Letter No: sharedrive/database/01

Dated: 21-01-15

Exepection of ur reply: 22/01/15

Hi friend,

I am presenting you db design of sharedrive.com .pls change accordingly if changes are required.

Pankaj Negi

Users:

Share drive will have three types of user

1. Admin Users: Seprate table will be designed for it.
2. Passenger User who wish to ride in car .
3. Host user who will host that car
4. **User types**

For 2 and 3 we will design a common table . we have to give user option at the tym of registration

Option for using our site

>Host a Car : (I person who wish to host a car never lyk to be passenger) – I don’t think we need this. If person always want to be Host and never passenger, he will never apply for existing ride. So, it won’t be there as a separate use case.

> Passenger: (May be passenger not owend a car and not wish to host so we will show him only limited option in site i.e. travelling)

>May be both ( wish to host some and wish to became passenger sometime)

1. Users??: As discuss earlier we have to extract much more information from facebook id ,we need to store these information in our database also.

So user data are going to divide in two tables

1. user\_information
2. user\_details

And here are table design constraints

**Table name: sd\_user**

|  |  |  |
| --- | --- | --- |
| Field Name | Data type | Comment |
| Sd\_user\_name |  |  |
| Sdu\_email\_id |  |  |
| Sdu\_facebook\_id |  |  |
| sdu\_contact\_no |  |  |
| Sdu\_type |  | Driver/passenger/both – **Don’t need** |

**Table name: sdu\_detail**

Basically data is meant for this table is to make our service intelligent.

|  |  |  |
| --- | --- | --- |
| **Field Name** | **Data Type** | **Comment** |
| **Sdu\_name** |  | **Link with parent table sd\_user** |
| **Sdu\_chatter** | **Int(2)** |  |
| **Sdu\_music** | **Int(2)** |  |
| **Sdu\_pet** | **Int(2)** |  |
| **Sdu\_smoking** | **Int(2)** |  |
| **Sdu\_food** | **Int(2)** | **Veg/non veg – {No Food=0, Veg Food=1, Non-Veg=2}** |
| **Languages Known** |  | **{Hindi, Enlglish,etc} No need to create any table for list of languages as of now.** |
| **Profession** | **Varchar(50)** | **I feel people always want to travel with like-minded person. This would be optional one.** |
| **AC** |  |  |
| **Stereo** |  |  |
| **Leather Seats** |  |  |
| **Extended\_info** | **Varchar (255)** | **Field for future use to store more data in json format** |
| **User\_rating** | **Int(2)** | **Number between 0 to 50** |

Tables:Car\_data

If user is both or car driver we need to have information of his car…we will have another table for extracting car models and brands….but facility we cant extract…because may be as AC car may not have working AC.

Sd\_car\_data

|  |  |  |
| --- | --- | --- |
| Field name | Data type | Comment |
| Brand Name |  |  |
| Car Model |  |  |
| Year of Manufacture |  |  |

Sdu\_user\_cars

|  |  |  |
| --- | --- | --- |
| Field name | Data Type | Comment |
| **Sdu\_name** | Let’s create an index in parent table and use it as foreign key instead of sdu\_name | Linked with sd\_user |
| **Sduc\_name** |  |  |
| **Sduc\_type** | Asking for this info sound insensible as car model itself say if it is hatchback or not | Luxury/Hatch/Back |
| **Sduc\_no** | It is good to add this field ☺ | Plate no of Car |
| **Sdu\_license** | Car has registration number and not license no. We can remove this field. As so much info is not required. User DL is enough to track in case of any accident. | License no of Car |
| **Sdu\_car\_grad** | This is car grade (1-50). Rider would have his own rating from avg of rating of all cars in his fleet. | Feed back field by passenger of car |
|  |  |  |

These are basic input requirement pls. next mile stone is data. i.e. car reactors..booking , hosting a car etc that will I cover latter.

You Suggation are invited…before a Ok from your side..i will send you sql copy …

I welcome yous comments:

Neeraj /Anubhav/others\_\_

**Neeraj**: Great job Pankaj!!I have highlighted changes/suggestion in yellow. You can create DB with above info and share export of DDL command for them to team. Kindly also enter some dummy data to newly create table and provide insert statement from export to it.\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_