The mobile device data is stored in a table named **tbl**\_**Mobile**. The structure of the **tbl**\_**Mobile** has been specified below:

|  |  |
| --- | --- |
| **Field Name** | **Type** |
| mobileId | varchar(10) – **Primary Key** |
| description | varchar (250) – Not null |
| price | float |
| mobileName | varchar(20) – Not null |
| yearOfProduction | int |
| quantity | int |
| notSale | bit (0: sale) |

The Application must be authenticated to identity the member that can be accessed the application in **tbl\_User**

|  |  |
| --- | --- |
| **Field Name** | **Type** |
| userId | varchar (20) – **Primary Key** |
| password | int – Not null |
| fullName | varchar (50) – Not Null |
| role | int (0: user, 1: manager, 2: staff) |

Web site using MVC2 in JavaEE allows some functions as

- Login with staff user, and user

+ With staff,

     - Search device with id or name

     - Delete mobile on data grid

     - Update price, description, quantity, and notSale of mobile on data grid

     - Insert new mobile into DB

+ With user

     - Search device with price in range [min, max]

     - Add mobile to cart

     - View mobile cart and remove items

     - Store mobile to DB (student designs in his/her self)

All of function be validated

Note: Before you run this project please change the username and password of your SQL in my package sample.utilities class DB Connection.