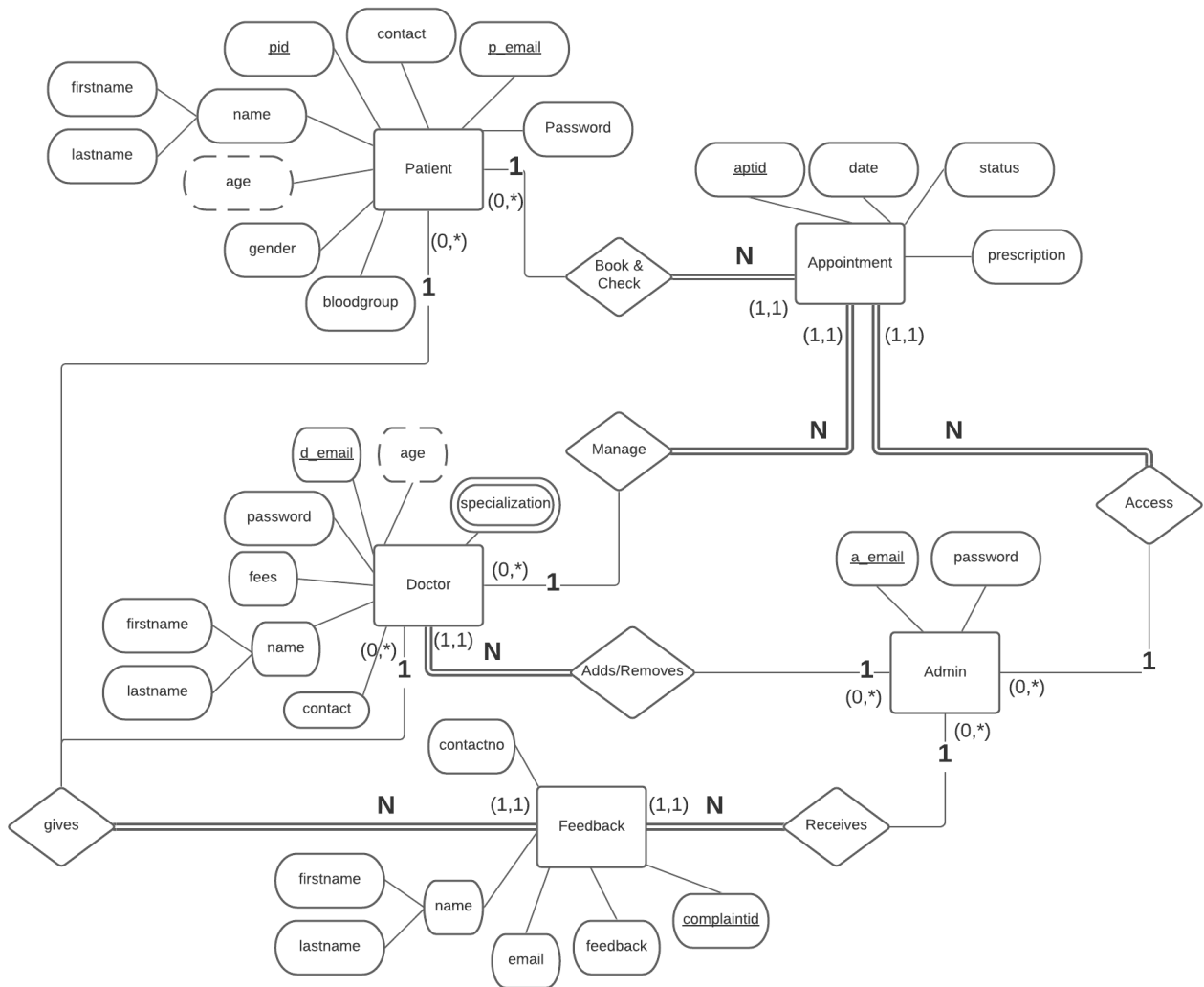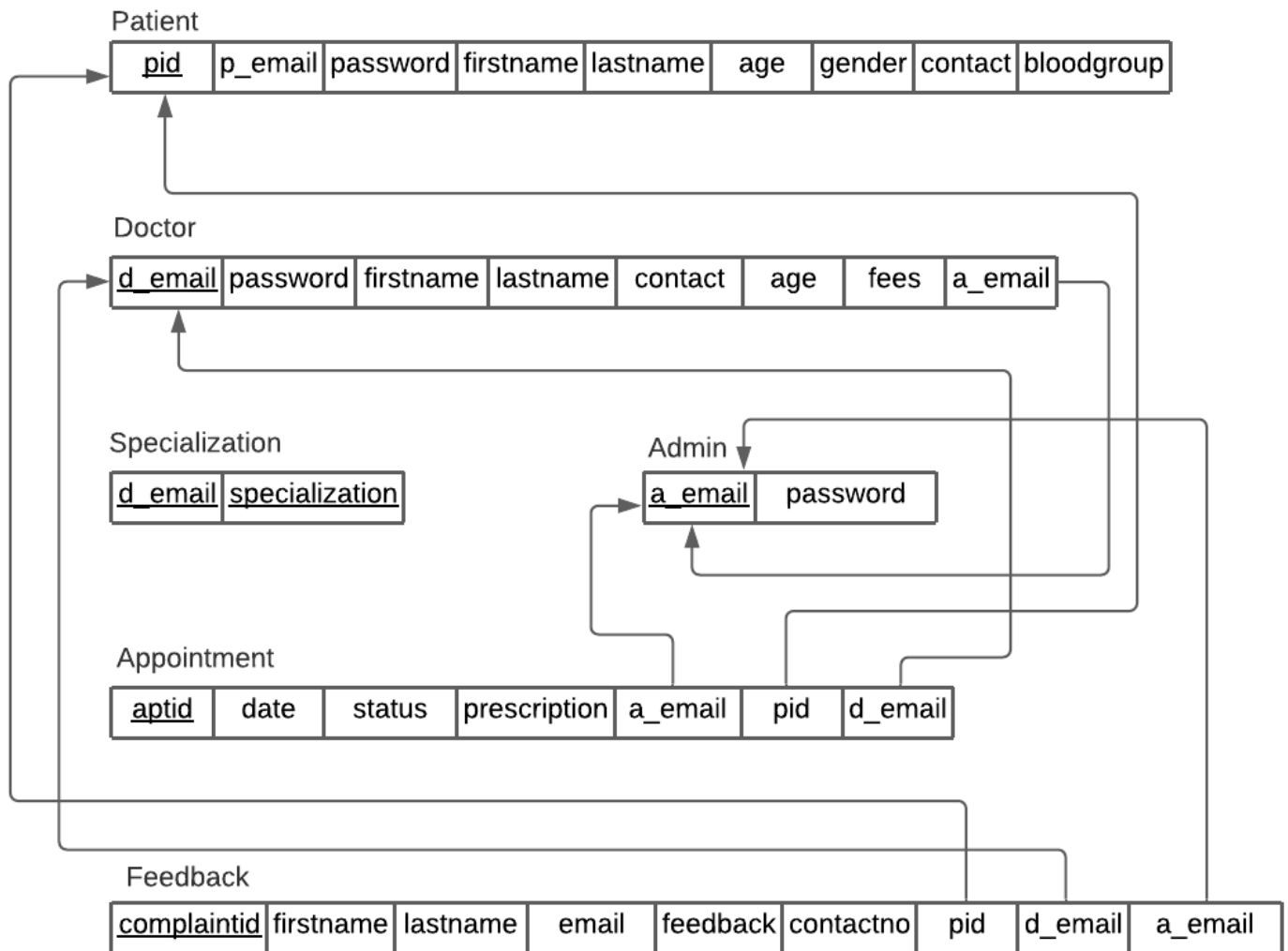# DBMS PROJECT PHASE-1

NAME	ID NUMBER
Vedansh Srivastava	2019A7PS0323H
Navam Shrivastav	2019A7PS0092H
Tejas Tripathi	2019A7PS0059H
Aryan Saraf	2019A7PS0138H

E.R. DIAGRAM

RELATIONAL SCHEMA

Patient

pid	p_email	password	firstname	lastname	age	gender	contact	bloodgroup

Doctor

d_email	password	firstname	lastname	contact	age	fees	a_email

Specialization

d_email	specialization

Admin

a_email	password

Appointment

aptid	date	status	prescription	a_email	pid	d_email

Feedback

complaintid	firstname	lastname	email	feedback	contactno	pid	d_email	a_email

INSERTING DUMMY VALUES

PATIENT

pid	p_email	password	firstname	lastname	age	gender	contact	bloodgroup
1201	p1@gmail.com	p1pass	Aryan	Saraf	19	Male	9876543210	B+
1202	p2@gmail.com	p2pass	Tejas	Tripathi	20	Male	9987654320	O-

DOCTOR

d_email	password	firstname	lastname	contact	age	fees	a_email(FK)
d1@gmail.com	d1pass	Navam	Shrivastav	9638527412	33	650	admin@gmail.com
d2@gmail.com	d2pass	Anandi	Bajpai	9638527410	35	450	admin@gmail.com

SPECIALIZATION

d_email	specialization
d1@gmail.com	cardiology
d1@gmail.com	oncology
d1@gmail.com	physician
d2@gmail.com	neurology
d2@gmail.com	physician

ADMIN

a_email	password
admin@gmail.com	admin123

APPOINTMENT

aptid	date	status	prescription	a_email (FK)	pid(FK)	d_email(FK)
4201	16-MAR-2021	Pending	NULL	admin@gmail.com	1202	d2@gmail.com
4202	19-MAR-2021	Cancelled-Doctor	NULL	admin@gmail.com	1201	d1@gmail.com

FEEDBACK

complaintid	firstname	lastname	email	feedback	contactno	pid(FK)	d_email(FK)	a_email(FK)
101001	Vedansh	Srivastava	vs@gmail.com	Services are good.	8081452256	NULL	NULL	admin@gmail.com
101002	Manas	Gupta	mg@gmail.com	Staff should focus on cleanliness.	8738953336	NULL	NULL	admin@gmail.com
101003	Tejas	Tripathi	p2@gmail.com	Doctor was very arrogant.	9987654320	1202	NULL	admin@gmail.com
101004	Anandi	Bajpai	d2@gmail.com	Cabin A/C not working.	9638527410	NULL	d2@gmail.com	admin@gmail.com

SQL QUERIES TO MAKE TABLES AND INSERT DATA

CREATING PATIENT TABLE:

```
create table patient (
pid int,
p_email varchar(50) UNIQUE NOT NULL,
password varchar(20) NOT NULL,
firstname varchar (20) NOT NULL,
lastname varchar (20),
age int NOT NULL ,
gender varchar(9) NOT NULL,
contact int NOT NULL,
bloodgroup varchar (2),
PRIMARY KEY (pid),
CHECK(p_email LIKE '%@%.com'),
CHECK(gender in ('Male', 'Female', 'Unknown')),
CHECK (age<=119)
);
```

INSERTING PATIENT DATA:

```
insert into patient
values(1201,'p1@gmail.com','p1pass','Aryan','Saraf',19,'Male',9876543210,'B+');
insert into patient
values(1202,'p2@gmail.com','p2pass','Tejas','Tripathi',20,'Male',9987654320,'O-');
```

CREATING ADMIN TABLE:

```
create table admin(
a_email varchar(50) PRIMARY KEY,
password varchar(20) NOT NULL
);
```

INSERTING ADMIN DATA:

```
insert into admin values ('admin@gmail.com','admin123');
```

CREATING DOCTOR TABLE:

```
create table doctor (
d_email varchar(50) PRIMARY KEY,
password varchar(20) NOT NULL,
firstname varchar (20) NOT NULL,
lastname varchar (20),
contact int NOT NULL,
age int NOT NULL,
fees int NOT NULL,
a_email varchar(50) NOT NULL,
CHECK(a_email LIKE '%@%.com'),
FOREIGN KEY (a_email) REFERENCES admin(a_email),
CHECK (fees BETWEEN 100 AND 1000)
);
```

INSERTING DOCTOR DATA:

```
 insert into doctor values ('d1@gmail.com', 'd1pass', 'Navam', 'Shrivastav',
9638527412,33,650,'admin@gmail.com');
insert into doctor
values('d2@gmail.com','d2pass','Anandi','Bajpai',9638527410,35,450,'admin@gmail.com');
```

CREATING SPECIALIZATION:

```
create table specialization (
d_email varchar(50),
specialization varchar (20),
PRIMARY KEY (d_email, specialization)
);
```

INSERTING SPECIALIZATION FIELDS:

```
insert into specialization values('d1@gmail.com','cardiology');
insert into specialization values('d1@gmail.com','oncology');
insert into specialization values('d1@gmail.com','physician');
insert into specialization values('d2@gmail.com','neurology');
insert into specialization values('d2@gmail.com','physician');
```

CREATING APPOINTMENT TABLE:

```
create table appointment (
  aptid int PRIMARY KEY,
 dated varchar(10) NOT NULL,
 status varchar (20) DEFAULT 'Active',
  prescription varchar(50) DEFAULT 'Not yet consulted',
  a_email varchar(50) NOT NULL, pid INT NOT NULL, d_email varchar(50) NOT NULL,
 FOREIGN KEY(a_email) REFERENCES admin(a_email),
 FOREIGN KEY(pid) REFERENCES patient(pid),
 FOREIGN KEY(d_email) REFERENCES doctor(d_email),
 CHECK (dated like '__-__-____') );
```

INSERTING APPOINTMENT TABLE DATA:

insert into appointment (aptid,dated,status,a_email,pid,d_email) values
(4201,'16-03-2021','Pending','admin@gmail.com',1202,'d2@gmail.com');
insert into appointment (aptid,dated,status,a_email,pid,d_email) values
(4202,'19-04-2021','Cancelled-Doctor','admin@gmail.com',1201,'d1@gmail.com');

FEEDBACK TABLE CREATION:

create table feedback (
complaintid int PRIMARY KEY,
firstname varchar (20) NOT NULL,
lastname varchar (20),
email varchar(50) NOT NULL,
feedback varchar(80) NOT NULL,
contactno int NOT NULL,
pid int, d_email varchar(50), a_email varchar (50) NOT NULL,
FOREIGN KEY (pid) REFERENCES patient(pid),
FOREIGN KEY (d_email) REFERENCES doctor(d_email),
FOREIGN KEY (a_email) REFERENCES admin(a_email)
sad);

INSERTING FEEDBACK DATA:

insert into feedback (complaintid,firstname,lastname,email,feedback,contactno,a_email) values
 (101001, 'Vedansh', 'Srivastava', 'vs@gmail.com', 'Services are good.', 8081452256,
'admin@gmail.com');
insert into feedback (complaintid,firstname,lastname,email,feedback,contactno,a_email) values
 (101002, 'Manas', 'Gupta', 'mg@gmail.com', 'Staff should focus on cleanliness.',8738953336,
'admin@gmail.com');
insert into feedback (complaintid,firstname,lastname,email,feedback,contactno,pid,a_email)
values
 (101003, 'Tejas', 'Tripathi', 'p2@gmail.com', 'Doctor was very arrogant.', 9987654320,
1202,'admin@gmail.com');
insert into feedback
(complaintid,firstname,lastname,email,feedback,contactno,d_email,a_email) values
 (101004, 'Anandi', 'Bajpai', 'd2@gmail.com', 'Cabin A/C not working.',
9638527410,'d2@gmail.com', 'admin@gmail.com'
);

*****