

ASP.NET Test Project May 2018

We are BARTIZAN DIRECT SHOWS company, we work in lead retrieval industry,

Read the following scenario.

Assume you are in a college and there are a lot of sessions to be attended by attendees, and you need to know who attended it and want to create some reports to grant certificates to the attendees based on their attendance

Develop the following 2 pages:

Sessions page:

- page to insert the sessions with all the session details required in addition to a grid to show the inserted sessions. In this page, you will create two sections:
 1. To insert the sessions with all the session details required.
 2. Show sessions in a grid.

Every session has different times, you have the bellow table as a reference.

Session Name	Start date	End date	Room
Oracle	5/23/2018 10:00 AM	5/23/2018 11:30 AM	Hall
	5/24/2018 4:00 PM	5/24/2018 7:00 PM	Room C
Web API	5/23/2018 9:00 AM	5/23/2018 11:30 AM	Show Floor

	5/24/2018 2:00 PM	5/24/2018 5:00 PM	Conference Court
	5/24/2018 4:00 PM	5/24/2018 7:00 PM	
Microsoft Technologies	5/25/2018 8:00 AM	5/25/2018 4:30 PM	Conference Court

Notes:

1. Validation not required
2. Times overlap validation not required
3. Update session or session times not required
4. Don't waste time in the UI and design, we need to save the data only and show it in a grid.
5. Use SQL database.

Upload Attendee CSV Page:

- A page to upload a CSV file that contains the attendees list with sessions they attended in addition to a grid that shows the imported data of the attendees and their attended sessions. In this page, you will create two sections:
 1. Upload CSV File
 2. Show attendees in a grid with a data filter above the grid
- Upload CSV File:
 1. Mandatory columns in the CSV are (Attendee ID, Session Time ID), validation on the CSV file
 2. Attendee ID → generate attendee IDs - static numbers (1,2,3,4,5,6,7,.....)
 3. Session Time ID Comes from sessions page
 - Other than (Attendee ID, Session Time ID) columns are dynamic, the user can use any numbers of columns or any column names.

Ex.

Attendee ID	Session Time ID	First Name	Last Name	Email	Title	Notes
1	3	Jon	Dale	e@emil.com	MR	
2	4	Sara		sara@gmail.com		
3	3	Mark	Lee	lee@outlook.com	DR	Credit
3	5	Mark	Lee	lee@outlook.com	DR	
4	5	Jake	Khan			
4	1	Jake	Khan			

Notes:

1. There is an attached CSV as example in the project email
2. The file language is English (no encode handling needed)
3. You will use the attendee's data imported from the CSV in other pages but this is not a part of this task

Attendee grid

We need a grid to show every attendee data with the attended session, and give the user the ability to filter the grid according the bellow criteria:

1-The user will choose or select different sessions and times

2-The user will select the filter criteria as:

1. Show attendees that attended some or all session e.g. (Anatomical pathology **or** clinical skills for pharmacists) – (Anatomical pathology **and** clinical skills for pharmacists)
2. Show attendees that attended some or all session times e.g. clinical skills for pharmacists times (3/19/2017 from 10:00 am to 11:00 am **OR** 4:00 pm to 6:00 pm **OR** 6:00 pm to 8:00 pm **OR** 8:00 pm to 10:00 pm) – (3/19/2017 from 10:00 am to 11:00 am **AND** 4:00 pm to 6:00 pm **AND** 6:00 pm to 8:00 pm **AND** 8:00 pm to 10:00 pm)

Sessions Selection Example:

Anatomical pathology		
<input type="checkbox"/> 3/19/2017 From 10:00 AM - To 12:12 PM	<input checked="" type="checkbox"/> 3/19/2017 From 12:30 AM - To 3:00 PM	<input type="checkbox"/> 3/19/2017 From 4:00 PM - To 8:00 PM

Clinical Skills for pharmacists		
<input checked="" type="checkbox"/> 3/19/2017 From 10:00 AM - To 11:00 AM	<input checked="" type="checkbox"/> 3/19/2017 From 4:00 PM - To 6:00 PM	<input checked="" type="checkbox"/> 3/19/2017 From 6:00 PM - To 8:00 PM
<input checked="" type="checkbox"/> 3/19/2017 From 8:00 PM - To 10:00 PM		

Medicine in Society		
<input type="checkbox"/> 3/19/2017 From 12:30 PM - To 5:00 PM	<input checked="" type="checkbox"/> 3/19/2017 From 5:00 PM - To 6:00 PM	<input type="checkbox"/> 3/19/2017 From 7:00 PM - To 8:00 PM

Obstetrics and gynaecology		
<input type="checkbox"/> 3/19/2017 From 10:00 AM - To 11:00 AM	<input type="checkbox"/> 3/19/2017 From 4:00 PM - To 6:00 PM	<input type="checkbox"/> 3/19/2017 From 6:00 PM - To 8:00 PM

Filter Criteria:

Filter Option:

- ☐ Filter on any of the selected sessions ☒ Filter on all the selected sessions
-
- ☒ Filter on any of the selected session times ☐ Filter on all the selected session times

Grid Example:

Attendee ID ▲	FIRST NAME	LAST NAME	EMAIL	Sessions	Start Time		End Time	
1	Mahmoud Attendee1	Elmasry1	attendee1@imahmoud.com	Anatomical pathology	3/19/2017	12:30:00 AM	3/19/2017	3:00:00 PM
1	Mahmoud Attendee1	Elmasry1	attendee1@imahmoud.com	Paediatrics & Child Health	3/19/2017	12:30:00 AM	3/19/2017	3:00:00 PM
1	Mahmoud Attendee1	Elmasry1	attendee1@imahmoud.com	Clinical Skills for pharmacists	3/19/2017	10:00:00 AM	3/19/2017	11:00:00 AM
2	Mahmoud Attendee2	Elmasry2	attendee2@imahmoud.com	Anatomical pathology	3/19/2017	12:30:00 AM	3/19/2017	3:00:00 PM
2	Mahmoud Attendee2	Elmasry2	attendee2@imahmoud.com	Paediatrics & Child Health	3/19/2017	12:30:00 AM	3/19/2017	3:00:00 PM

Page size: 100 ▼

General Notes:

1. Use (Asp.net Web Forms or MVC), SQL server, Entity framework.
2. You are free to use any JavaScript lib, [jQuery is preferred].
3. Make useful comment in your code.
4. Your code and the project structure reflect your experience, try to do your best.
5. After you finish the test project archive it to .zip or .rar and upload it to any cloud space like google drive, drop box and send the download link to Mohammed@Bartizan.com

Best of luck