**MAP523/DPS923**

**Lab Six**

In this lab, you are requested to develop an application for an iOS device to manage the users. This application requires data to be written/read on/from the device, therefore, use an appropriate template for your project.

The requirements application is as follows:

A username and password request on the first screen. Once the user enters the credentials, one the following cases will happen:

1. If the user has logged in before and the credentials are correct (username is found in the database and the password is correct), then the message "Hello %username%" will be displayed on the screen, e.g. Hello John
2. If the username is found, but the password is incorrect, the message "Wrong Password" will be displayed on the system and the user is asked to enter the credentials one more time.
3. If the user has not logged in before (the username is not found in the database), then the message "Username is not found” is displayed. In this case, the "Sign Up" button will be displayed on the screen. Once the user clicks the "Sign Up", he/she is redirected to the sign up page.

The sign up page will ask the user to enter: "username", "password", “address” and “age”.

If the username already exists in the system, the "username already exists" message will be displayed.