**INSTALLATION PROCEDURE**

Since it is online based software it requires a server to be set up to use the software. Database needs to be put inside the server. After that address for database needs to be put inside the software which will be done before compiling so I have attached source file and after setting server change address user name and password compile and executable is generated which is ready to be used and distributed.

**1. Setting up Server**

1. Install mysql if not already installed from mysql.com.
2. Import attached database (NMSdatabase) inside the server.

**2. Generating software from source code (compiling the software)**

1. Open attached project folder (NMS) in IDE ( NetBeans 11.3 recommended).
2. Add address to database inside Core.Sql.getConnection() inside String variable named url.
3. Similarly add user name under uname and password under pass for connection to server.
4. Compile and build Executable
5. Software is now ready to use!!.

**PROCEDURE TO USE SOFTWARE**

This software is developed for the access of students, faculty members and college authorities. Detailed procedure for its use is as follows:-

**1. For College Authorities**

Authorities are the college official nominated by management for course, rooms and time table management. Authorities enter the following information (inputs) in this software.

* Students complete data i.e. each student's User Id, Password, Name, Roll No., Age, contact no. etc.
* Various departments of the college
* Faculty complete data department wise i.e. Prof Id, Password, Name, Contact no. and Year of Joining
* Complete information of the various courses Department wise and Year wise i.e Course Id, Weekly hours of the course and the concerned faculty members details.
* Details of various class rooms available.

**2. FOR STUDENTS**

* Students can choose the available additional subject from the list generated by software before the authorities close this option.

**3. FOR PROFESSORS**

* Professors/ Faculty members received the requests from students for registration of additional subjects through this software. Professors have to either accept the request or reject the request.
* From the above inputs, software will generate the time table.

**Features/ Various functions of Software**

* Generate the Central Time Table automatically.
* Students/ Professors/ Authorities can change their password.
* Students/Professors/ Authorities have the access to Central Time Table.
* Students/ Professors can access their personal Time Table
* Students can send their requests for additional subject registration to the concerned professor through this software when options for this facility is open. Students can also view the status of their request at any time.
* Professors can accept or reject the students' request through this software.
* Authorities have the full powers to add/ delete any student/ professor and their details.