

Database report

I created this database with the 3-Normalised vision in mind, hence the number of tables in the database.

I also took into account the fact that the secretary or the dentist would like to insert the method with which a payment or a schedule was made with the notes sections. Additionally, any other relevant notes can be put in there.

The reason I chose the Eircode was one to speed up the data insertion process and avoid having to generate addresses. However, an Eircode or an address are both VARCHAR and can be changed.

Every VARCHAR has been put to its capacity of 255 to enable the secretary and dentist freedom to add in any notes or account for names that could be longer. As this is a small dentist office, storage costs are likely not going to be large, hence the ability to have the 255 character limit.

I took the liberty of creating views to illustrate the way in which I envision the data to be represented on the front end.

Additionally with Foreign keys, I wanted to put them in at the end of the script to illustrate the thought process with the way in which the tables relate to each other.