bit(1) NOT NULL DEFAULT b'0',

`VoteHolidays` bit(1) NOT NULL DEFAULT b'0',

PRIMARY KEY (`Role`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `roles`

--

LOCK TABLES `roles` WRITE;

/\*!40000 ALTER TABLE `roles` DISABLE KEYS \*/;

INSERT INTO `roles` VALUES ('Admin','','',''),('Member','\0','','');

/\*!40000 ALTER TABLE `roles` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `users`

--

DROP TABLE IF EXISTS `users`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `users` (

`Nickname` varchar(30) NOT NULL,

`Password` varchar(30) NOT NULL,

`Role` varchar(30) NOT NULL,

`Email` varchar(50) NOT NULL,

`FirstName` varchar(45) NOT NULL,

`Surname` varchar(45) DEFAULT NULL,

`LastName` varchar(45) NOT NULL,

`Country` varchar(45) NOT NULL,

`Town` varchar(45) NOT NULL,

`Address` varchar(200) NOT NULL,

PRIMARY KEY (`Nickname`),

KEY `\_idx` (`Role`),

CONSTRAINT `Role` FOREIGN KEY (`Role`) REFERENCES `roles` (`Role`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `users`

--

LOCK TABLES `users` WRITE;

/\*!40000 ALTER TABLE `users` DISABLE KEYS \*/;

INSERT INTO `users` VALUES ('I.Ivanov','Admin123','Admin','ivanov@gmail.com','Iskren','I.','Ivanov','Bulgaria','Gabrovo','ul. \"Studentska\" 71, 211'),('test','testQ1','Member','test@asd.bg','test','test','test','test','test','test');

/\*!40000 ALTER TABLE `users` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Table structure for table `votes`

--

DROP TABLE IF EXISTS `votes`;

/\*!40101 SET @saved\_cs\_client = @@character\_set\_client \*/;

/\*!40101 SET character\_set\_client = utf8 \*/;

CREATE TABLE `votes` (

`ID` int(11) NOT NULL AUTO\_INCREMENT,

`HolidayID` int(11) NOT NULL,

`VoteValue` bit(2) NOT NULL DEFAULT b'1',

`Nickname` varchar(30) NOT NULL,

PRIMARY KEY (`ID`),

KEY `Nickname\_idx` (`Nickname`),

KEY `votesHolidayID\_idx` (`HolidayID`),

CONSTRAINT `HolidayID` FOREIGN KEY (`HolidayID`) REFERENCES `holidays` (`ID`) ON DELETE NO ACTION ON UPDATE CASCADE,

CONSTRAINT `Nickname` FOREIGN KEY (`Nickname`) REFERENCES `users` (`Nickname`) ON DELETE NO ACTION ON UPDATE CASCADE

) ENGINE=InnoDB AUTO\_INCREMENT=21 DEFAULT CHARSET=utf8;

/\*!40101 SET character\_set\_client = @saved\_cs\_client \*/;

--

-- Dumping data for table `votes`

--

LOCK TABLES `votes` WRITE;

/\*!40000 ALTER TABLE `votes` DISABLE KEYS \*/;

INSERT INTO `votes` VALUES (6,5,'\0','test'),(8,6,'\0','test'),(9,7,'','test'),(10,8,'\0','test'),(11,1,'','test'),(12,2,'','test'),(13,3,'','test'),(14,4,'\0','test'),(16,1,'','I.Ivanov'),(17,2,'','I.Ivanov'),(18,3,'','I.Ivanov'),(19,4,'\0','I.Ivanov'),(20,6,'','I.Ivanov');

/\*!40000 ALTER TABLE `votes` ENABLE KEYS \*/;

UNLOCK TABLES;

--

-- Dumping events for database 'mydb'

--

--

-- Dumping routines for database 'mydb'

--

/\*!40103 SET TIME\_ZONE=@OLD\_TIME\_ZONE \*/;

/\*!40101 SET SQL\_MODE=@OLD\_SQL\_MODE \*/;

/\*!40014 SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS \*/;

/\*!40014 SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS \*/;

/\*!40101 SET CHARACTER\_SET\_CLIENT=@OLD\_CHARACTER\_SET\_CLIENT \*/;

/\*!40101 SET CHARACTER\_SET\_RESULTS=@OLD\_CHARACTER\_SET\_RESULTS \*/;

/\*!40101 SET COLLATION\_CONNECTION=@OLD\_COLLATION\_CONNECTION \*/;

/\*!40111 SET SQL\_NOTES=@OLD\_SQL\_NOTES \*/;

-- Dump completed on 2018-08-09 2:12:25

**5.2.2 Server.js**

//Libraries ------------------------------------------------------------------------

var HTTP = require('http'),

URL = require('url'),

MySQL = require('mysql');

//-Libraries -----------------------------------------------------------------------

//Global Variables -----------------------------------------------------------------

var Port = 8001;

var Pool = MySQL.createPool({

connectionLimit: 10,

host: 'localhost',

user: 'root',

password: 'BlackSwan93!',

database: 'mysql1'

});

//-Global Variables ----------------------------------------------------------------

HTTP.createServer(

function (request, response) {

var operation;

var startIndex;

var endIndex;

var headers = request.headers;

var method = request.method;

var url = request.url;

var body = [];

var params = [];

request.on('error', function (err) {

console.error(err);

response.statusCode = 400;

response.end();

}).on('data', function (chunk) {

//console.log("Chunk: " + chunk + ".");

body.push(chunk);

}).on('end', function () {

body = Buffer.concat(body).toString();

//console.log(body);

console.log("Request received!");

// At this point, we have the headers, method, url and body, and can now

// do whatever we need to in order to respond to this request.

response.on('error', function (err) {

console.error(err);

});

//console.log("Body: " + body + "\n");

startIndex = body.indexOf("operation=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

//console.log("startIndex: " + startIndex);

//console.log("endIndex: " + endIndex);

if (endIndex <= startIndex) {

endIndex = body.length;

}

startIndex += "operation=".length;

operation = body.substring(startIndex, endIndex);

//console.log("Operation: " + operation);

switch (operation) {

case "register":

{

var counter = 0;

//console.log("Operation register!");

startIndex = body.indexOf("username=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "username=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("username: " + params[counter]);

counter++;

startIndex = body.indexOf("password=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "password=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("password: " + params[counter]);

counter++;

startIndex = body.indexOf("email=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "email=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("email: " + params[counter]);

counter++;

startIndex = body.indexOf("firstName=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "firstName=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("firstName: " + params[counter]);

counter++;

startIndex = body.indexOf("surname=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "surname=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("surname: " + params[counter]);

counter++;

startIndex = body.indexOf("lastName=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "lastName=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("lastName: " + params[counter]);

counter++;

startIndex = body.indexOf("country=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "country=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("country: " + params[counter]);

counter++;

startIndex = body.indexOf("town=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "town=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("town: " + params[counter]);

counter++;

startIndex = body.indexOf("address=");

endIndex = body.length + 1;

startIndex += "address=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("address: " + params[counter]);

//counter++;

break;

}

//------------------------------------------------------------------------------------------------

case "login":

{

var counter = 0;

//console.log("Operation register!");

startIndex = body.indexOf("username=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

startIndex += "username=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("username: " + params[counter]);

counter++;

startIndex = body.indexOf("password=");

endIndex = body.length + 1;

startIndex += "password=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("password: " + params[counter]);

break;

}

//------------------------------------------------------------------------------------------------

case "holidays":

{

//console.log("Operation holidays!");

break;

}

//------------------------------------------------------------------------------------------------

case "search":

{

//console.log("Operation search!");

var counter = 0;

startIndex = body.indexOf("searchedValue=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "searchedValue=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("startIndex: " + startIndex + "\nendIndex: " + endIndex + "\nparams[counter]: " + params[counter]);

//console.log("searchedValue: " + params[counter]);

counter++;

break;

}

//------------------------------------------------------------------------------------------------

case "holidayInfo":

{

//console.log("Operation holidayInfo!");

var counter = 0;

//Index 0

startIndex = body.indexOf("HolidayID=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "HolidayID=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("startIndex: " + startIndex + "\nendIndex: " + endIndex + "\nparams[counter]: " + params[counter]);

//console.log("HolidayID: " + params[counter]);

counter++;

//Index 1

startIndex = body.indexOf("Nickname=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Nickname=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("startIndex: " + startIndex + "\nendIndex: " + endIndex + "\nparams[counter]: " + params[counter]);

//console.log("Nickname: " + params[counter]);

counter++;

break;

}

//------------------------------------------------------------------------------------------------

case "vote":

{

//console.log("Operation holidayInfo!");

var counter = 0;

//Index 0

startIndex = body.indexOf("VoteValue=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "VoteValue=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("VoteValue: " + params[counter]);

counter++;

//Index 1

startIndex = body.indexOf("HolidayID=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "HolidayID=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("HolidayID: " + params[counter]);

counter++;

//Index 2

startIndex = body.indexOf("Nickname=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Nickname=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("Nickname: " + params[counter]);

counter++;

break;

}

//------------------------------------------------------------------------------------------------

case "changeVote":

{

//console.log("Operation holidayInfo!");

var counter = 0;

//Index 0

startIndex = body.indexOf("VoteValue=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "VoteValue=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("VoteValue: " + params[counter]);

counter++;

//Index 1

startIndex = body.indexOf("HolidayID=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "HolidayID=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("HolidayID: " + params[counter]);

counter++;

//Index 2

startIndex = body.indexOf("Nickname=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Nickname=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("Nickname: " + params[counter]);

counter++;

break;

}

//------------------------------------------------------------------------------------------------

case "buyHoliday":

{

//console.log("Operation buyHoliday!");

var counter = 0;

//Index 0

startIndex = body.indexOf("Description=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Description=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("Description: " + params[counter]);

counter++;

//Index 1

startIndex = body.indexOf("TotalPrice=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "TotalPrice=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("TotalPrice: " + params[counter]);

counter++;

//Index 2

startIndex = body.indexOf("Nickname=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Nickname=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("Nickname: " + params[counter]);

counter++;

//Index 3

startIndex = body.indexOf("HolidayID=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "HolidayID=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("HolidayID: " + params[counter]);

counter++;

break;

}

//------------------------------------------------------------------------------------------------

case "commentHoliday":

{

//console.log("Operation buyHoliday!");

var counter = 0;

//Index 0

startIndex = body.indexOf("Comment=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Comment=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("Comment: " + params[counter]);

counter++;

//Index 1

startIndex = body.indexOf("Nickname=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "Nickname=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("Nickname: " + params[counter]);

counter++;

//Index 2

startIndex = body.indexOf("HolidayID=");

endIndex = startIndex + body.substring(startIndex).indexOf("&");

if (endIndex < startIndex) {

endIndex = startIndex + body.substring(startIndex).length;

}

startIndex += "HolidayID=".length;

params[counter] = body.substring(startIndex, endIndex);

//console.log("HolidayID: " + params[counter]);

counter++;

break;

}

}

ConnectToDatabase(response, operation, params);

});

}).listen(Port);

console.log("\nServer initialized!\n");

//Additional functions-------------------------------------------------------------------------------------------------------------------------------------

function ConnectToDatabase(response, operation, params) {

Pool.getConnection(

function (err, connection) {

var sql;

if (err) {

console.log('Error connecting to Db!');

return;

} else {

console.log('Connection to database established!\nConnected as id: ' + connection.threadId + '!');

switch (operation) {

case "register":

{

//console.log(params[0] + "\n" + params[1] + "\n" + params[2] + "\n" + params[3] + "\n" + params[4] + "\n" + params[5] + "\n" + params[6] + "\n" + params[7] + "\n" + params[8] + "\n");

if (params[4] == "") {

connection.query("INSERT INTO users (Nickname, Password, Role, Email, FirstName, LastName, Country, Town, Address) VALUES (?, ?, 'Member', ?, ?, ?, ?, ?, ?)", //? is for avoiding SQL injection attack

[params[0], params[1], params[2], params[3], params[5], params[6], params[7], params[8]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error adding user to database!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Success.");

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

} else {

connection.query("INSERT INTO users (Nickname, Password, Role, Email, FirstName, Surname, LastName, Country, Town, Address) VALUES (?, ?, 'Member', ?, ?, ?, ?, ?, ?, ?)", //? is for avoiding SQL injection attack

[params[0], params[1], params[2], params[3], params[4], params[5], params[6], params[7], params[8]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error adding user to database!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Success.");

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

}

break;

}

//------------------------------------------------------------------------------------------------

case "login":

{

//console.log(params[0] + "\n" + params[1]);

connection.query("SELECT \* FROM users WHERE Nickname=? AND Password=?", //? is for avoiding SQL injection attack

[params[0], params[1]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

var responseMessage;

if (results.length == 0) //Username or password are invalid

{

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

responseMessage = "Fail.";

response.end(responseMessage);

} else //Username and password are correct

{

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

responseMessage = "Success.firstName=" + results[0]["FirstName"] + "&lastName=" + results[0]["LastName"];

response.end(responseMessage);

}

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

break;

}

//------------------------------------------------------------------------------------------------

case "holidays":

{

connection.query("SELECT \* FROM holidays WHERE StartDate < NOW() AND NOW() < EndDate",

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

var responseMessage = "";

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

//Cycle------------------------------------------------------------------------------------------------------

responseMessage += "Success.";

for (var i = 0; i < results.length; i++) {

responseMessage += "ID=" + results[i]["ID"] +

"&HolidayName=" + results[i]["HolidayName"] +

"&Destinations=" + results[i]["Destinations"] +

"&Days=" + results[i]["Days"] +

"&Price=" + results[i]["Price"] +

"&StartDate=" + results[i]["StartDate"] +

"&EndDate=" + results[i]["EndDate"] +

"&PicturesURL=" + results[i]["PicturesURL"] +

"&Description=" + results[i]["Description"] +

"&ShortDescription=" + results[i]["ShortDescription"] +

"&VoteUpCount=" + results[i]["VoteUpCount"] +

"&VoteDownCount=" + results[i]["VoteDownCount"] + ";;";

//console.log(results[i]["HolidayName"] + "\n");

}

response.end(responseMessage);

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

break;

}

//------------------------------------------------------------------------------------------------

case "search":

{

params[0] = '%' + params[0] + '%'; //% means 0 to any count of symbols

connection.query("SELECT \* FROM holidays WHERE (HolidayName LIKE ? OR Destinations LIKE ? OR Description LIKE ? OR ShortDescription LIKE ?) AND StartDate < NOW() AND NOW() < EndDate", //? is for avoiding SQL injection attack

[params[0], params[0], params[0], params[0]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

var responseMessage = "";

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

//Cycle------------------------------------------------------------------------------------------------------

responseMessage += "Success.";

for (var i = 0; i < results.length; i++) {

responseMessage += "ID=" + results[i]["ID"] +

"&HolidayName=" + results[i]["HolidayName"] +

"&Destinations=" + results[i]["Destinations"] +

"&Days=" + results[i]["Days"] +

"&Price=" + results[i]["Price"] +

"&StartDate=" + results[i]["StartDate"] +

"&EndDate=" + results[i]["EndDate"] +

"&PicturesURL=" + results[i]["PicturesURL"] +

"&Description=" + results[i]["Description"] +

"&ShortDescription=" + results[i]["ShortDescription"] +

"&VoteUpCount=" + results[i]["VoteUpCount"] +

"&VoteDownCount=" + results[i]["VoteDownCount"] + ";;";

//console.log(results[i]["HolidayName"] + "\n");

}

response.end(responseMessage);

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

break;

}

//------------------------------------------------------------------------------------------------

case "holidayInfo":

{

connection.query("SELECT \* FROM holidays WHERE ID = ?", //? is for avoiding SQL injection attack

[params[0]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

var responseMessage = "";

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

//Cycle------------------------------------------------------------------------------------------------------

responseMessage += "Success.";

//console.log("\nresults.length: " + results.length);

for (var i = 0; i < results.length; i++) {

responseMessage += "ID=" + results[i]["ID"] +

"&HolidayName=" + results[i]["HolidayName"] +

"&Destinations=" + results[i]["Destinations"] +

"&Days=" + results[i]["Days"] +

"&Price=" + results[i]["Price"] +

"&StartDate=" + results[i]["StartDate"] +

"&EndDate=" + results[i]["EndDate"] +

"&PicturesURL=" + results[i]["PicturesURL"] +

"&Description=" + results[i]["Description"] +

"&ShortDescription=" + results[i]["ShortDescription"] +

"&VoteUpCount=" + results[i]["VoteUpCount"] +

"&VoteDownCount=" + results[i]["VoteDownCount"] + ";;";

//console.log("Description: " + results[i]["Description"].substring(0, 300) + "\n");

}

responseMessage += ";;;";

response.write(responseMessage);

connection.query("SELECT \* FROM comments WHERE HolidayID = ?", //? is for avoiding SQL injection attack

[params[0]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

responseMessage = "";

//Cycle------------------------------------------------------------------------------------------------------

responseMessage += "Success.";

for (var i = 0; i < results.length; i++) {

responseMessage += "ID=" + results[i]["ID"] +

"&Comment=" + results[i]["Comment"] +

"&Nickname=" + results[i]["Nickname"] +

"&HolidayID=" + results[i]["HolidayID"] +

"&DateTime=" + results[i]["DateTime"] + ";;";

//console.log("results[i][\"Comment\"]: " + results[i]["Comment"] + "\n");

}

responseMessage += ";;;";

response.write(responseMessage);

connection.query("SELECT CAST(VoteValue AS UNSIGNED) AS VoteValue FROM votes WHERE HolidayID = ? AND Nickname = ?", //? is for avoiding SQL injection attack

[params[0], params[1]], //params replacing the ?

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.end("Error. Error code: " + error.code);

} else {

responseMessage = "";

//Cycle------------------------------------------------------------------------------------------------------

responseMessage += "Success.";

if (results.length > 0) {

//console.log("\nresults[0]['VoteValue']: " + (results[0]["VoteValue"] - 1));

responseMessage += "Voted=true" + "&VoteValue=" + (results[0]["VoteValue"] - 1);

} else {

responseMessage += "Voted=false.";

}

responseMessage += ";;";

response.end(responseMessage);

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

}

});

}

});

break;

}

//------------------------------------------------------------------------------------------------

case "vote":

{

var SQL;

if (params[0] == 1) //VoteValue

{

SQL = "INSERT INTO votes (VoteValue, HolidayID, Nickname) VALUES (b'10', ?, ?)";

} else {

if (params[0] == -1) {

SQL = "INSERT INTO votes (VoteValue, HolidayID, Nickname) VALUES (b'00', ?, ?)";

}

}

connection.query(SQL, [params[1], params[2]],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

var responseMessage = "";

var SQL;

if (params[0] == 1) //VoteValue

{

SQL = "UPDATE holidays SET VoteUpCount = VoteUpCount + 1 WHERE ID = ?";

} else {

if (params[0] == -1) {

SQL = "UPDATE holidays SET VoteDownCount = VoteDownCount + 1 WHERE ID = ?";

}

}

connection.query(SQL,

params[1],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

responseMessage += "Success.";

response.end(responseMessage);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

}

});

}

});

break;

}

//------------------------------------------------------------------------------------------------

case "changeVote":

{

var SQL;

if (params[0] == 1) //VoteValue

{

SQL = "UPDATE votes SET VoteValue = b'10' WHERE HolidayID = ? AND Nickname = ?";

} else {

if (params[0] == -1) {

SQL = "UPDATE votes SET VoteValue = b'00' WHERE HolidayID = ? AND Nickname = ?";

}

}

connection.query(SQL, [params[1], params[2]],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

var SQL;

if (params[0] == 1) //VoteValue

{

SQL = "UPDATE holidays SET VoteUpCount = VoteUpCount + 1 WHERE ID = ?";

} else {

if (params[0] == -1) {

SQL = "UPDATE holidays SET VoteDownCount = VoteDownCount + 1 WHERE ID = ?";

}

}

connection.query(SQL,

params[1],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

var responseMessage = "";

var SQL;

if (params[0] == 1) //VoteValue

{

SQL = "UPDATE holidays SET VoteDownCount = VoteDownCount - 1 WHERE ID = ?";

} else {

if (params[0] == -1) {

SQL = "UPDATE holidays SET VoteUpCount = VoteUpCount - 1 WHERE ID = ?";

}

}

connection.query(SQL,

params[1],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

} else {

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

responseMessage += "Success.";

response.end(responseMessage);

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

}

});

}

});

}

});

break;

}

//------------------------------------------------------------------------------------------------

case "buyHoliday":

{

connection.query("INSERT INTO orders (Description, TotalPrice, DateOrdered, Nickname, HolidayID) VALUES (?, ?, NOW(), ?, ?)", [params[0], params[1], params[2], params[3]],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

var responseMessage = "";

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

responseMessage += "Success.";

response.end(responseMessage);

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

break;

}

//------------------------------------------------------------------------------------------------

case "commentHoliday":

{

connection.query("INSERT INTO comments (Comment, Nickname, HolidayID, DateTime) VALUES (?, ?, ?, NOW())", [params[0], params[1], params[2]],

function (error, results, fields) {

if (error) {

console.log('Error in sending query!\nError code: ' + error.code + "\n");

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

response.end("Error. Error code: " + error.code);

} else {

var responseMessage = "";

response.writeHead(200, {

"Content-Type": "text/plain",

"Access-Control-Allow-Origin": "\*"

});

responseMessage += "Success.";

response.end(responseMessage);

}

console.log("Response sent!");

connection.release();

console.log("Connection to database released!\n\n");

});

break;

}

//------------------------------------------------------------------------------------------------

default:

{

connection.release();

console.log("Connection to database released!\n\n");

break;

}

}

}

});

}

//End - Additional functions-------------------------------------------------------------------------------------------------------------------------------