**The TABLES To Be Used In The Project**

**The back-end (database) contains four tables:**

1. **Users**
2. **Exam**
3. **Questions**
4. **Performance**

But we have to create these tables in a new user in **Oracle** database. So first we will create a new user in Oracle called **onlineexam** with the password **student** and then in this user we have to create the above mentioned 4 tables.

**HOW TO CREATE A NEW USER IN ORACLE**

1. Login to **System** user with the password you have set. We are assuming the password is **abc**:

**connect system/abc;**

1. Now type the following command

**Create user onlineexam identified by student;**

1. Now type the next command as shown below to give the user privileges

**Grant resource , connect to onlineexam;**

Now login to the user **onlineexam** and create following 4 tables with the structure shown below:

**USERS:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column Name** | | **Data Type** | **Description** |
| **USERID** | **Varchar2(10)** | | **Contains Userid** |
| **PASSWORD** | **Varchar2(10)** | | **Contains password** |
| **USERTYPE** | **Varchar2(10)** | | **Contains ‘Student’ or ‘Admin’ to indicate type of the user** |

**EXAM:**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| **EXAMID** | **Varchar2(10)** | **Contains id of the paper** |
| **LANGUAGE** | **Varchar2(10)** | **Contains the programming language name** |
| **TOTAL\_QUESTION** | **Number(4)** | **Contains total number of question present** |

**QUESTIONS:**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| **EXAMID** | **Varchar2(10)** | **Contains id of the paper** |
| **LANGUAGE** | **Varchar2(10)** | **Contains the programming language name** |
| **TOTAL\_QUESTION** | **Number(4)** | **Contains total number of question present** |

**PERFORMANCE:**

|  |  |  |
| --- | --- | --- |
| **Column Name** | **Data Type** | **Description** |
| **USERID** | **Varchar2(10)** | **Contains Admin Provided User ID** |
| **EXAMID** | **Varchar2(10)** | **Contains id of the paper** |
| **RIGHT** | **Number(4)** | **Number of correct answers** |
| **WRONG** | **Number(4)** | **Number of wrong answers** |
| **UNATTEMPTED** | **Number(5)** | **Number of unattempted questions** |
| **PER** | **Number(5,2)** | **Percentage obtained** |
| **LANGUAGE** | **Varchar2(10)** | **Programming language name** |