The information user is stored in a table named **tbl\_account**. The structure of the **tbl\_account**has been specified below:

|  |  |
| --- | --- |
| **Field Name** | **Type** |
| username | varchar(20)– **Primary Key** |
| password | varchar(25)– Not null |
| role | Int (0:admin,1:Staff,2:User,3:Mannager) |
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The information room is stored in a table named **tbl\_room.** The structure of the **tbl\_room** been specified below:

|  |  |
| --- | --- |
| **Field Name** | **Type** |
| roomID | varchar(3)– **Primary Key** |
| description | varchar(250) |
| hourPrice | float |
|  |  |
| dayPrice | float |
|  |  |
|  |  |
|  |  |
|  |  |
| categoryID | varchar(5) |
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The information Maintenance is stored in a table named **tbl\_maintenance** The structure of the **tbl\_maintenance** been specified below:

|  |  |
| --- | --- |
| **Field Name** | **Type** |
| id | Int - **Primary Key** |
| requestDate | datetime |
| reason | varchar(250) |
| repairedDate | datetime |
|  |  |
|  |  |
|  |  |
| mend | varchar(250) |
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|  |  |
|  |  |
|  |  |
| Cost | float |
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| roomed | varchar(3) |
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| userId | varchar(50) |
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Web site using MVC2 in JavaEE allows some functions as

- Login with staff user,admin and manager

+ With staff,

* Search info room damage by Date
* Default date search is Today
* Date input must be validated.
* LogOut

+ With user

LogOut

+ With Admin

LogOut

+ With Manager:

* Search Info Room
* Show All Room In Database
* Report Room damage with room has checkbox is checked.
* Update information Room (Description, Hour Price, Day Price)
* All information Input must be validate

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