1. Create a database named “***lab02***” in SQL Server.
2. Create a table named ***account*** in lab01 database. The structure of table is described as below:

|  |  |  |
| --- | --- | --- |
| username | Varchar(50) | Primary key |
| password | Varchar(32) | Not null |
| fullname | Varchar( | Not null |
| gender | Varchar(6) | Not null |
| birthday | Date | Not null |
| department | Varchar(100) | Not null |

1. Create a table named ***Product*** in lab02 database. The structure of table is described as below:

|  |  |  |
| --- | --- | --- |
| pro\_id | Varchar(50) | Primary key |
| pro\_name | Varchar(100) | Not null |
| pro\_quan | Int | Not null |
| pro\_price | long | Not null |
| pro\_pic | string | Not null |
| pro\_des | Varchar(1000) | Not null |

1. Create a table named ***Order*** in lab02 database. The structure of table is described as below:

|  |  |  |
| --- | --- | --- |
| order\_id | Varchar(20) | Primary key |
| username | Varchar(50) | Not null |
| order\_total | Int | Not null |
| order\_date | date | Not null |
| order\_des | Varchar(1000) | Not null |

1. Adding 05 data rows into the table. The password field must be hashed by using MD5 algorithm.
2. Create a project named ***Lab02\_YourName*** in Netbeans and using JSP Model 2.
3. Create a login page named ***index.jsp***. When client login successfully, using the cookie to store the username with 03 days expiry and the cookies will be sent to the client.
4. After login successfully, client will be redirected to ***listProduct.jsp***. At the top right of the page, display the information:

Hello, <fullname of client> (Sign out)

* 1. The page ***listProduct.jsp*** will display all the data of product table in database.
  2. When client click on the Sign out link, all the sessions and cookies will be destroyed and client must be relogged in again.

1. Create CRUD functions for product and order table. With order functions, username will be gotten from session or cookie.
2. In Create function of product, student must upload image to folder in the project and store the path of image to database.

**Note**:

* Using bootstrap to design the UI such as: table, button, link, header, banner,…
* Using Jquery to validate the data that is inputted by user.