TIMETABLE INSPECTOR IN C#

Semester Project of Object Oriented Paradigm

Supervisor

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Introduction

"Timetable Inspector" is a desktop application which is developed by using C#. It is capable to search the time table by

- Instructor's Name
- Batch ID
- Room ID

Moreover, it can also tell the free slots (rooms) available to arrange the makeup class.

We started this project on September 29, 2018 and finished on January 14, 2019. The main technique we use for this application development is "Pair Programming".

The 1st version of this application only covers the timetable of all sections of BS Computer Science. And the MS Excel file is used to store the data.

Objective

To design a timetable inspection software which make the Program Office's work easier.

Language / Tools

Language: C# (C-Sharp)

Tools used by us (development team) for this Desktop Application:

- MS Excel 2016
- MS Visual Studio 2013
- MS Word 2016
- Google Chrome (To seek help)

Application Working Flow

1. Open "Timetable Inspector".

2. Select the "Instructor Name" from Dropdown List.

3. Press the "Show Button" in front of the "Instructor Name".

4. If you press the "Show Button" and didn't select the "Instructor Name" then a Message Box will appear.

5. Select the "Batch ID" from Dropdown List.

6. Press the "Show Button" in front of the "Batch ID".

7. If you press the "Show Button" and didn't select the "Batch ID" then a Message Box will appear.

8. Select the "Room ID" from Dropdown List.

9. Press the "Show Button" in front of the "Room ID".

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name _____ ▾ [Show]
Search By Batch ID _____ ▾ [Show]
Search By Room ID [Room 027] ▾ [Show]

Time Table of [Room 027]   [Makeup Class]

		08:30 - 10:00	10:00 - 11:30	11:30 - 13:00	13:30 - 15:00	15:00 - 16:30	16:30 - 18:00
Monday	Batch	BSCS F18 C		BSCS F18 B	BSCS F18 B	BSCS F18 B	
	Course	MATH110 CAG		GC102 Eng I	MATH110 CAG	CS291 DS	
	Instructor	Mr. M. Waris		Mr. Nadeem Q	Mr. M. Tariq	Mr. Iftikhar	
Tuesday	Batch				BSCS F17 B	BSCS F17 B	BSCS F17 B
	Course				SE203 ISE	SE101 OOP	SE101 OOP
	Instructor				Mr. Imran S	Mr. Idrees Ahmed	Mr. Idrees Ahmed
Wednesday	Batch	BSCS F17 A	BSCS F17 A	BSCS F17 A	BSCS F17 B		
	Course	GC105 BAW	GC103 UQ II	MATH352 MC	MATH352 MC		
	Instructor	Mr. Atif H	Dr. Hafiz Ayub	Mr. Waqas N	Mr. Waqas N		
Thursday	Batch				BSCS F17 B	BSCS F17 B	BSCS F17 B
	Course				SE203 ISE	SE101 OOP	SE101 OOP
	Instructor				Mr. Imran S	Mr. Idrees Ahmed	Mr. Idrees Ahmed
Friday	Batch	BSCS F17 A	BSCS F17 A	BSCS F17 A		BSCS F17 B	
	Course	GC105 BAW	GC103 UQ II	MATH352 MC		MATH352 MC	
	Instructor	Mr. Atif H	Dr. Hafiz Ayub	Mr. Waqas N		Mr. Waqas N	

10. If you press the "Show Button" and didn't select the "Room ID" then a Message Box will appear.

×

Please select the Room ID (from given options).

[OK]

11. If want to see free slots (rooms) for makeup class, then click "Makeup Class Button".

Makeup Class Finder

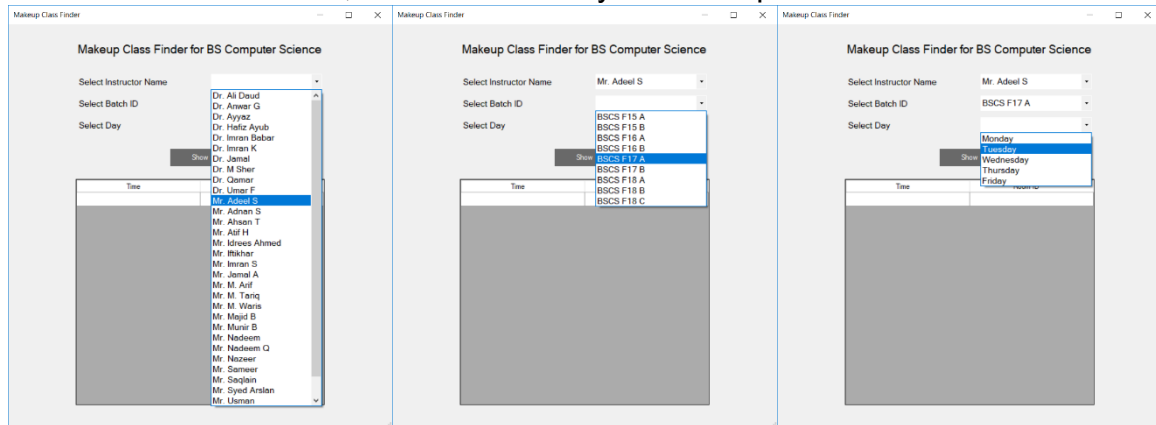Makeup Class Finder for BS Computer Science

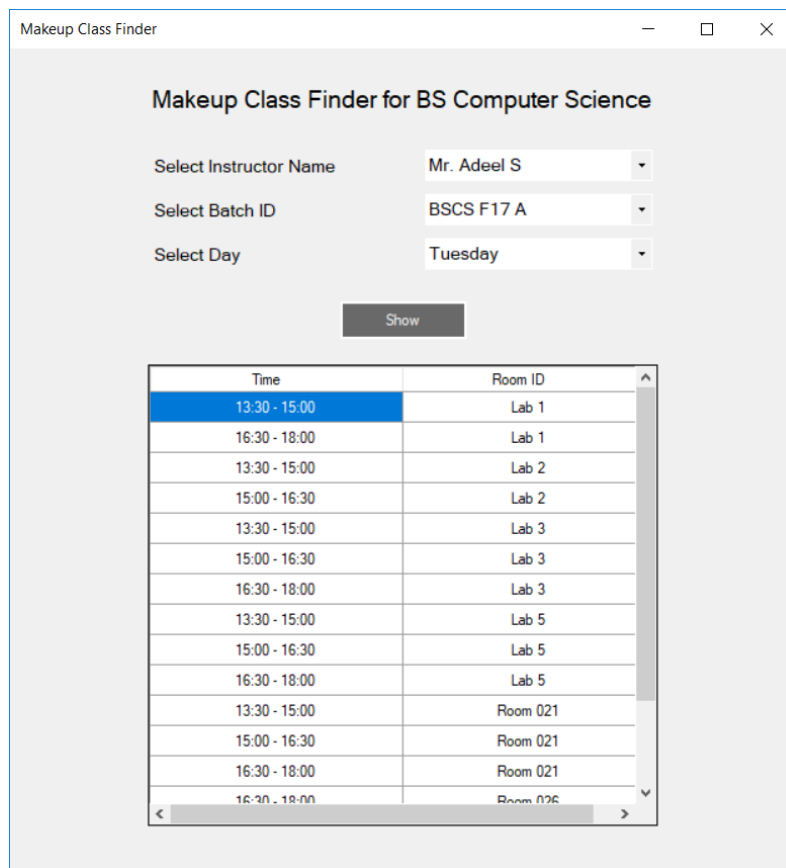Select Instructor Name | _____ ▾
Select Batch ID _____ ▾
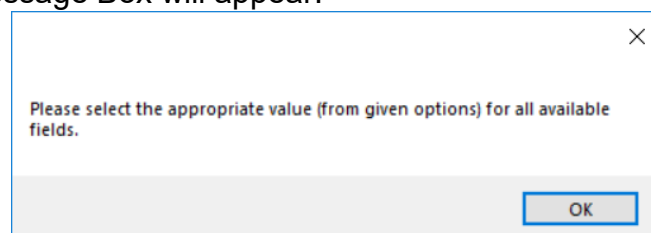Select Day _____ ▾

[Show]

Time	Room ID

12. Select "Instructor Name, Batch ID and Day" from Dropdown Lists.

13. Press the "Show Button".

14. If you press the "Show Button" and didn't select the "Instructor Name / Batch ID / Day" then a Message Box will appear.

15. Close the Application.