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| **LAB 321Assignment** | **Type:** | **LongAssignment** |
| **Code:** | **3** |
| **LOC:** | **500** |
| **Slot(s):** | **3-4** |

**Title:** User Management

**Background**

User management is the core function of any web application.

**Program Specifications**

In this assignment, you are requested to develop a simple user management system.

**Features:**

This system contains 4 main functions

* Function 1 : Add a new user (Pic 01)

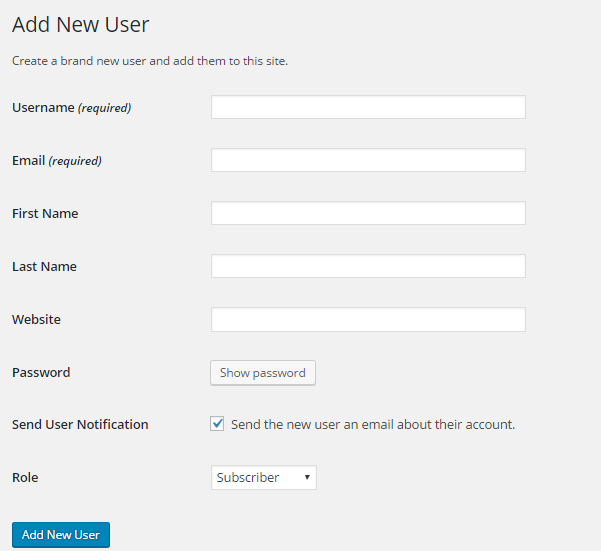
One user should contains at least the following information

* + UserName
  + Email
  + FirstName
  + LastName
  + Password
  + Role
* Function 2 : User list ( PIC 02)
  + List all user available in the system
* Function 3 :Login ( see PIC 03)
  + In order to access the page user list, an authentication is required.
  + If the user has not authenticated, the system redirect to the login page (PIC 03)
  + The actor enters username and password, the function check if the username with the password is in the available user list, then grant the access permission. If not, a message would appear no notify that user is not found.

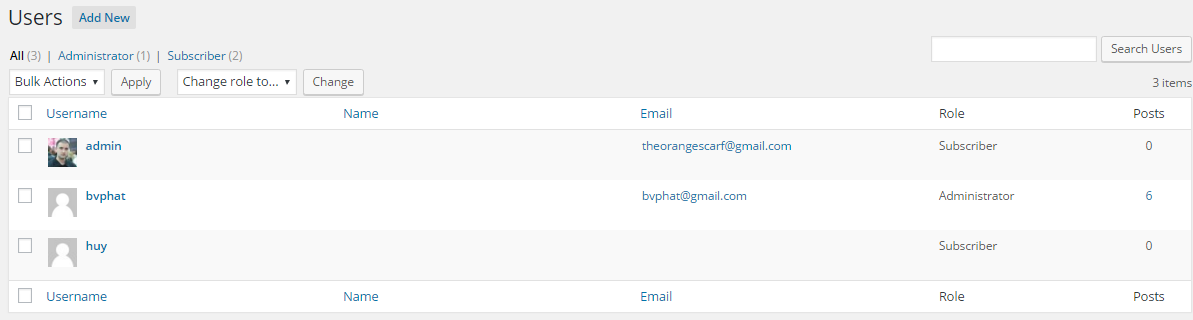
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***Expectation of User interface:***

Pic 01 : Add a new user



Pic 2: Show all user



PIC 3: Login to the system



**Guidelines**

* Step 1 : Create web layout
* Step 2 : Create prototype
* Step 3 : Design database base on created prototype
* Step 4 : Code & Test