Instruction Manual for “Routine Generator”

In this application there are 3 main components.

1. The upper left tile opens to a new window. In there the left table is used for data input and in the right table the already available class rooms in the database are shown. In this window new rooms can be added and old rooms can be deleted.
2. The upper right tile in the starting window opens to another window. In this window too there are 2 tables. The right one shows the courses and their details from the database. The left one is used for inputting new courses in the database. One or all sections of a course can be deleted from the delete window that opens after the delete button is clicked.
3. The lower tile in the starting form opens to anew window. In this window all of the rooms and courses are shown in 2 tables. There are 2 text boxes that take a room number and a course name as input. Then when the “generate routine” button is clicked all sections that can be mapped in the routine are mapped in the selected room. There is a “display button” clicking which opens a window and shows the routines from the database.

N.B: please change the database connection string in the “RoutineGenContext.cs” in the DAL layer. The database is in the “RoutineGenDB” folder.

Name of the group members and their id’s:

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2. MAHMUD, SARKER SUNZID 14-27485-3
3. HORE, PROTIK KUMAR 14-27586-3
4. ADNAN, MD. THOUHIDUR RAHMAN 14-27600-3