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**S01399613 S01371409**

**CPEN 410: MINI EBAY DATA DICTIONARY**

**DEPARTMENT TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| dept\_name | varchar(20) | NOT NULL, PRIMARY KEY | Name of the department |

**MENUELEMENT TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| menuID | int | NOT NULL, PRIMARY KEY | Menu identifier |
| title | varchar(40) | NOT NULL | Title of the menu |
| Description | mediumtext | NOT NULL | Description of menu |

**PRODUCT TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| ProductID | int | NOT NULL, AUTO\_INCREMENT, PRIMARY KEY | Product identifier |
| ProductName | varchar(255) | NOT NULL | Name of the product |
| description | varchar(255) | DEFAULT NULL | Description of the product |
| dept\_name | varchar(20) | NOT NULL, FOREIGN KEY REFERENCES department(dept\_name) | Department of the product |
| bid | decimal(10,0) | NOT NULL | Bid amount for the product |
| duedate | datetime | NOT NULL | Due date of the product |
| UserName | varchar(20) | NOT NULL, FOREIGN KEY REFERENCES usergood(UserName) | Username of the seller |
| image | mediumtext |  | Image of the product |

**ROLE TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| RoleId | varchar(20) | NOT NULL, PRIMARY KEY | Role identifier |
| Name | varchar(20) | NOT NULL | Name of the role |
| Description | varchar(20) | NOT NULL | Description of the role |

**ROLEUSER TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| UserName | varchar(20) | NOT NULL, FOREIGN KEY REFERENCES usergood(UserName) | Username of the user |
| RoleId | varchar(20) | NOT NULL, FOREIGN KEY REFERENCES role(RoleId) | Role identifier |
| dateAssign | date | NOT NULL | Date of role assignment |

**ROLEWEBPAGE TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| RoleId | varchar(20) | NOT NULL, FOREIGN KEY REFERENCES role(RoleId) | Role identifier |
| pageURL | varchar(255) | NOT NULL, FOREIGN KEY REFERENCES webpage(pageURL) | URL of the webpage |
| dateAssign | date | NOT NULL | Date of assignment |

**USERGOOD TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| UserName | varchar(20) | NOT NULL, PRIMARY KEY | Username of the user |
| hashing | mediumtext | NOT NULL | Hashing for authentication |
| Name | varchar(20) | NOT NULL | Name of the user |
| Telephone | varchar(20) | NOT NULL | Telephone number |

**WEBPAGE TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| pageURL | varchar(40) | NOT NULL, PRIMARY KEY | URL of the webpage |
| pageTitle | varchar(40) | NOT NULL | Title of the webpage |
| Description | mediumtext | NOT NULL | Description of webpage |
| menuID | int | DEFAULT NULL, FOREIGN KEY REFERENCES menuelement(menuID) | Menu identifier |

**WEBPAGEPREVIOUS TABLE:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Column** | **Data Type** | **Attributes and Constraints** | **Description** |
| currentpageURL | varchar(40) | NOT NULL, FOREIGN KEY REFERENCES webpage(pageURL), PRIMARY KEY | Current page URL |
| previouspageURL | varchar(40) | NOT NULL, FOREIGN KEY REFERENCES webpage(pageURL), PRIMARY KEY | Previous page URL |