SUMMARY OF THE THINGS I SEE AND HOW OUR ERD WILL KEEP RECORDS

CUSTOMER

Cust_num	Cust_firstname	Cust_lastname	Cust_cellNo	Cust_email	Cust_address	login_username	login_password
1	Joseph	Starver	0787456389	jose@gmail.com	22 Lambda Street, Durban	Joseph88	Joseph88Pass
2	Nonhlanhla	Shezi	0865438976	Nonhlanhla011@gmail.com	16 Lamela Street, Durban	Nonhlanhla011	NonOtherThan11

EMPLOYEE (SPECIFICALLY A BARBER IN THIS CASE)

Emp_num	Emp_fname	Emp_lname	Emp_cellNo	Emp_email	Login_username	Login_password
6	Nkululeko	Memela	0637897654	freedom09@gmail.com	Freedom	freedom@09
7	Andile	Simelane	0737768892	Andilesim44@gmail.com	Andile	Andie9999

- QUESTION: HOW TO DIFFERENTIATE BETWEEN EMPLOYEE AND CUSTOMER LOGING-IN?
- WILL THEY HAVE DIFFERENT HOME PAGES OR??

SERVICE

Serv_num	Serv_price	Serv_descr
1	50	************
2	55	************

APPOINTMENT

App_Id	App_date	App_time	App_status	Cust_num	Emp_num	Serv_num
1	22 August 2023	16:35	Scheduled	1	6	2
2	22 August 2023	15:40	Scheduled	2	6	1

PAYMENT

Payment_Id	Payment_date	Payment_type	Payment_amounth	Cust_Id
24	19 August 2023	Debit Card	55	1
25	20 August 2023	Debit Card	50	2

RECEIPT

Receipt_num	Receipt_date	VAT	Receipt_amounth
12	19 August 2023	**	55
13	19 August 2023	**	50

- Payment and receipt should be of same date. (You cannot make a payment on 19/10/23 and receipt comes on the 20/10/23)
- Do we really need to charge people for VAT in a barber shop. Are we the government? Should also consider what if prices are already VAT INCLUSIVE?
- Receipt of which customer??

PRODUCT

Product_num	Product_name	Product_descr	Product_price
1	Hair clipper set	This is a full set of a hair clipper	350

| 2 | Scew driver pack | For cleaning and maintaining our clipping tools | 380 |
| 3 | Straight razors | Razors for clean beard shaving | 220 |

- This is why we cannot sell products, some may be sellable, but some doesn't make sense to sell at all.

SERVICEPRODUCT (SERVICE_TYPE)

Serv_Id	Prod_id	Service_type
2	2	***
1	3	***

- I just came up with something while writing this. We have a service right, then we have a product. Some services can be done with product, what's that => service type.
- Just think about it. Service type depends on both the service and product!
- That means screw service type under service and it will show in this entity. We can even call it service type. 😊

REVIEW

Review_num	Review_date	Review_description	Cust_num
3	28 August 2023	Damn. I'm really impressed with my barber. That nigga knows very well how to handle clients. Best barber in town. 😊	1
4	31 August 2023	WTF did that bro did to my hair. I just want my money back. I feel like the staff is failing to hire quality barbers. I just want my money back. 😖	2

- I did not include login entity but written its attribute under employee and customer.
- I did not include supply. I'm really starting to doubt it.
- I did not include logbook, what attributes are there??

What I think

- Logbook and appointment have a (1:1).

- Customer number and employee number cannot be primary keys and idk why. Just take for example you have your favourite barber you book everytime so in every appointment it's you and this barber. YOU: Hey, remember that employee is a combination of a barber and a cleck not just a barber. ME AGAIN: "What if we have only one cleck then it's just the same you, barber and the cleck." In this case it really doesn't make sense. Here is an example:

Customer_num	Emloyee_num (barber_num, cleck_num)
3	(4, 1)
3	(4, 1)

- Supply is not necessary. It does make sense to be included (Product's from where?) but if we can question everything then (Logbook from where? Login from where?, etc...)
- Again, I may have missed few things or wrong about some but I think I clearly raised some issues and my views about this before I look into normalising again.