|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Entity | Attribute Name | Description | Domain attribute and/or Data type | Null | Multi-Values |
| Department | dep\_id (PK) | Id of the department. Start with d and followed by integers | VARCHAR | No | No |
|  | dep\_budget | Amount of the USA dollars a department can spent annually | FLOAT | No | No |
|  | dep\_name | Name of the department | Varchar | No | No |
|  | Staff\_id (FK) | Id of staff Start with S and followed by integers | VARCHAR | No | No |
| Purchase | order\_id (PK) | Id of orders. Starts with O followed by | VARCHAR | No | No |
|  | demanded\_product | Wanted product for the department | Text | No | No |
|  | dep\_id (FK) | Id of the department. Start with d and followed by integers | VARCHAR | No | No |
|  | product\_cost | Cost of the product | FLOAT | No | No |
|  | purchase\_date | Date of purchase | DATE | No | No |
| Staff | Staff\_id (PK) | Id of staff Start with S and followed by integers | VARCHAR | No | No |
|  | Occupation | Job of the staff | VARCHAR | No | No |
|  | staff\_name | Name of the staff | Text | No | No |
|  | Staff\_gender | Sex of staff | Text | No | No |
|  | Staff\_phone | Phone number | VARCHAR | No | No |
|  | staff\_dob | Date of birth | Date | No | No |
|  | Staff\_email | Email of the staff | Text | No | No |
|  | dep\_id | Id of the department. Start with d and followed by integers | VARCHAR | No | No |
|  | room\_number | Number before point symbolized floor afterwards symbolized room number | VARCHAR | No | No |
|  | Staff\_adress | Address of the staff | Text |  |  |
| Patients | NHS (PK) | National health insurance number of the patient | INTEGER | No | No |
|  | p\_name | Name of the patient | Text | No | No |
|  | p\_adress | Address of the patient | Text | No | No |
|  | p\_phone | Phone number of the patient | VARCHAR | No | No |
|  | p\_gender | Gender of the patient | Text | No | No |
|  | Blood\_type | Type of blood | VARCHAR | No | No |
|  | p\_occupation | Job of the patient | Text | No | No |
|  | p\_dob | Date of birth | Date format | No | No |
|  | p\_email | e-mail of patient | TEXT |  |  |
| staff\_patient | NHS Composite PK  (FK) | National health insurance number of the patient | INTEGER | No | No |
|  | staff\_id Composite PK (FK) | Id of staff Start with S and followed by integers | VARCHAR | No | No |
|  | insurance | Insurance type of patient. Followed by code of company and type of insurance | VARCHAR | No | No |
| Appointment | a\_id (PK) | id of per visitation of patients. Starts with P, followed by the integers. | VARCHAR | No | No |
|  | NHS (FK) | National health insurance number of the patient | INTEGERS | No | No |
|  | Staff\_id (FK) | Id of staff Start with S and followed by integers | VARCHAR | No | No |
|  | visit\_date | Date of appointment | Date | No | No |
| Bill | bill\_id (PK) | Id of bills. Starts with B, followed by integers | VARCHAR | No | No |
|  | a\_id (FK) | id of per visitation of patients. Starts with P, followed by the integers. | VARCHAR | No | No |
|  | room\_cost | Cost of the room | FLOAT | No | No |
|  | med\_cost | Cost of the prescription | FLOAT | No | No |
|  | consult\_fee | Cost of the consultation | FLOAT | No | No |

