

# **WATER BANK-WATERAIN**

## **TABLE DESIGN**

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### **1)Table\_login**

Primary key = login id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Login id	Int(10)	Primary key	Id for login
2	username	Varchar(30)	Not null	Name of the user
3	password	Varchar(8)	Not null	password
4	status	Varchar(10)	Not null	status

### **2)Table\_Registration**

Primary key = User id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	User id	Int(10)	Primary key	Id for registration
2	First name	Varchar(30)	Not null	Name of the user
3	Last name	Varchar(8)	Not null	password
4	username	Varchar(10)	Not null	status
5	Email id	Varchar(50)	Not null	Email id
6	role	Varchar(10)	Not null	Role of user

### **3)Table\_address**

Primary key = Address id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Address id	Int(10)	Primary key	Id for address
2	User id	Varchar(30)	Foreign key (registration_userid)	Id for user
3	Street address	Varchar(25)	Not null	Street address
4	city	Varchar(30)	Not null	city
5	state	Varchar(30)	Not null	state
6	Pincode	Int(10)	Not null	Pincode

#### **4)Request table**

Primary key = Request id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Request id	Int(10)	Primary key	Id for request
2	User id	Int(10)	Foreign key (registration_userid)	Id for user
3	Request type	Varchar(8)	Not null	Water supply request type
4	Delivery date	Date time	Not null	Date and time
5	Location	Varchar(50)	Not null	Location
6	Status	Varchar(10)	Not null	Status

#### **5)WaterQuality check table**

Primary key = check id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Check id	Int(10)	Primary key	Check id for test
2	Sample id	Int(10)	Not null	Id for sample
3	Date	Date	Not null	Date of test
4	Check Result	Varchar(50)	Not null	Result of test

#### **6)Awareness Resource table**

Primary key = Resource id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Resource id	Int(10)	Primary key	Resource id
2	title	Varchar(50)	Not null	Title of Resource
3	Resource type	Varchar(50)	Not null	Workshop/webinar

### **7)Feedback\_table**

Primary key = Feedback id

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Feedback id	Int(10)	Primary key	Feedback id
2	User Id	Int(10)	Foreign key (registration_userid)	Id for user
3	Feedback text	Varchar(50)	Not null	Feedback provided
4	date	Date	Not null	Date and time of notification

### **8)Product details\_table**

Primary key = pid

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	pid	Int(10)	Primary key	Product id
2	pname	Varchar(50)	Not null	Name of product
3	price	double	Not null	Price of product
4	Stock Quantity	Int(10)	Not null	Balance stock

### **9)Cart\_table**

Primary key = cid

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	cid	Int(10)	Primary key	Cart id
2	User Id	Int(10)	Foreign key (registration_userid)	Id for user
3	pid	Int(10)	Foreign key (Product_pid)	Product id
4	Qty	Int(10)	Not null	Number of items

### **10)Payement table**

Primary key = payid

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Pay id	Int(10)	Primary key	Payement id
2	User Id	Int(10)	Foreign key (registration_userid)	Id for user
3	Address id	Int(10)	Foreign key (Address_addressid)	Id for address
4	Payment id	Varchar(10)	Not null	Payement id
5	Pay status	Int(10)	Not null	Payement status

### **11)Checkout table**

Primary key = coutid

No	Field Name	Datatype(size)	Key Constraints	Description of the field
1	Cout id	Int(10)	Primary key	checkout id
2	User Id	Int(10)	Foreign key (registration_userid)	Id for user
3	Pay id	Int(10)	Foreign key (Payement_payid)	Payement id
4	Payment id	Varchar(10)	Not null	Payement id
5	status	Int(10)	Not null	status