Login Form

1. UI Requirement
- 1 TextBox Username
- 1 TextBox Password
- 1 Login Button
- 1 Signup Button

2. Behaviour
```
If Signup Button is clicked
     Display Signup screen

If TextBox Username or TextBox Password is empty
     Disable Login Button
Else
     If Enter Key is pressed or Login Button is clicked
          If Username is exist in database
               If Password is valid
                    Determine User's role
                    Display User's dashboard based on User's role
               Else
                    Display Message "Login failed"
          Else
               Display Message "Login failed"
```

Signup Form

1. UI Requirement
- 1 TextBox Username
- 1 TextBox Password
- 1 TextBox Re-enter Password
- 1 ComboBox Role
- 1 TextBox ID
- 1 Create Button
- 1 Cancel Button

2. Behaviour
```
If Cancel Button is clicked
     Close Signup Form

ComboBox Role load data from RoleForSignup table in Database
Display member of ComboBox Role is "description"
Value member of ComboBox Role is "roleID"
ComboBox have default value 2 - Student

All TextBoxs must be filled, if not
     Disable Create Button
Else
     If Enter Key is pressed or Create Button is clicked
          Check whether Username is exist in Database, if not
```

```
        Check whether Password and Re-enter Password is the same, if not
            Display Message "Passwords didn't match. Try again."
        Else
            Check whether ID is exist in Database, if not
                Display Message "ID does not exist"
            Else
                Write Username, Password, Role to table User
                If Role is Student
                    Write Username, ID to table StudentUser
                Else
                    Write Username, ID to table TeacherUser
    Else
        Display Message "Username already exist. Try other Username."
```

Dashboard for Teacher and Student

1. UI requirement
2. Behaviour