

# USER MANUAL

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## Uses of Application

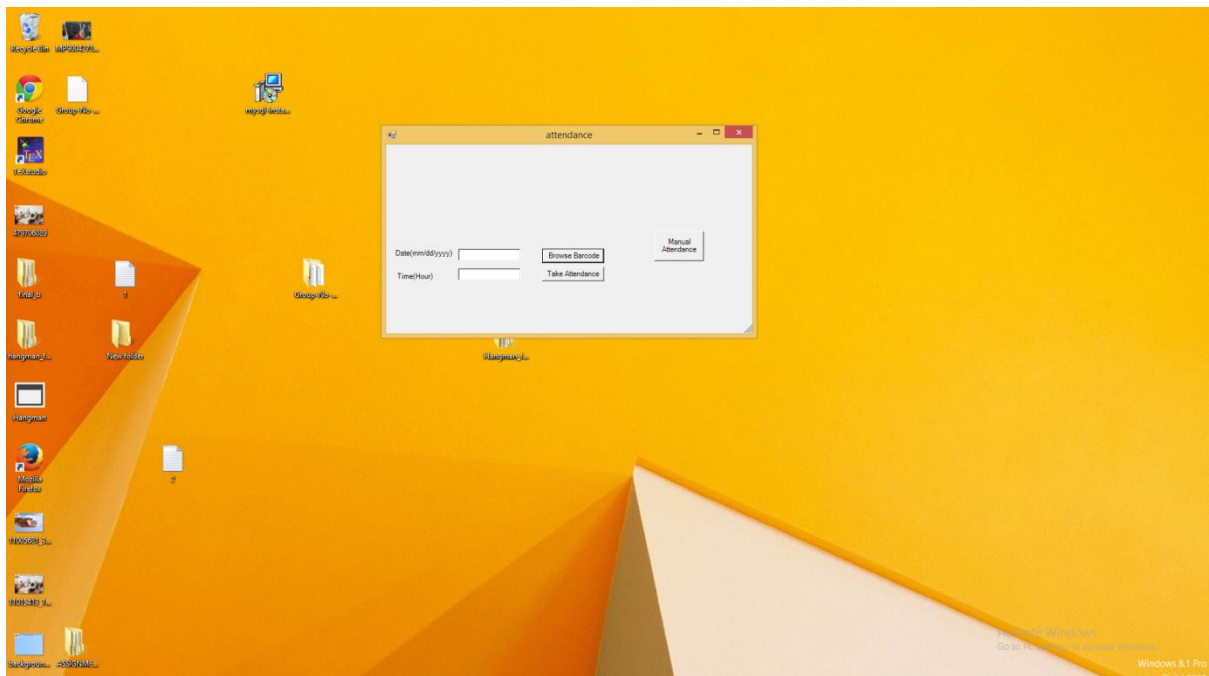
The Application is developed with the intention of automating the mundane task of taking attendance through scanning ID cards with a bar code of the roll number. The features include taking attendance and viewing the attendance percentage and records of respective courses by students, professors and the admin. The admin also has the additional functionality to view, add & delete user login information.

## Running the Application

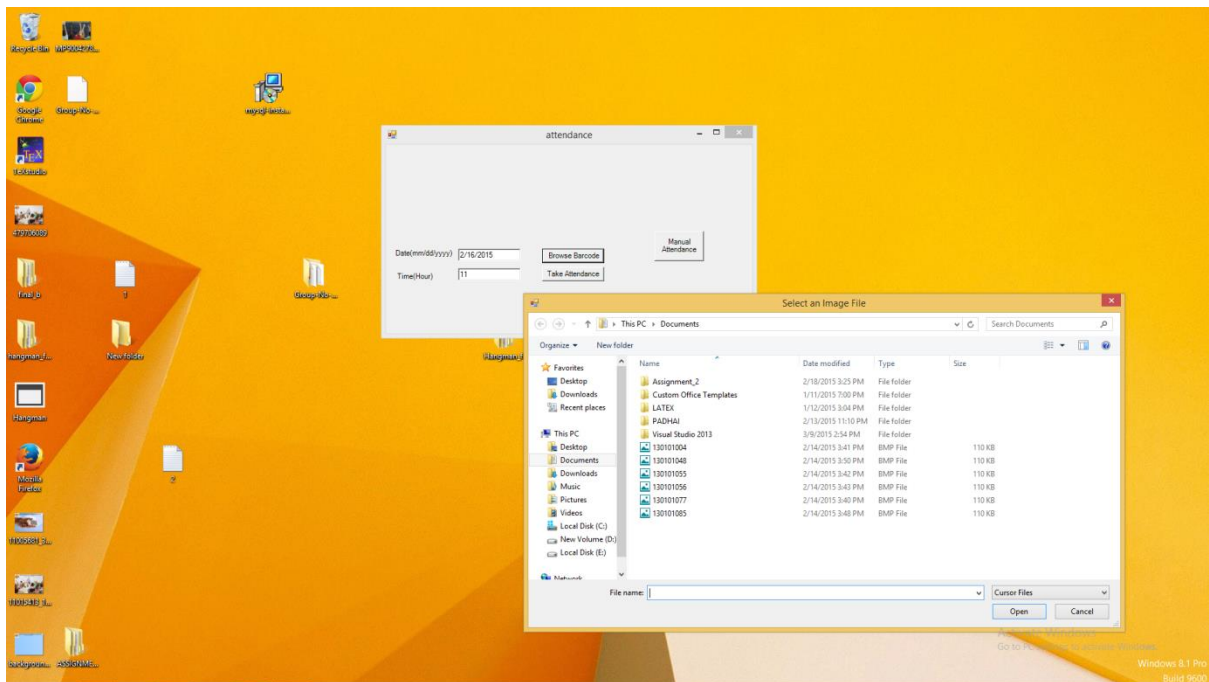
### *Taking Attendance*

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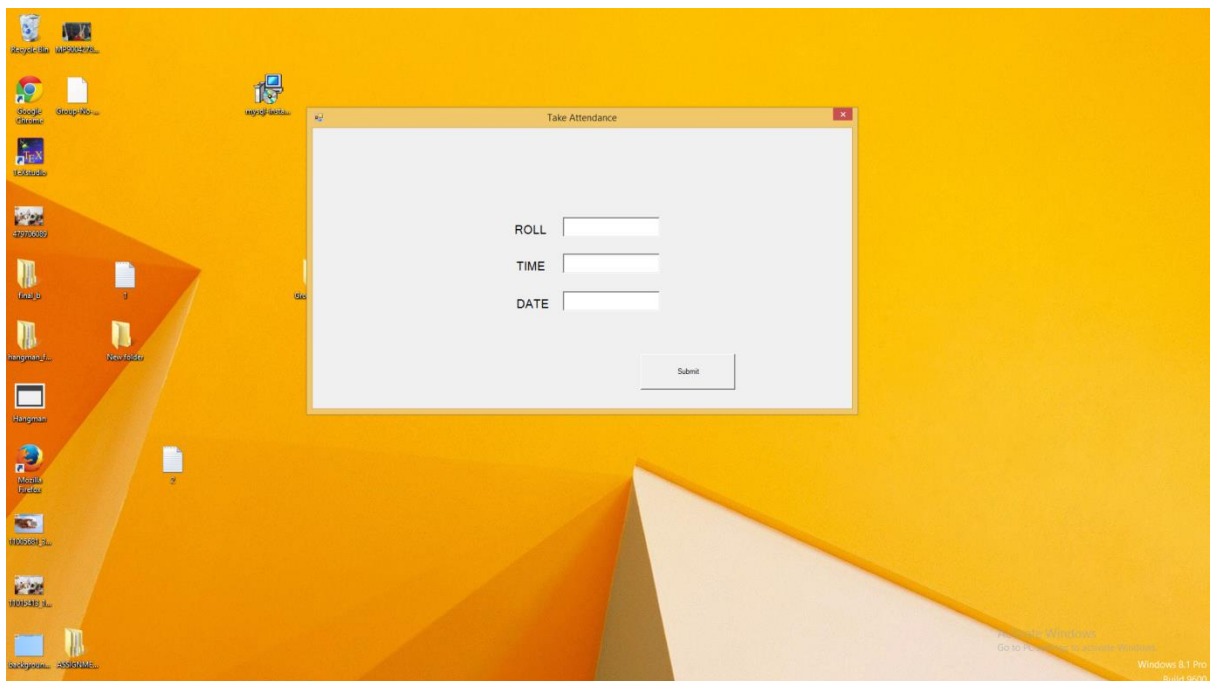
Clicking on the application icon leads to a form.



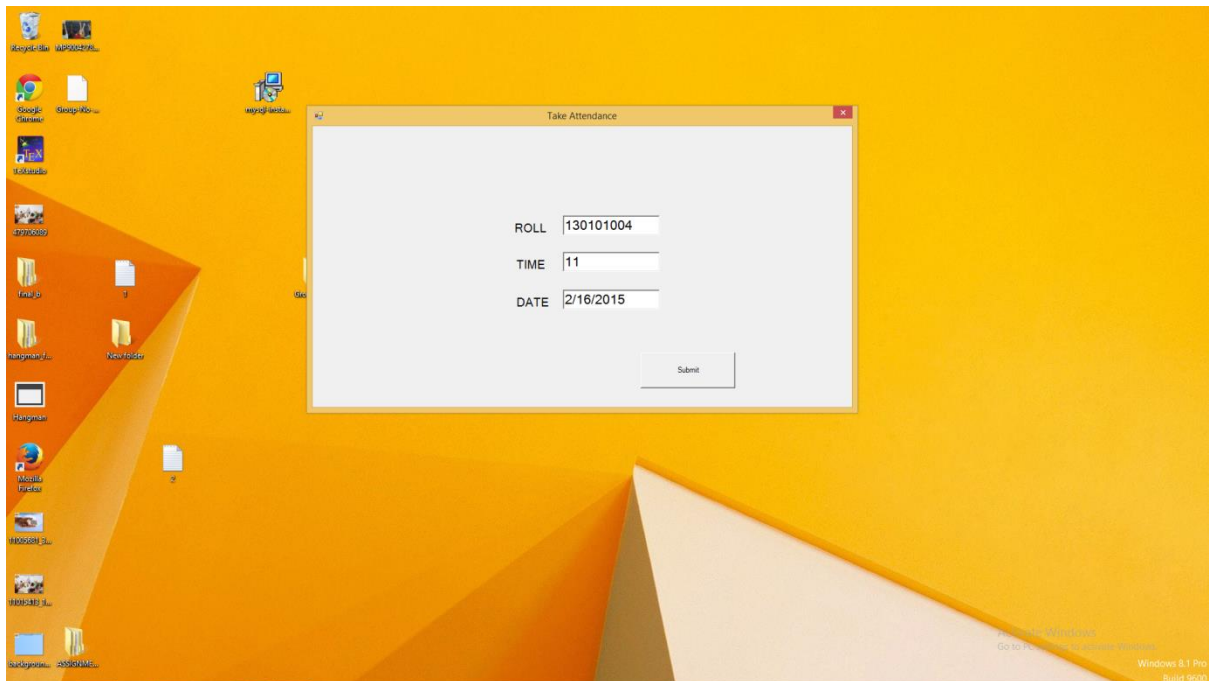
Upload the picture of the scanned barcode and click submit.



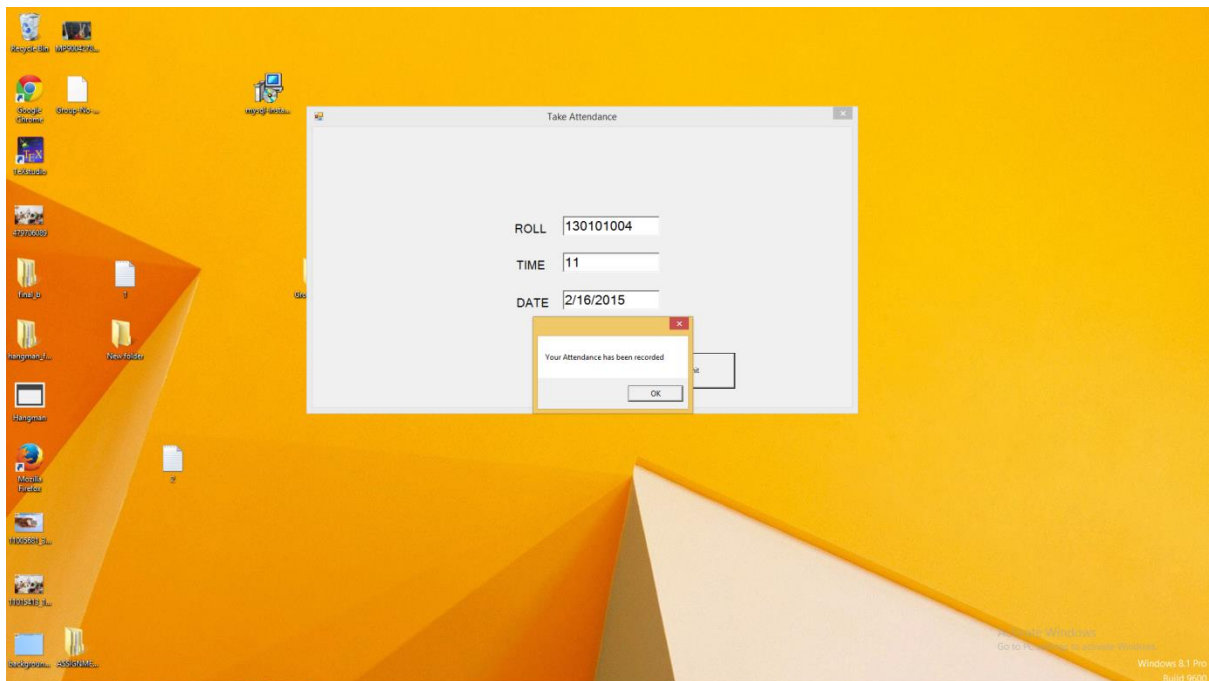
If the barcode is not scanned, click on the Manual Attendance button which will redirect you to the following form:



Enter the details in the text-boxes and clicks submit.



Your attendance will now have been recorded.



[Login](#)

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Running the application to check attendance records will lead to a form as below:

The screenshot shows a 'Login' application window. It features a yellow title bar and a light blue main area. A white-bordered box in the center contains the login form. The form has three input fields: 'User Type' (a dropdown menu), 'User Id' (a text box), and 'Password' (a text box). Below these fields are two buttons: 'Log In' and 'Exit'. To the right of the white-bordered box, there is a 'Take Attendance' button.

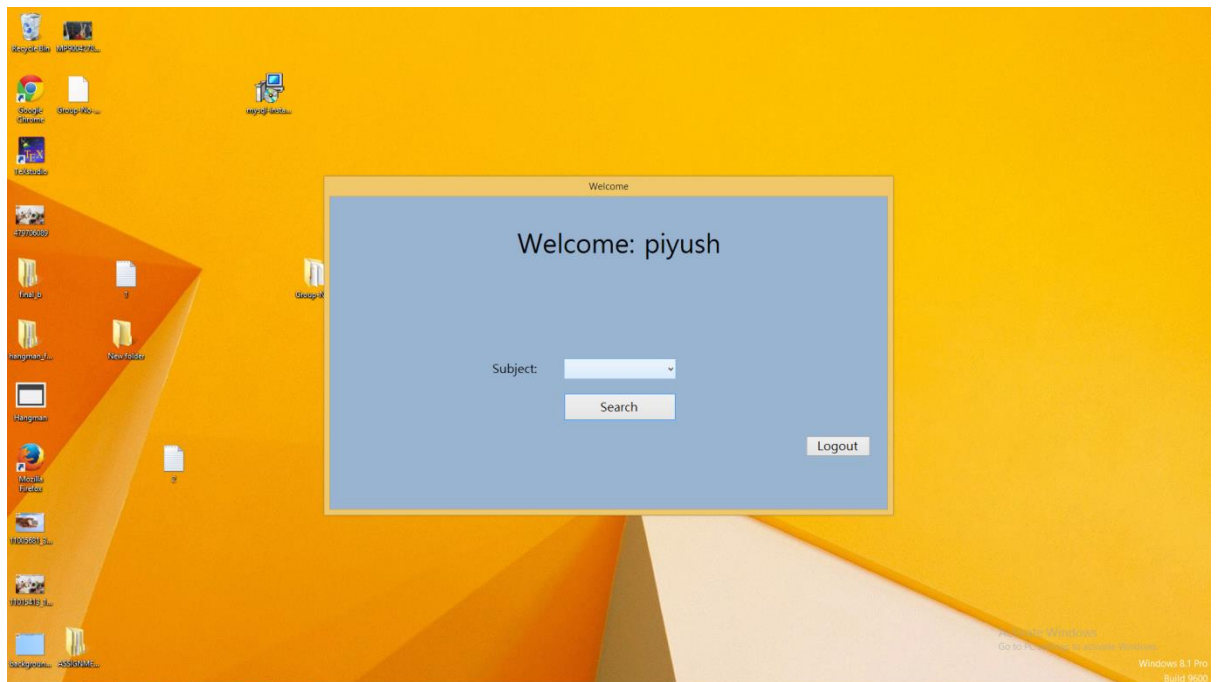
Click the relevant option from the User drop-down and fill in the username and password. Click on the login button to proceed to the session.

### *Student Login Session*

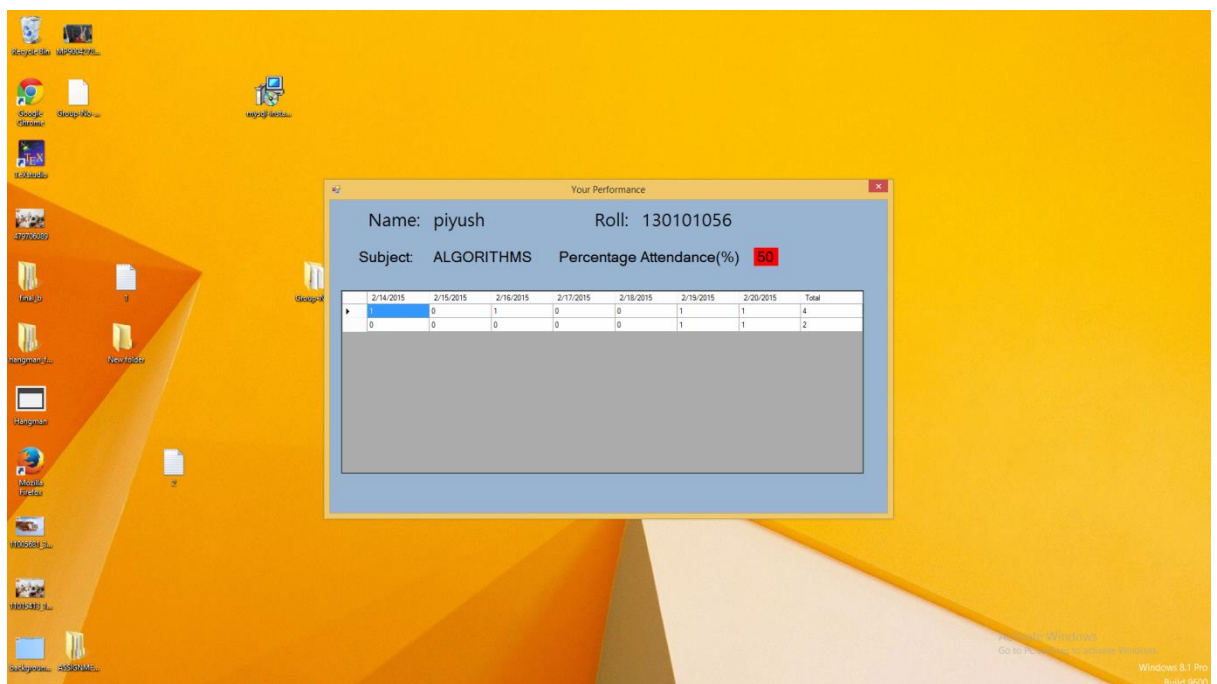
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The application allows students to check their attendance and know the percentage of attendance in any of the courses they are registered in.

The course can be selected from the dropdown in the form as soon as you login.



The search button then leads you to the record of attendance on each day and the percentage attendance in the course. The logout button takes your back to the login portal.





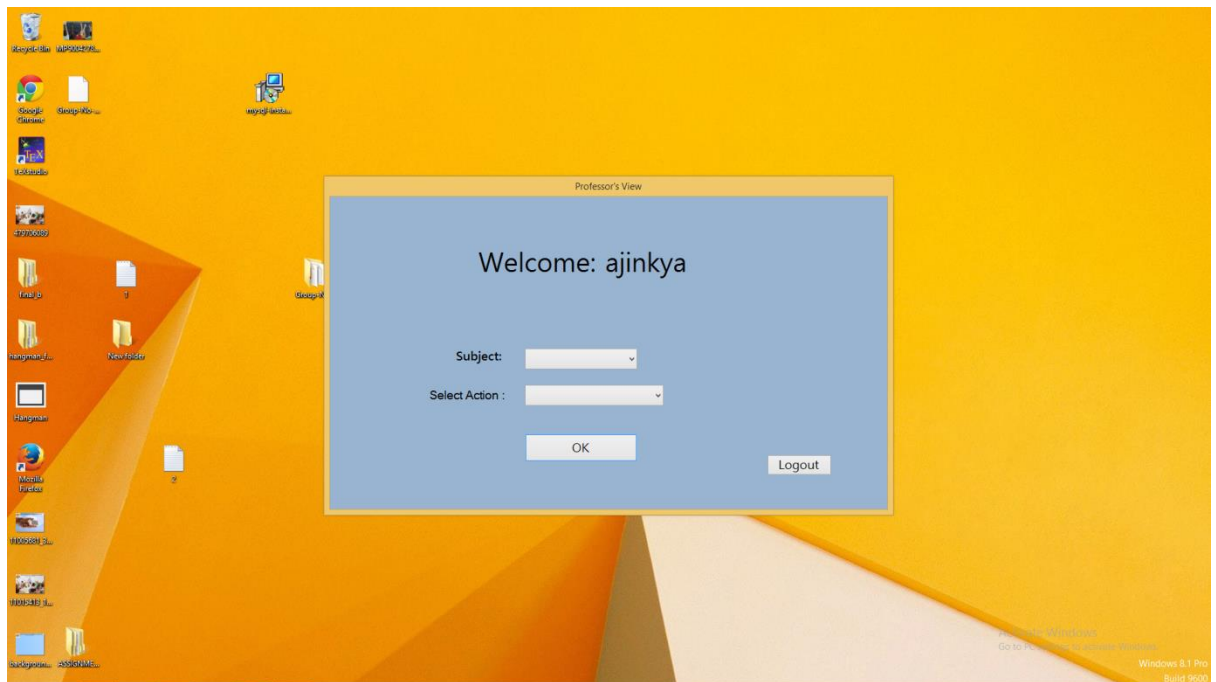
The first column indicates the days on which the class was conducted with the value 1 and the second column indicates the student's attendance.

A RED indication on the value of Percentage Attendance(%) shows that your percentage of attendance is less than 75%!

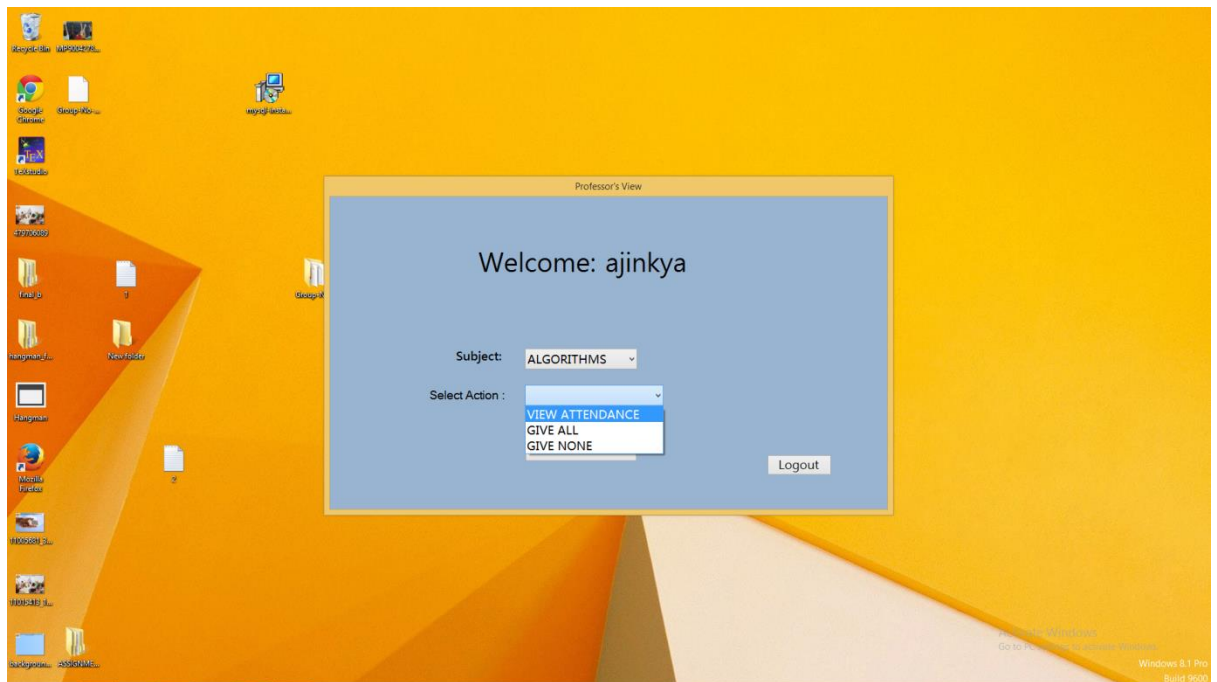
### *Professor Login Session*

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The application allows professors to check the attendance of all the registered students in any of the courses they teach.



The course can be selected from the dropdown in the form as soon as you login.

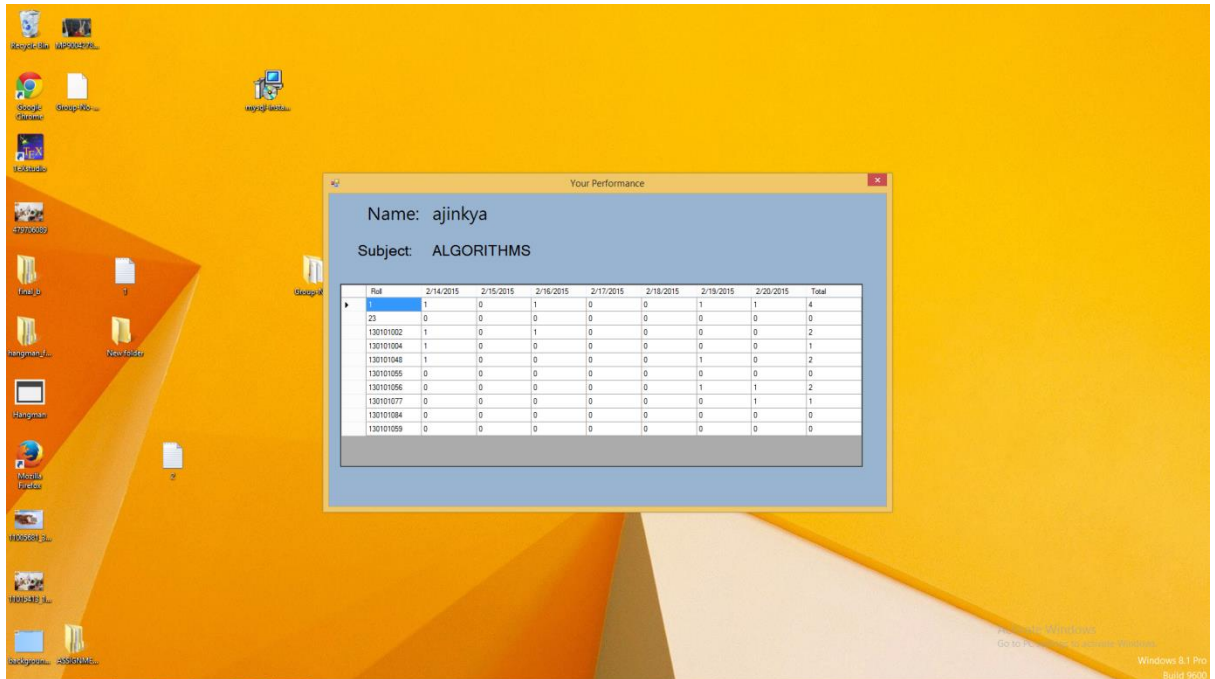


Select the action to be done as per requirement.

To check the attendance of enrolled students in a given course, select VIEW ATTENDANCE.

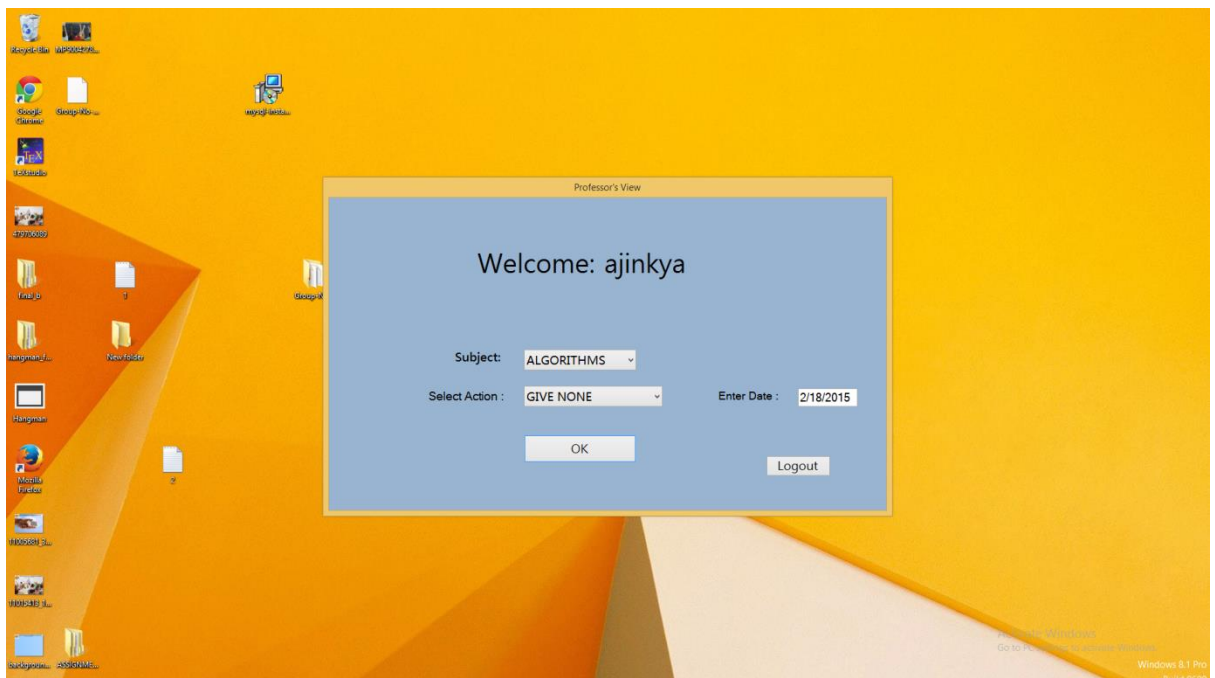
The search button then leads you to the record of attendance on each day and the percentage attendance in the course. The logout button takes you back to the login portal.

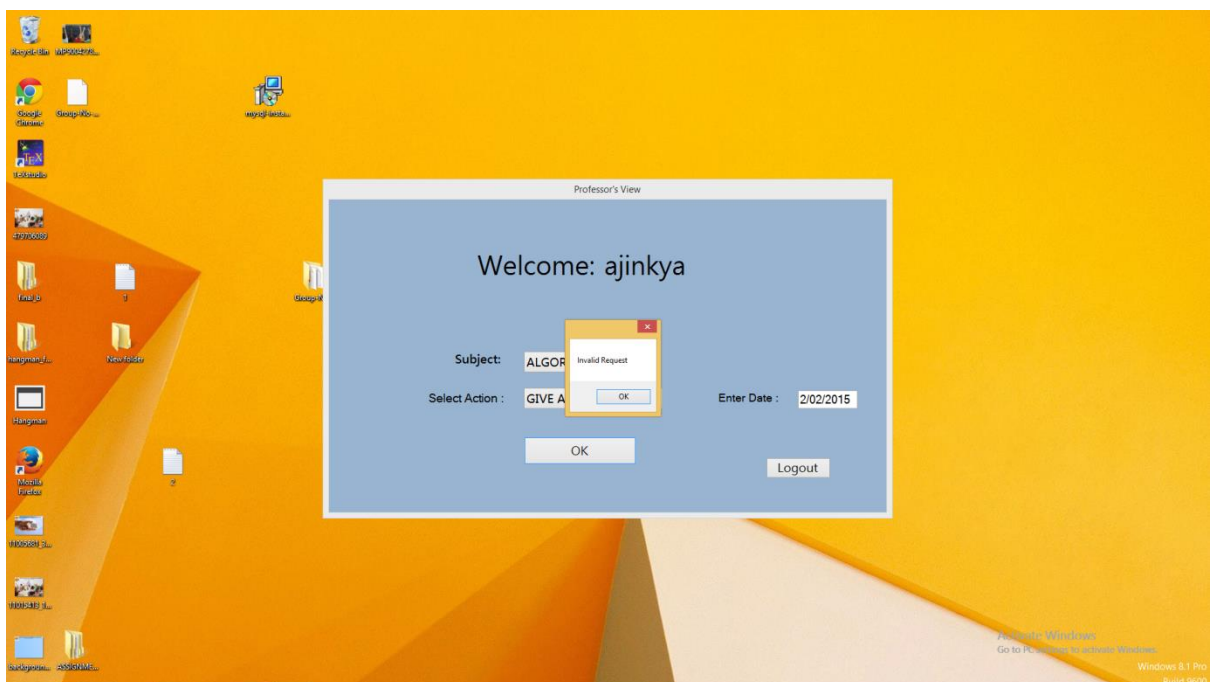
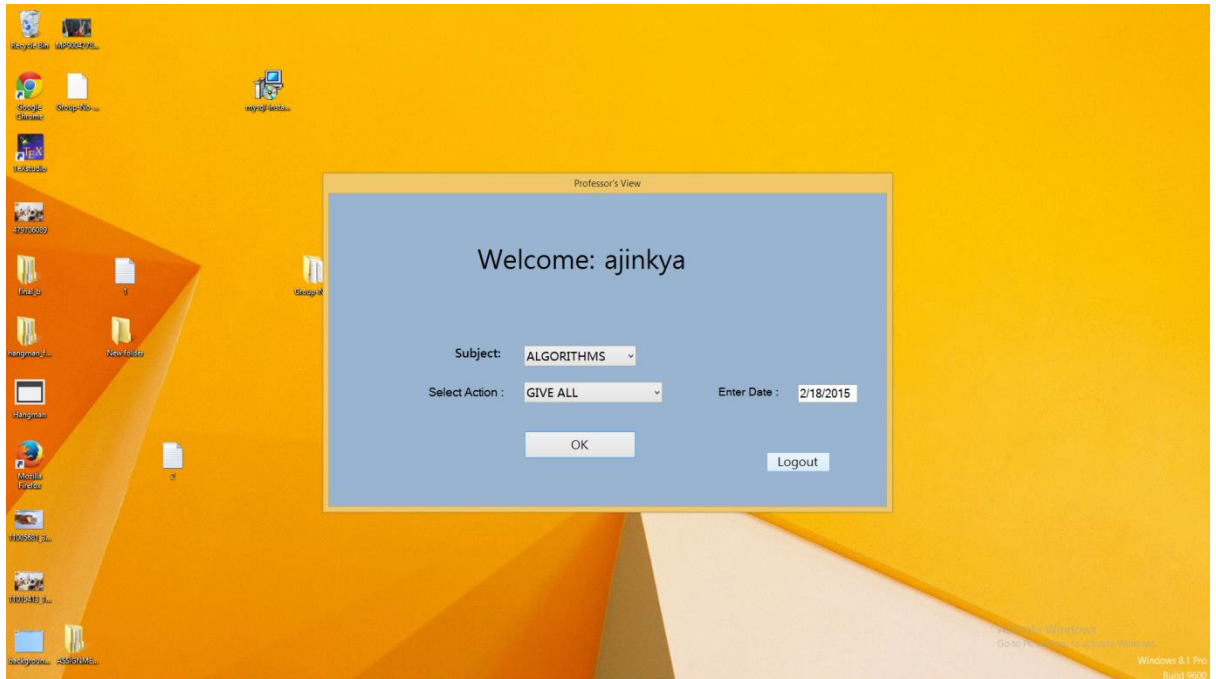




The first column indicates the days on which the class was conducted with the value 1 and the other columns indicate the students' attendance against his/her roll number.

You can select the GIVE NONE or GIVE ALL option based on whether nobody attended the day's class or you are awarding attendance for everybody for the day. Selecting either will lead to the appearance of a new field to enter the particular date.

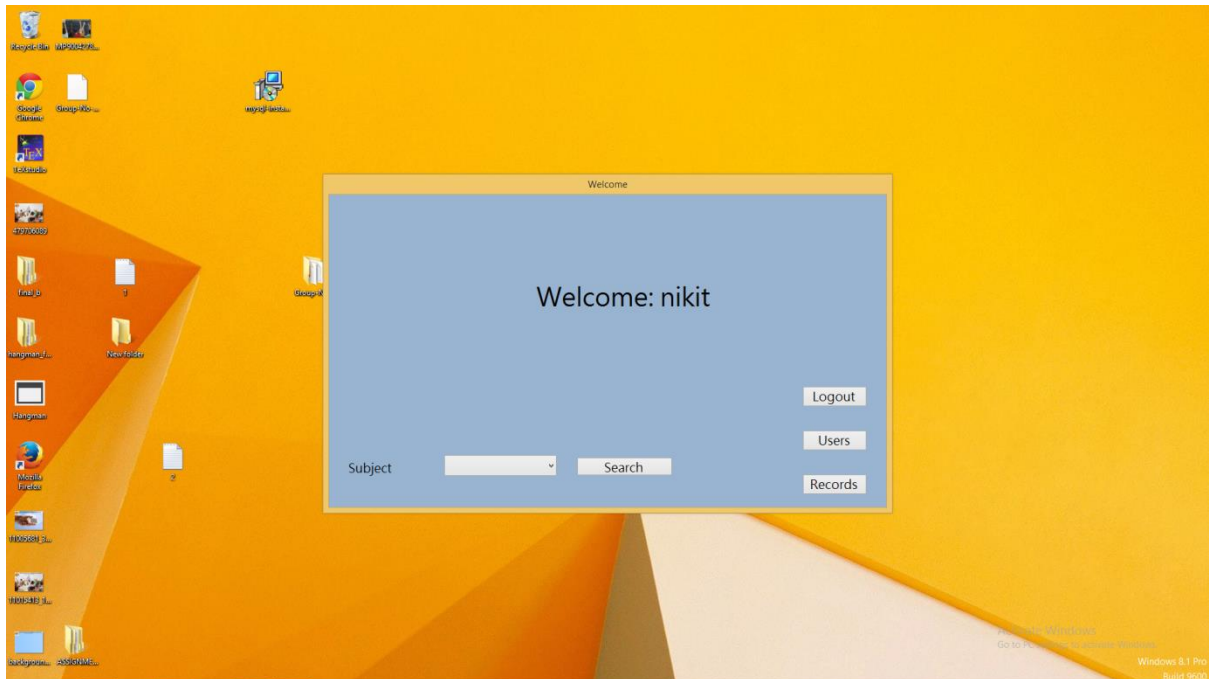




An error will be displayed if.....

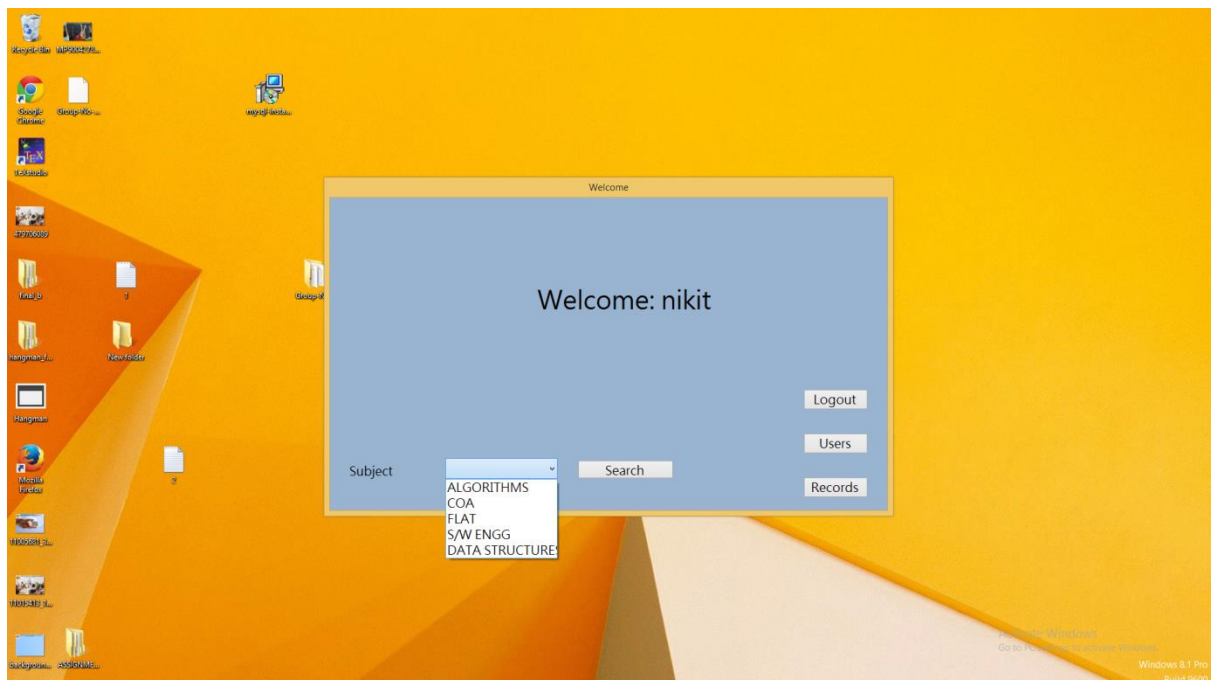
### Admin Login Session

On login, the following welcome screen appears:

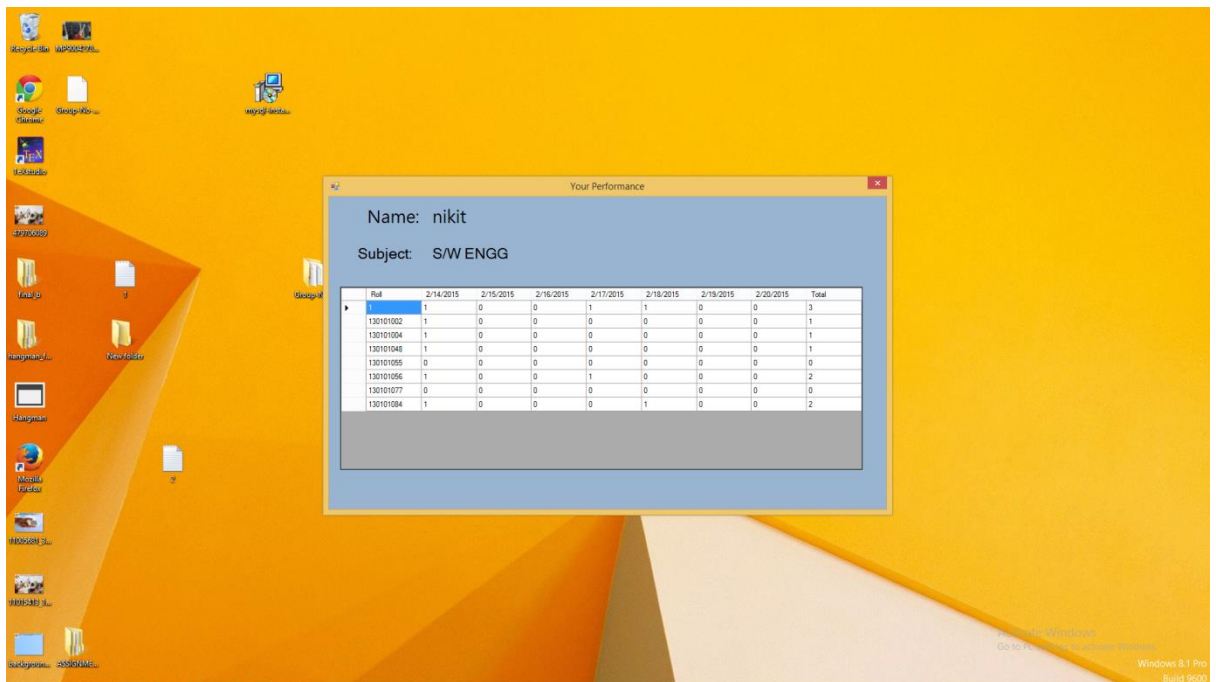


### [VIEW COURSE ATTENDANCE](#)

To view the attendance of all students for a particular course, select the course from the Subject dropdown and click on the Search button.

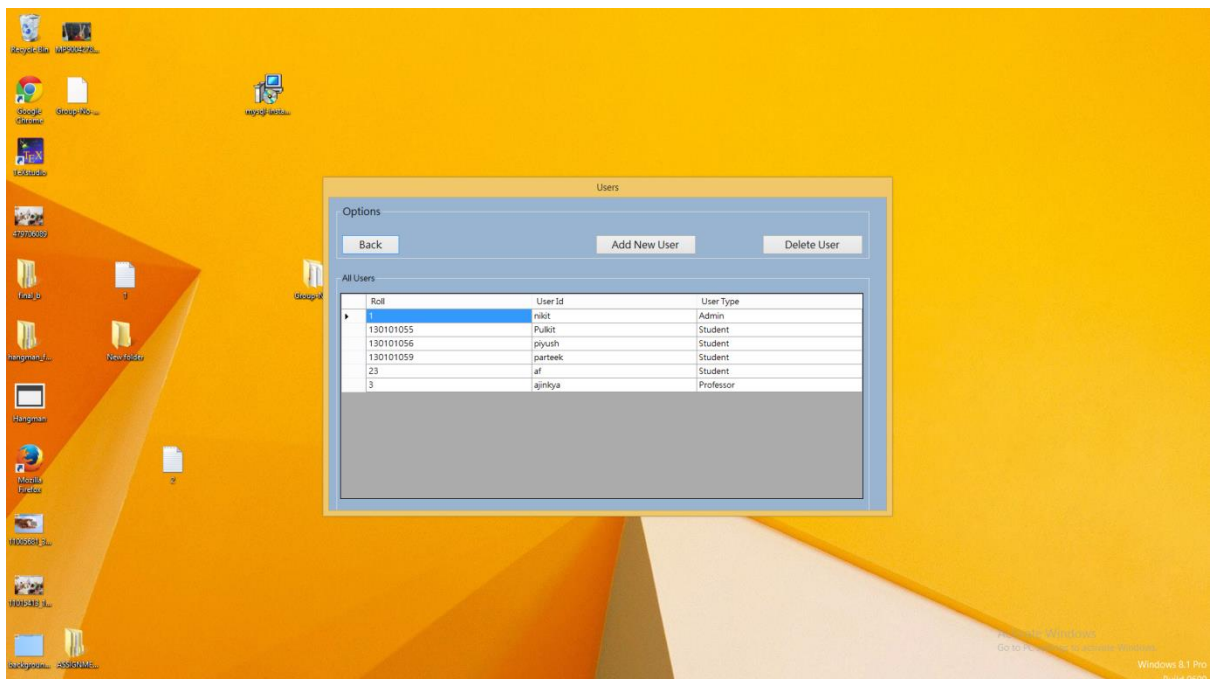


You will then be redirected to the following screen displaying the attendance records of all the students enrolled in the course.



### VIEW AND EDIT USER RECORDS

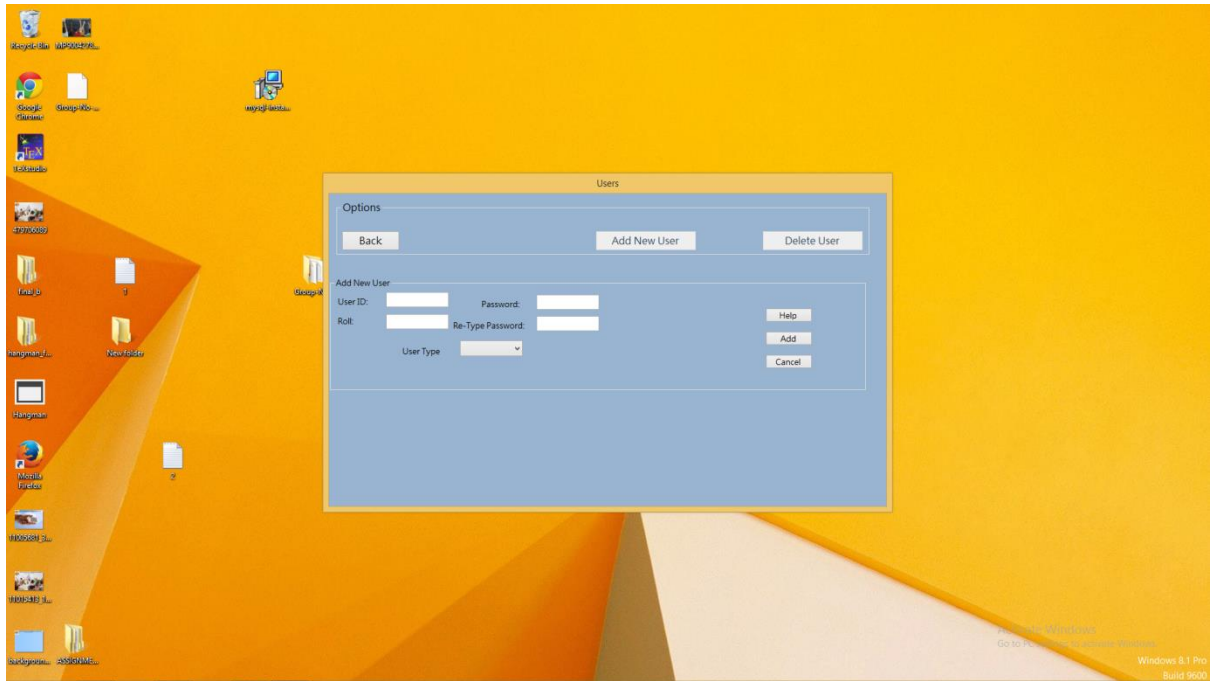
Click on the Users button to View/Edit User Records. The button redirects you to the following form:



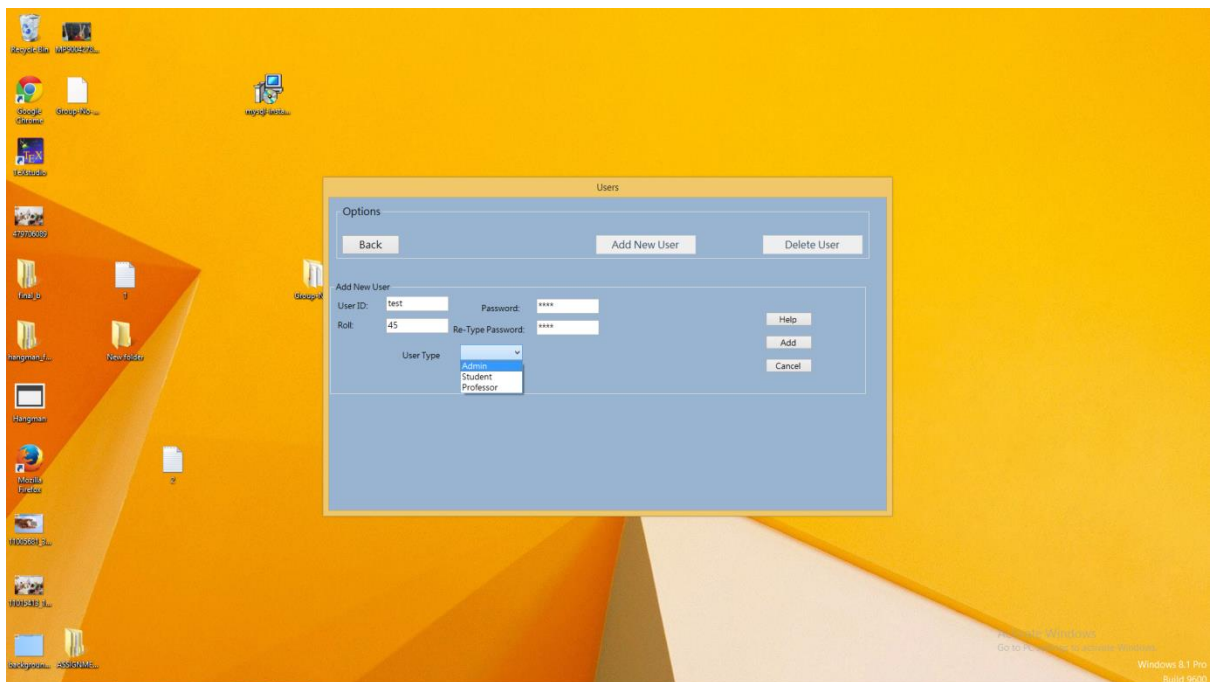
Click on the “Add New User” button or the “Delete User” button as required.

Clicking on Add New User will give a box as below:

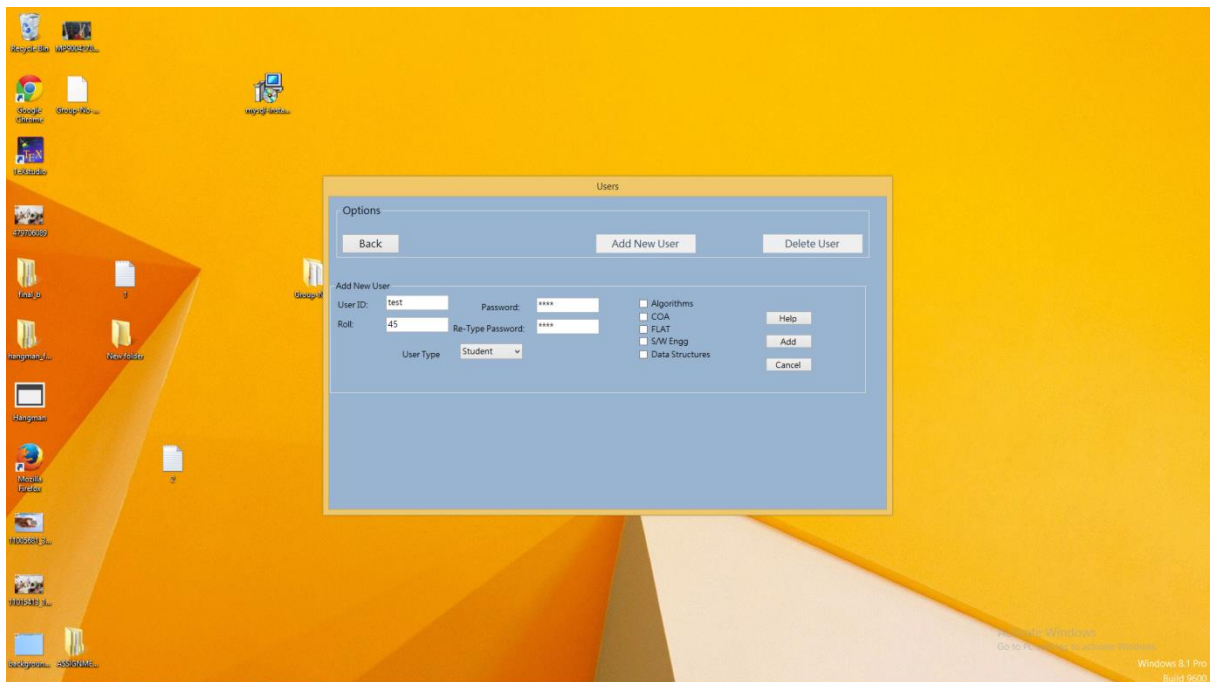




Fill in the required details in the respective textboxes and click on Add button to add the user to the database.



For a student, new checkboxes to select the subject the student has enrolled in will be seen.



Click Cancel to remove the Add New User box from the form.

Clicking on Delete User will give you another box just like the previous one:

