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## SOUTH DUBLIN HOUSING COUNCIL REPAIRS DATABASE

There are six items located in this file:

1. An export of the South Dublin Housing Council Repairs Database in an sql file which is to be imported into phpMyadmin to be viewed. The file is called south\_dublin\_housing\_council\_coddsrules.sql. It can be opened with notepad++ to view the database in sql language.
2. An sql file which has the code in it to carry out Codd's Rules in the South Dublin Housing Council Repairs database. This file is called sql\_queries\_south\_dublin\_housing\_council\_coddsrules.sql. It can be viewed in notepad ++.
3. There is also a pdf explain each of Codd's Rules and showing how they were proved in the South Dublin Housing Council Repairs database. The pdf file is called CODDS RULES FOR SOUTH DUBLIN HOUSING COUNCIL.pdf.
4. There is also a pdf file showing the database in xml design. The pdf contains a schematic, a DTD, XML file structure and 10 XPATH queries. The pdf is called southdublinxml.pdf.
5. There is also an xml file containing everything from number 4 except the schematic in an xml file. The xml file is called southdublinhousingcouncilxml.xml and can be viewed in notepad++.
6. This readme file in pdf format.

The database has stayed the same as its initial design and this can be seen in the design project for the website which is linked to this database.

There were a few minor changes made to the database which differed from the design of the database. These changes are as follows:

1. In the property table the TENANT column was changed to TENANT\_ID to have the same name as the TENANT\_ID primary key in the tenant table.
2. In the property table the REPAIRS column was changed to REPAIR\_ID to have the same name as the REPAIR\_ID primary key in the repairs table.
3. In the repairs table the TRADEMAN column was changed to TRADESMAN\_ID to have the same name as the TRADESMAN\_ID primary key in the tradesman table.
4. In the tradesman table the AVAILABILITY column was removed as the information provided with this column conflicted with information in the DATE and TIME columns in the repairs table.
5. In the tradesman table the EQUIPMENT column was changed to EQUIPMENT\_ID to have the same name as the EQUIPMENT\_ID primary key in the equipment table.