

Lemonjax ASP.NET Exam

Time limit: **1 Hour and 30 minutes.**

1. Create a new database named “dbCrud”
2. On this database, create a table named “Users” with the following columns:

UserID – Primary key, Index Specification – (Is Identity) Yes

FirstName – nvarchar(50)

LastName – nvarchar(50)

Birthday - date

Email – nvarchar(100)

UserType – nvarchar(20)

Status – nvarchar(20)

DateAdded – datetime

3. Generate to a script the newly created table and name it “dbCrud”
4. Proceed to “Add.aspx”.
5. Create appropriate forms (textboxes, labels, drop down list etc.) for inserting records into the newly created database using proper Bootstrap/CSS formatting. (Note: surround textboxes and labels into form-group classes).
6. Set all textboxes to “required”
7. Birthday should be a datepicker text mode.
8. In the code behind file (“Add.aspx.cs”), initialize SqlConnection and SqlCommand to proceed into creating proper sql commands to INSERT INTO database table (dbCrud).

Add Users

First Name	<input type="text"/>
First Name	<input type="text"/>
Birthday	<input type="text" value="dd/mm/yyyy"/>
Email	<input type="text"/>
User Type	<input type="text" value="Guest"/>
Status	<input type="text" value="Active"/>
<input type="button" value="Add"/>	

9. The page should Redirect into [Default.aspx](#) where the table should reflect the records inserted into the database.
10. Proceed to "[Default.aspx](#)"
11. Here, you are tasked to create proper databinding codes using `<%= Eval(" ") %>` inside Each `<td></td>` clauses. The Overall template is already provided such as the drop down list, search box and buttons and table headers.
12. In the code behind file of the form, [Default.aspx.cs](#), Proceed into creating proper database SELECT command text to get records from the database. The method `GetUsers(string keyword)` has already been provided.
13. In creating the SELECT statement, make use of `LIKE "' + keyword + '%"'` for each database column that the search box will look at.

14. Similarly, in the WHERE clause of the SELECT statement, the drop down list (ddl) should also be used to filter user types for Guest and Client.

Lemonjax | CRUD Exam Users List Add Users

Users List

Guest ▾

Keyword...

#	First Name	Last Name	Email	User Type	Status	Date Added
1	Steven	Tomas	steven.tomas@live.com	Guest	Active	26/10/2016 12:00:00 AM
2	Rafael	Ramos	rafael.ramos@live.com	Guest	Active	26/10/2016 12:00:00 AM

Lemonjax | CRUD Exam Users List Add Users

Users List

Client ▾

Keyword...

#	First Name	Last Name	Email	User Type	Status	Date Added
3	Lawrence	Corpus	lawrence.corpus@live.com	Client	Active	26/10/2016 12:00:00 AM
4	Klaine	Mendoza	klaine.mendoza@yahoo.com	Client	Active	26/10/2016 12:00:00 AM
5	Isaac	Maestro	sak.isaac@gmail.com	Client	Active	26/10/2016 12:00:00 AM

15. The next feature would be the designing of the Crystal Reports. As seen in the Users List page, the print button has already been placed and is working. When pressed it will redirect the page to another link where the Crystal Reports should appear.

Lemonjax | CRUD Exam Users List Add Users

Users Reports

16. The front end and backend codes for the UserReports.aspx are already provided in this project, the only requirement would be designing the reports accordingly to look like this:

Date Printed: 27/09/2016

1

Total Users: 6

ID #	Name	Birthday	Email	Status	DateAdded
Client					
3	Corpus, Lawrence	01/01/1996	lawrence.corpus@live.com	Active	26/10/2016 12:00:00AM
4	Mendoza, Klaine	12/02/1997	klaine.mendoza@yahoo.com	Active	26/10/2016 12:00:00AM
5	Maestro, Isaac	21/02/1996	sak.isaac@gmail.com	Active	26/10/2016 12:00:00AM
Guest					
7	Zabate, Mika	13/04/1993	mika.z@gmail.com	Active	26/09/2016 4:38:53PM
1	Tomas, Steven	01/01/1993	steven.tomas@live.com	Active	26/10/2016 12:00:00AM
2	Ramos, Rafael	01/01/1995	rafael.amos@live.com	Active	26/10/2016 12:00:00AM

The requirements as seen in the example is:

- Show date printed
- Show page number
- Count of all records. (Hint use formula fields)
- Group tables into user type Client and Guest. (Hint use group name fields)

17. Include ability of to update user records by adding a view info button as seen below:

(hint: Use glyphicon iconset built into the project)

Users List

Guest

Keyword...

Q

Print

#	First Name	Last Name	Email	User Type	Status	Date Added	
1	Steven	Tomas	steven.tomas@live.com	Guest	Active	26/10/2016 12:00:00 AM	Q
2	Rafael	Ramos	rafael.ramos@live.com	Guest	Active	26/10/2016 12:00:00 AM	Q
7	Mika	Zabate	mika.z@gmail.com	Guest	Active	26/09/2016 4:38:52 PM	Q

18. With a similar form design and labels to the add users page, create a update page that will display the information of the selected record and update changes in the update form.

Update Record

First Name

Steven

Last Name

Tomas

Birthday

01/09/2016

Email

steven.tomas@live.com

User Type

Guest ▼

Status

Active ▼

Update

IT Development | IT Consulting | IT Learning