Table 1: Doctors Table

| ColumnName | DataType | Description |
| --- | --- | --- |
| doc\_id | Int64 | Unique Identifier and primary key for mapping with other two tables |
| first\_name | string | First name of the doctor |
| Middle\_name (optional) | string | Middle name of the doctor |
| last\_name | string | Last name of the doctor |
| birth\_date | datetime | Doctor’s birth date |
| email\_id | string | Doctor’s email id (same as login id) |
| login\_password | string | Password set by the user |
| years\_of\_practice | Int64 | Years of experience as a doctor |
| registration\_num | Int64 | Doctor’s registration number |
| qualification | string | Doctor’s qualification (MBBS/BHMS/BAMS/MD) |
| doc\_type | string | Opthalmologist/Endocrinologist/General\_Physician |
| hospital\_type | string | Identifier if it is a multispeciality hospital(0)/ Government hospital(1)/ private clinic(2) |
| hospital\_name | string | Name of hospital |
| hospital\_adress | string | Street address of the hospital |
| hospital\_city | string | City of the hospital location |
| hospital\_state | string | State of the hospital location |
| hospital\_country | string | Country of the hospital location |
| hospital\_pin | Int64 | PINCODE of the hospital |
| mobile\_num | int64 | Mobile number of the doctor |
| record\_time | datetime | Timestamp of record entry |

Table 2: Patients’ table:

| ColumnName | DataType | Description |
| --- | --- | --- |
| pt\_id | Int64 | Patients id (Primary Key) |
| doc\_id | Int64 | Doctor id to map with doctor’s table |
| first\_name | string | Patient’s first name |
| Middle\_name (optional) | string | Patient’s middle name |
| last\_name | string | Patient’s last name |
| birth\_date | datetime | Patient’s date of birth |
| skin\_irritation | Int8 | Binary indicator (0/1) |
| heart\_problem | Int8 | Binary indicator (0/1) |
| kidney\_problem | Int8 | Binary indicator (0/1) |
| blood\_pressure | Int8 | Binary indicator (0/1) |
| diabetes\_type | Int8 | Integer having values 1/2/3 |
| right\_eye\_number | Float (signed) | Number with sign - left eye |
| left\_eye\_number | Float (signed) | Number with sign - right eye |
| diabetes\_since | Int64 | Year when diabetes was detected |
| patient\_city (optional) | string |  |
| patient\_pincode (optional) | Int64 | Pincode of residence |
| contact\_num (optional) | Int64 | Patient’s contact number |
| record\_time | datetime | Timestamp of record entry |

Table 3. Records Table:

| ColumnName | DataType | Description |
| --- | --- | --- |
| rec\_id | Int64 | Unique identifier for each record (Primary Key) |
| pt\_id | Int64 | patient id to map with the patients table |
| doc\_id | Int64 | Doctor id to map with the doctors table |
| img\_path\_json | string | Path of image in GCS bucket. |
| model\_response\_left | Int64 | Binary response (0/1) |
| model\_response\_right | Int64 | Binary response (0/1) |
| doc\_response\_left | Int64 | Binary response (0/1) |
| doc\_response\_right | Int64 | Binary response (0/1) |
| record\_time | datetime | Timestamp of record entry (same for all the images) |