**#Database Details:-**

**CREATE TABLE IF NOT EXISTS public."Staff\_details"**

**(**

**"ID" integer NOT NULL,**

**"Name" character(1) COLLATE pg\_catalog."default" NOT NULL,**

**"Gender" character(7) COLLATE pg\_catalog."default" NOT NULL,**

**"Phone\_number" numeric(10,0) NOT NULL,**

**"Email\_Id" character(50) COLLATE pg\_catalog."default" NOT NULL,**

**"DOB" date NOT NULL,**

**"Shift" character(50) COLLATE pg\_catalog."default",**

**"Attends" character(50) COLLATE pg\_catalog."default",**

**CONSTRAINT "Staff\_details\_pkey" PRIMARY KEY ("ID")**

**)**

**API Details :-**

|  |  |  |  |
| --- | --- | --- | --- |
| Method | URL | Params | Desc |
| GET | http://127.0.0.1:8000/fetchstaffdetails | NA | Fetch all details from staff detail table. |
| DELETE | <http://127.0.0.1:8000/deletestaffdetails?ID=4> | ID=4 | Will delete the record with specific ID |
| POST | http://127.0.0.1:8000/addstaffdetails?ID=4&Name=3&Gender=M&Phone\_number=1&Email\_Id=test&DOB=2020-01-01&Shift=9-8&Attends=test | ID=4&Name=3&Gender=M&Phone\_number=1&Email\_Id=test&DOB=2020-01-01&Shift=9-8&Attends=test | Insert records will all parameters. |
| PUT | http://127.0.0.1:8000/updatestaffdetails/2?Name=test | ID | Will update the parameter based on passed ID. |

**Note:-**This is an initial schema and api response will update the constraints in futher modification.

For database I have used **PostgreSQL,** and for Api creation I have used python**(Fastapi with rust).**