Database Normalization

First Normal Form (1NF)

* Define the data items required, because they become teh columns in a table. Place related data items in a table.
* Ensure that there are no repeating groups of data.
* Ensure that there is a Primary Key.

Second Normal Form (2NF)

Second Normal Form(2NF) further addresses the concept of removing duplicate data as follows:

* Remove subsets of data that apply to multiple rows of a table and place them in separate tables.
* Create relationships between these new tables and their predecessors through the use of foreign keys.

These rules can be summarized in a simple statement as follows:

2NF attempts to reduce the amount of redundant data in a table by extracting it, placing it in new table(s) and creating relationship between those labels.