Normalisation

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    To start we put all possible attributes into one table and started normalizing from there. In the 1NF phase we made the table so no attribute contains more than one value. In the 2NF phase we split the table so all attributes in a table are dependent of the primary key. We also created a table that links all the primary keys to represent the purchase history. In the 3NF phase we split the tables further to make sure that the row can only be identified by the key and no other. Finally, in the 4NF phase we made sure there were no multi valued dependencies in a table. After this our tables looked like in the file "Normalisation Visualized.pdf". This was the structure we're going to use to code the database. In tables where there is an ID that isn't foreign, that ID will be used as a primary key. In tables consistant of multiple ID's referencing other tables we use all ID's as the key.