

# Relational Schema Definition and Domain of all attributes

Business(**Business\_Id**, Business\_Name, Description, Address\_Id, StartDate, EndDate, Plan\_Id, Email\_Id, PWD, Category, Approval, Card\_Number, ExpiryDate, CVV)

Business\_Roles(**Role\_Id**, Business\_Id, Business\_Role, EmployeeName, Email\_Id, Contact)

Business\_Features(**Plan\_Id**, Business\_Id, Contact\_Info, Count\_of\_Connections, Access\_to\_Connect\_Pay, Access\_of\_reviews, Cost)

Services(**Service\_Id**, Service\_Name, Business\_Id, Category, Reviews\_Count, Duration\_Of\_Service)

Customer\_Clicks(**Click\_Id**, Number\_Of\_Clicks, User\_Id, Count\_Favourites, Location\_Of\_User, Advertisement\_Views)

Questions(**Qsn\_Id**, Service\_Id, User\_Id, Question, Answer, Status)

Who\_Does\_That\_Employees(**Super\_User\_Id**, User\_Id, Username, Contact, Role, Manager\_Id)

Customer(**User\_Id**, Name, Email\_Id, Contact, Password, Super\_User\_Id, StartDate, EndDate, Plan, user\_Feature\_Id, CardNumber, ExpiryDate, CVV, Address\_Id)

Customer\_Features(**User\_Feature\_Id**, Real\_Time\_Review, Phone\_No, Connections, Connect\_Pay, Appointments, Cost)

Cart(**Cart\_Id**, User\_Id, Service\_Id, Service\_Name, Rating)

Recent\_Access(**Recent\_View\_Id**, Service\_Name, Number\_of\_Searches, Count\_Of\_Business\_Selling, User\_Id)

Reviews(**Review\_Id**, Service\_Id, Service\_Name, User\_Id, Review\_Description, Rating)

Address(**Address\_Id**, StreetName, City, State, PostalCode)

Verifies(**Business**, **Who\_Does\_That\_Employees**)

Clicks(**Customer**, **Customer\_Clicks**)

Helps(**Customer**, **Who\_Does\_That\_Employees**)

Choose(**Customer**, **Services**)

## Domains Of all attributes

### Business Attribute Types:

int Business Id  
String Business Name //Represents name of the business <25 chars  
String Description // About the business <500 chars  
int Address\_id //foreign key for Address entity  
int Plan\_Id //foreign key for Business-Features Entity  
String StartDate //Represent Start Date of the Plan selected by the Business  
String EndDate //Represent EndDate of the Plan selected by the Business  
String Email\_Id //Represent the common business email id <40 chars  
String Category //Represent the Business category in the Application <50 chars  
String Approval //Represents the approval Status of the business <20 chars  
Long int Card\_Number //Represents the payment detail of the business  
String Expiry Date //Represents Card expiration <30chars  
Int CVV //Payment Details  
String PWD // Password Of the business

### Business\_Roles Types:

int Role\_id  
int Business\_id //foreign Key for Business Entity  
String Role //Represents type of the role <50 chars  
String Employee Name //Represents name of the employee <70 chars  
String Email\_Id //Represents the email id  
String ContactNumber //Represents the number of the employee

### Business\_Features Types:

int Plan\_Id  
int Business\_Id //foreignKey for Business Entity  
Boolean Contact Info //Represents the User Contact Info  
Boolean Count\_Of\_Connections //Represents weather business can connect or not  
Boolean Access\_to\_Connect\_Pay //Represent the access to connect pay.  
Boolean Access\_to\_reviews //Weather to provide review access or not  
int Cost // Represents the cost of the plan choose by business.

### Services Types:

```
int Service_id
int Business_id           //foreign Key of the Business entity
String Service_name       //represents the name of the service <50 chars
String Category           //represents the sub-categories of the services <100chars
int Reviews_Count         //represents the count of the reviews
String Duration_of_Service //represents the time of the service <50chars
```

### Reviews Types:

```
int Review_Id
int Service_Id           //Foreign Key of the Services Entity
String Service_Name      // Name of the Service <50Chars
int User_id              // Storing the user Id to let business know who gave the review
```

### Customer\_Clicks

```
int Click_Id
int Number_Of_Clicks     //Count of clicks done by the customer
int User_Id              //Foreign Key of the Customer Entity
int Count_Favourites     //count of the Favourites by the customer
String Location_Of_user   //represents the location of user <50chars
int Advertisements_Views //represents customer surfed from advertisement.
```

### Questions

```
int Qsn_id
int Service_Id           //foreign key for the service entity
int User_Id              //storing the user id to let business know who asked he query
String Question          //represent the questions asked by customer <1000 chars
String Answer            // represent the answers for the questions
String Status            // represent the status of the question
```

### Recent Access Types:

```
int Recent_View_id
String Service_Name       // Name of the Service Searched by the User.
int Number_Of_Searches   //Count of searches related to the service name
int Count_Of_Business     //Count Of Business providing the Services
int User_Id              //Foreign Key Of the Customer entity
```

### Customer Types:

int User_Id	
String Name	//represents Customer Name <50 chars
String Email_Id	// represents email id of the customer <50 chars
String Contact	//phone number of the customer<50 chars
String Password	// Password of the Customer <50chars
int Super_User_Id	// Foreign Key of the WDT Employee
String StartDate	//represent start date of the Customer
String EndDate	//represent enddate of the Customer
String Plan	//represent the Selected Plan <50 Chars
int User_Feature_Id	//foreign Entity of the User-Feature Entity
Long int Card_Number	//Represents the payment detail of the customer
String Expiry Date	//Represents Card expiration <30chars
int CVV	//Payment Details
int Address_Id	//foreign key of the Address entity

### Who\_Does\_That\_Employees Types:

int Super_User_Id	
int User_Id	//Foreign Key Of the Customer Entity
String UserName	//Username of the Who Does that Employee <50chars
String Contact	//Represent the Customer Contact
String Role	// Represent Type of the admin role
int Manager_Id	//Recurrence foreign key

### Customer\_Features Types:

int User_feature_id	
Boolean Real Time Review	//Customer will take the feature or not
Boolean Phone_No	//Customer will take the feature or not
Boolean Connecions	//Customer will take the feature or not
Boolean Connect_Pay	//Customer will take the feature or not
Boolean Appointments	//Customer will take the feature or not
double Cost	//Customer membership plan cost

### Cart Types:

int Cart_Id	
int User_Id	//foreign Key of the Customer Entity
int Service_Id	// Storing the service id of the customer favourites
String Service_Name	//Name of the Service <50 chars

double Rating // rating the service provided by the customer

#### Address Types:

int Address\_Id  
String Street\_Name //represent the street <50 Chars  
String City // represent City <50 chars  
String State // represent State <50 chars  
int Postal\_Code //represents area code

#### Verifies Types:

int Business\_Id //foreign Key of the Business Entity  
Int Super\_User\_Id //foreign Key Of the Who\_Does\_that\_employee entity

#### Selected Types:

int User\_Id //foreign Key Of the Customer Entity  
int Service\_Id //foreign Key Of the Services Entity

#### Clicks Types:

int Click\_Id // foreign Key of the Customer\_Click's Entity  
int User\_Id // foreign Key Of the Customer Entity

#### Helps Types:

int User\_Id //foreign Key Of the Customer Entity  
int Super\_User\_Id //foreign Key Of the Who\_Does\_That\_Employee entity