

# **TIMETABLE INSPECTOR IN C#**

**Semester Project of Object Oriented Paradigm**



## **Supervisor**

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## **Submitted By**

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## **Submission Date**

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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 1<sup>st</sup> 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”.

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name  Show

Search By Batch ID  Show

Search By Room ID  Show

Time Table of  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							
Tuesday							
Wednesday							
Thursday							
Friday							

## 2. Select the “Instructor Name” from Dropdown List.

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name  Show

Search By Batch ID  Show

Search By Room ID  Show

Time Table of  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							
Tuesday							
Wednesday							
Thursday							
Friday							

- Dr. Ali Daud
- Dr. Anwar G
- Dr. Ayyaz
- Dr. Hafiz Ayub
- Dr. Imran Baber
- Dr. Imran K
- Dr. Jamal
- Dr. M Sher
- Dr. Qamar
- Dr. Umar F
- Mr. Adnan S
- Mr. Ahsan T
- Mr. Atif H
- Mr. Idrees Ahmed
- Mr. Itikhar
- Mr. Imran S
- Mr. Jamal A
- Mr. M. Arif
- Mr. M. Tariq
- Mr. M. Waiss
- Mr. Majid B
- Mr. Munir B
- Mr. Nadeem
- Mr. Nadeem Q
- Mr. Nazeer
- Mr. Sameer
- Mr. Saqlain
- Mr. Syed Arslan
- Mr. Usman

3. Press the “Show Button” in front of the “Instructor Name”.

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name: Mr. Adeel S [Show]

Search By Batch ID: [Show]

Search By Room ID: [Show]

Time Table of: Mr. Adeel S [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						
	Course						
	Room						
Tuesday	Batch	BSCS F17 A	BSCS F17 A				
	Course	SE101 OOP	SE101 OOP				
	Room	Lab 3	Lab 3				
Wednesday	Batch						
	Course						
	Room						
Thursday	Batch	BSCS F17 A	BSCS F17 A				
	Course	SE101 OOP	SE101 OOP				
	Room	Lab 3	Lab 3				
Friday	Batch						
	Course						
	Room						

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

Please select the Instructor Name (from given options).

OK

5. Select the “Batch ID” from Dropdown List.

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name: [Show]

Search By Batch ID: [Show]

Search By Room ID: [Show]

Time Table of: [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							
Tuesday							
Wednesday							
Thursday							
Friday							

6. Press the “Show Button” in front of the “Batch ID”.

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name  Show

Search By Batch ID BSCS F17 A Show

Search By Room ID  Show

Time Table of BSCS F17 A 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	Course						
	Instructor						
	Room						
Tuesday	Course	SE101 OOP	SE101 OOP	SE203 ISE			
	Instructor	Mr. Adeel S	Mr. Adeel S	Mr. Imran S			
	Room	Lab 3	Lab 3	Lab 3			
Wednesday	Course	GC105 BAW	GC103 UQ II	MATH352 MC			
	Instructor	Mr. Atif H	Dr. Hafiz Ayub	Mr. Waqas N			
	Room	Room 027	Room 027	Room 027			
Thursday	Course	SE101 OOP	SE101 OOP	SE203 ISE			
	Instructor	Mr. Adeel S	Mr. Adeel S	Mr. Imran S			
	Room	Lab 3	Lab 3	Lab 3			
Friday	Course	GC105 BAW	GC103 UQ II	MATH352 MC			
	Instructor	Mr. Atif H	Dr. Hafiz Ayub	Mr. Waqas N			
	Room	Room 027	Room 027	Room 027			

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

Please select the Batch ID (from given options).

OK

8. Select the “Room ID” from Dropdown List.

Time Table Inspector

Time Table Inspector for BS Computer Science

Search By Instructor Name  Show

Search By Batch ID  Show

Search By Room ID  Show

Time Table of  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	Course						
	Instructor						
	Room						
Tuesday	Course						
	Instructor						
	Room						
Wednesday	Course						
	Instructor						
	Room						
Thursday	Course						
	Instructor						
	Room						
Friday	Course						
	Instructor						
	Room						

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  Show

Time Table of

		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. Itikhar	
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

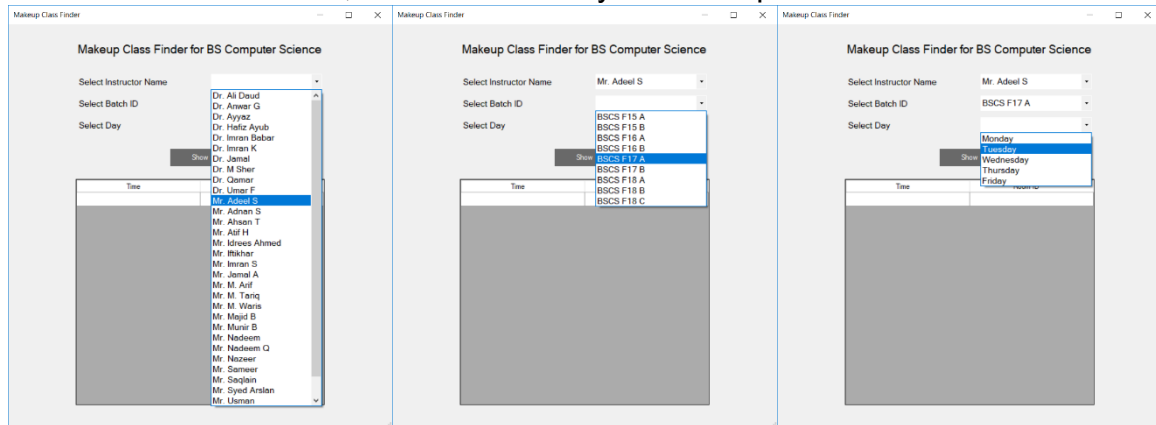
Select Batch ID

Select Day

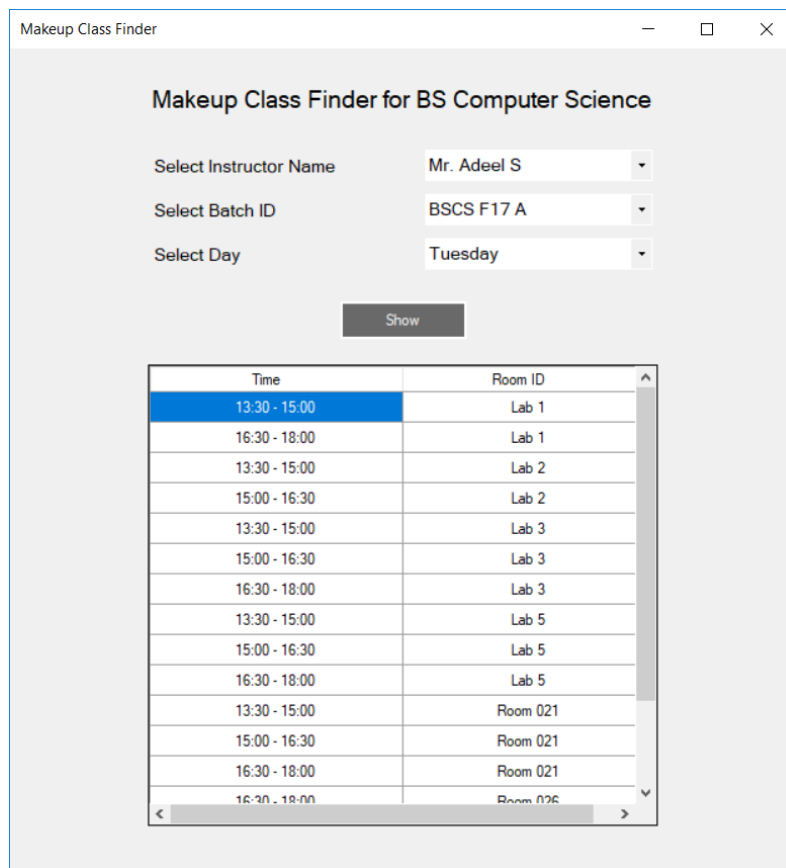
Show

Time	Room ID

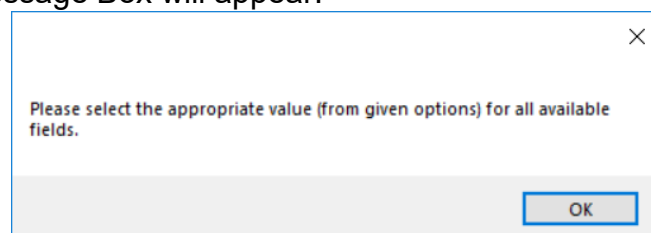
## 12. Select “Instructor Name, Batch ID and Day” from Dropdown Lists.



## 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.