Chen Diagram V2.0

# Database Schema

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | STAFF |  | | **id\_staff** |  | | **id\_user \*** |  | | firstName | 1 | | lastName | | birthdate |  | | address\_1 | 2 | | city | | county | | postalcode | | natinsnumber | 3 | | contract\_type | | position | | qualifications | | contract\_start | | contract\_finish | | address\_2 | 4 | | emerg\_contact\_name | | emerg\_contact\_telephone | | emerg\_contact\_relation | | nationality |  | | allergies |  | | medicalNotes |  | | |  |  | | --- | --- | | MEMBERS |  | | **id\_member** |  | | **id\_user \*** |  | | firstName | 1 | | lastName | | birthDate |  | | address\_1 | 2 | | city | | county | | postalCode | | type |  | | payment\_method |  | | is\_active |  | | address\_2 | 3 | | emerg\_contact\_name | | emerg\_contact\_relation | | emerg\_contact\_phone | | emerg\_contact\_mobile | | allergies |  | | medical\_notes |  | | picture |  | | |  | | --- | | CLASSES | | **id\_class** | | name | | description | | type |  |  | | --- | | CLASS\_BOOKINGS | | **id\_class\_booking** | | **id\_class\_instance \*** | | **id\_member \*** | | booking\_date |  |  | | --- | | CLASS\_INSTANCE | | **id\_class\_instance** | | **id\_class \*** | | **id\_staff \*** | | **id\_room \*** | | date | | start\_time | | end\_time | | frequency | |
| |  | | --- | | STAFF\_EQUIPMENT\_BOOKINGS | | **id\_staff\_eq\_booking** | | **id\_staff \*** | | **id\_equipment \*** | | date\_start | | date\_due | | |  | | --- | | PAYMENTS | | **id\_payment** | | **id\_member \*** | | date | | amount | | details | | |  | | --- | | EQUIPMENT | | **id\_equipment** | | name | | description | | id\_set | |
| |  | | --- | | MEMBERS\_EQUIPMENT\_BOOKINGS | | **id\_mbr\_eq\_booking** | | **id\_member \*** | | **id\_equipment \*** | | date\_start | | date\_due | | |  | | --- | | USERS | | **id\_user** | | login | | password | | profile | | active | | |  | | --- | | ROOMS | | **id\_room** | | name | | description | | size | |

# Initial Entity Relationship Model



# Chen diagram

