FARMERS CORNER WITH AUCTION SYSTEM

Name: Login table

Primary key: lid (login id)

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Constraint | Description |
| Lid | Int | Primary key,auto increment | Login id |
| username | varchar | Not null | username |
| password | Varchar | Not null | password |

Name: Farmer’s registration table

Primary key: fid (farmer’s id)

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Constraint | Description |
| Fid | Int | Primary key,Auto increment | Farmer’s id |
| Fname | Varchar | Not null | Farmer’s first name |
| lname | Varchar | Not null | Farmer’s last name |
| addressline1 | Varchar | Not null | address of farmer |
| addressline2 | varchar | Not null | Address of farmer |
| addressline3 | Varchar | Not null | Address of farmer |
| place | Varchar | Not null | Place of farmer |
| phone | varchar | Not null | Number of farmer |
| land area | varchar | Not null | Land area |
| image | varchar | Not null | Picture of land |
| status | varchar | Not null | Approvation status |

Name: Category table

Primary key: Iid(item id)

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Type | Constraints | Descriptions |
| Iid | int | Pk auto increment | Item id |
| Item type | varchar | Not null | Category of crop |

Name: Type table

Primary key:tid(type id)

Foreign key: Iid -referred from category table

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Type | Constraints | Descriptions |
| tid | Int | Pk | Type id |
| Iid | Int | Fk | Item id |
| values | Varchar | Not null | values |

Name: Crop registration table

Primary key: cid(crop id)

Foreign key: Iid – referred from category table, fid -referred from farmer registration table

tid – referred from type table

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Constraint | Description |
| cid | Int | Primary key, auto increment | Crop id |
| Fid | Int | Foreign key | Farmer’s id |
| Iid | int | Fk | Type id |
| tid | int | Fk | Crop id |
| Quantity | Varchar | Not null | Quantity in kg |
| Price | Int | Not null | Price of crop |
| Image | Varchar | Not null | Picture of crop |
| Status | Varchar | Not null | Approvation status for delivery |
| Expiry date | date | Not null | Expiry date of crop |

Name: Customer’s registration table

Primary key: cumid (customer’s id)

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Constraint | Description |
| cumid | Int | Primary key,Auto increment | customer’s id |
| Fname | Varchar | Not null | customer’s first name |
| lname | Varchar | Not null | customer’s last name |
| addressline1 | Varchar | Not null | address of customer |
| addressline2 | varchar | Not null | Address of customer |
| addressline3 | Varchar | Not null | Address of customer |
| place | Varchar | Not null | Place of customer |
| phone | varchar | Not null | Number of customer |
| email | varchar | Not null | Email id |

Name: Order table

Primary key: oid(order id)

Foreign key: cid – referred from crop registration table, cumid -referred from customer registration table

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Type | Constraint | Description |
| Oid | Int | Primary key, auto increment | Order id |
| cid | Int | Foreign key | Crop’s id |
| cumid | int | Foreign key | Customer id |
| Quantity | Varchar | Not null | Quantity of crop for buy |

Name: Payment table

Primary key: pid(payment id)

Foreign key: oid – referred from order table, cumid -referred from customer registration table

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Type | Constraint | Description |
| pid | Int | Primary key, auto increment | payment id |
| oid | Int | Foreign key | order id |
| cumid | int | Foreign key | Customer id |
| status | Varchar | Not null | Payment status |

Name: Complaint table

Primary key: comid(complaint id)

Foreign key :Iid - referred from category table, tid – refered from type table, cumid -refered from customer registration table

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Constraint | Description |
| Comid | Int | Primary key ,auto increment | Complaint id |
| Iid | Int | Fk | item id |
| tid | Int | Fk | Type id |
| cumid | varchar | Not null | Customer id |
| Complaint | Varchar | Not null | Complaints |
| Enquiry | Varchar | Not null | Registered complaint enquiry to corresponding farmer |
| Replay | Varchar | Not null | Replay by farmer |
| status | varchar | Not null | Status by admin |

Name: Enquiry table

Primary key: eid(enquiry id)

Foreign key: comid -referred from complaint table

|  |  |  |  |
| --- | --- | --- | --- |
| Fields | Type | Constarints | Descriptions |
| eid | Int | Pk auto increment | Enquiry id |
| comid | Int | Fk | Complaint id |
| enquiry | Varchar | Not null | Questions |
| replay | Varchar | Not null | Replay |

Name: Group forum table

Primary key: gid(group forum id)

Foreign key: fid - referred from farmer registration table

|  |  |  |  |
| --- | --- | --- | --- |
| Field | Type | Constraint | Description |
| Gid | Int | Primary key, auto increment | Group forum id |
| Fid | Int | Foreign key | Farmer’s id |
| Question | Varchar | Not null | Doubt to admin |
| Answer | Varchar | Not null | Answer from admin |
| article | varchar | Not null | Enter article related to farming |