

Homework 3

Jiarong Ye

September 13, 2018

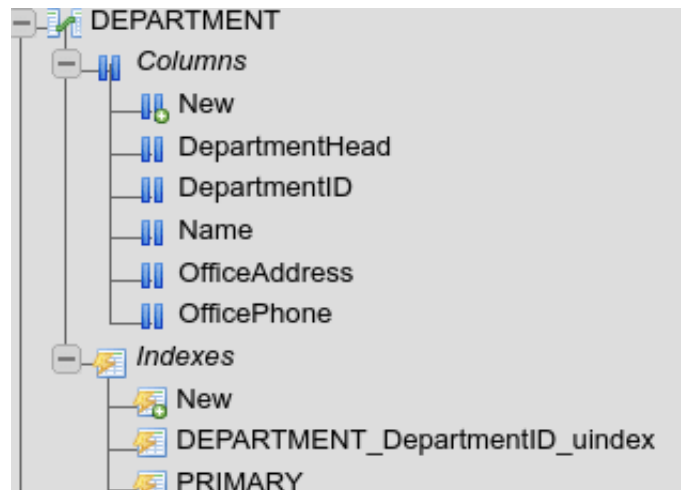
Tables

DEPARTMENT(DepartmentID, Name, OfficeAddress, DepartmentHead, OfficePhone)
EMPLOYEE(EmployeeID, Name, Phone, Email, Address, SSN, Certification)
AFFILIATION(EmployeeID, DepartmentID)
ROOM(RoomNumber, Floor, RoomType, Available, RoomPhone)
SHIFT(ShiftID, Date, StartTime, EndTime, *EmployeeID*, *RoomNumber*)
PATIENT(PatientID, Name, Phone, Email, Address, SSN, InsuranceNumber)
APPOINTMENT(AppointmentID, Date, StartTime, EndTime, Description, *EmployeeID*,
PatientID, *RoomNumber*)

Create Tables and Insert values with MySQL

DEPARTMENT

```
In [2]: CREATE TABLE DEPARTMENT
(
    DepartmentID    INT AUTO_INCREMENT
                  PRIMARY KEY,
    Name            VARCHAR(100) NOT NULL,
    OfficeAddress   VARCHAR(100) NULL,
    DepartmentHead  VARCHAR(100) NULL,
    OfficePhone     VARCHAR(100) NULL,
    UNIQUE (DepartmentID)
);
```



```
In [ ]: INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VALUES
        ('Neurology', 'Area A, Floor 1', 'Dr. Gregory House', '(814) 587-2335');

INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VALUES
        ('Cardiology', 'Area B, Floor 2', 'Dr. Lisa Cuddy', '(814) 587-2334');

INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VALUES
        ('Critical care', 'Area C, Floor 3', 'Dr. Eric Foreman', '(814) 587-2339');

INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VALUES
        ('Diagnostic imaging', 'Area D, Floor 4', 'Dr. Allison Cameron', '(814) 587-2336');

INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VALUES
        ('Oncology', 'Area E, Floor 5', 'Dr. James Wilson', '(814) 587-2331');
```

1 row inserted.
 Inserted row id: 1 (Query took 0.0479 seconds.)
 INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VAL-
 UES ('Neurology', 'Area A, Floor 1', 'Dr. Gregory House', '(814) 587-2335')
 1 row inserted.
 Inserted row id: 2 (Query took 0.3064 seconds.)
 INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VAL-
 UES ('Cardiology', 'Area B, Floor 2', 'Dr. Lisa Cuddy', '(814) 587-2334')
 1 row inserted.
 Inserted row id: 3 (Query took 0.0391 seconds.)
 INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VAL-
 UES ('Critical care', 'Area C, Floor 3', 'Dr. Eric Foreman', '(814) 587-2339')
 1 row inserted.
 Inserted row id: 4 (Query took 0.0460 seconds.)
 INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VAL-
 UES ('Diagnostic imaging', 'Area D, Floor 4', 'Dr. Allison Cameron', '(814) 587-2336')
 1 row inserted.

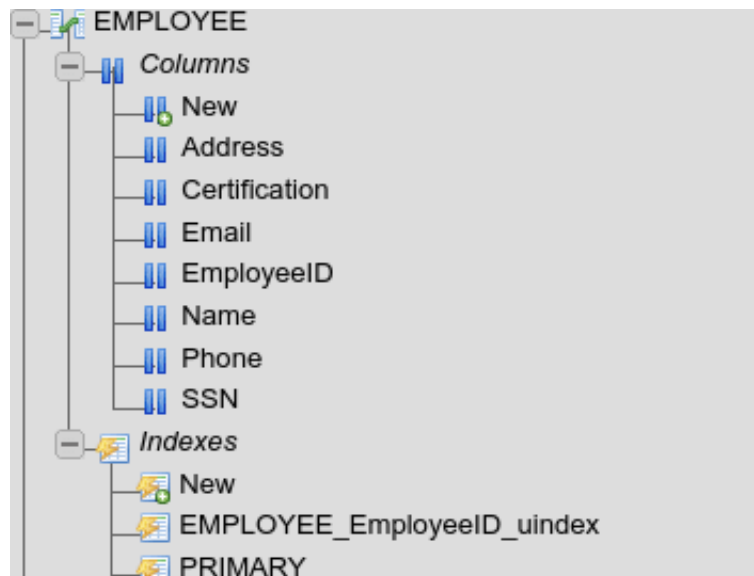
Inserted row id: 5 (Query took 0.0459 seconds.)

INSERT INTO DEPARTMENT (Name, OfficeAddress, DepartmentHead, OfficePhone) VALUES ('Oncology', 'Area E, Floor 5', 'Dr. James Wilson', '(814) 587-2331')

	DepartmentID	Name	OfficeAddress	DepartmentHead	OfficePhone
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	1	Neurology	Area A, Floor 1	Dr. Gregory House	(814) 587-2335
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	2	Cardiology	Area B, Floor 2	Dr. Lisa Cuddy	(814) 587-2334
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	3	Critical care	Area C, Floor 3	Dr. Eric Foreman	(814) 587-2339
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	4	Diagnostic imaging	Area D, Floor 4	Dr. Allison Cameron	(814) 587-2336
<input type="checkbox"/> Edit <input type="checkbox"/> Copy <input type="checkbox"/> Delete	5	Oncology	Area E, Floor 5	Dr. James Wilson	(814) 587-2331

EMPLOYEE

```
In [ ]: CREATE TABLE EMPLOYEE
(
    EmployeeID INT AUTO_INCREMENT
        PRIMARY KEY,
    Name        VARCHAR(100) NULL,
    Phone       VARCHAR(20)  NULL,
    Email       VARCHAR(30)  NULL,
    Address     VARCHAR(100) NULL,
    SSN         VARCHAR(20)  NULL,
    Certification VARCHAR(100) NULL,
    CONSTRAINT EMPLOYEE_EmployeeID_uindex
        UNIQUE (EmployeeID)
);
```



```

In [ ]: INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
        ('Sydney Heron', '(814) 563-7401', 'sh@gmail.com', '711-2880 Nulla St. Manka
        to PA', '670-20-1234', 'Certified Pediatric Nurse (CPN)');

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
        ('Reed Adamson', '(814) 563-7402', 'ra@gmail.com', '606-3727 Ullamcorper.
        Street Roseville PA', '670-20-4321', 'AIDS Certified Registered Nurse (ACRN)');

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
        ('Megan Mostow', '(814) 563-7403', 'mm@gmail.com', 'Ap #867-859 Sit Rd. Azusa
        New York', '670-20-6789', 'Family Nurse Practitioner');

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
        ('Sadie Harris', '(814) 563-7404', 'sah@gmail.com', '7292 Dictum Av. San Antonio
        MI', '770-20-4356', 'Certified Registered Nurse Anesthetist (CRNA)');

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
        ('Heather Brooks', '(814) 563-7404', 'hb@gmail.com', 'Ap #651-8679 Sodales Av.
        Tamuning PA', '770-20-4509', 'Advanced Oncology Certified Nurse (AOCN)');

```

1 row inserted.

Inserted row id: 1 (Query took 0.0845 seconds.)

```

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES ('Syd-
ney Heron', '(814) 563-7401', 'sh@gmail.com', '711-2880 Nulla St. Mankato PA', '670-20-1234', 'Cer-
tified Pediatric Nurse (CPN)')

```

1 row inserted.

Inserted row id: 2 (Query took 0.0371 seconds.)

```

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES ('Reed
Adamson', '(814) 563-7402', 'ra@gmail.com', '606-3727 Ullamcorper. Street Roseville PA', '670-20-
4321', 'AIDS Certified Registered Nurse (ACRN)')

```

1 row inserted.

Inserted row id: 3 (Query took 0.0376 seconds.)

```

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
('Megan Mostow', '(814) 563-7403', 'mm@gmail.com', 'Ap #867-859 Sit Rd. Azusa New York',
'670-20-6789', 'Family Nurse Practitioner')

```

1 row inserted.

Inserted row id: 4 (Query took 0.0379 seconds.)

```

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
('Sadie Harris', '(814) 563-7404', 'sah@gmail.com', '7292 Dictum Av. San Antonio MI', '770-20-
4356', 'Certified Registered Nurse Anesthetist (CRNA)')

```

1 row inserted.

Inserted row id: 5 (Query took 0.0395 seconds.)

```

INSERT INTO EMPLOYEE (Name, Phone, Email, Address, SSN, Certification) VALUES
('Heather Brooks', '(814) 563-7404', 'hb@gmail.com', 'Ap #651-8679 Sodales Av. Tamuning PA',
'770-20-4509', 'Advanced Oncology Certified Nurse (AOCN)')

```

Options	EmployeeID	Name	Phone	Email	Address	SSN	Certification
	1	Sydney Heron	(814) 563-7401	sh@gmail.com	711-2880 Nulla St. Markato PA	670-20-1234	Certified Pediatric Nurse (CPN)
	2	Reed Adamson	(814) 563-7402	ra@gmail.com	606-3727 Ullamcorper. Street Roseville PA	670-20-4321	AIDS Certified Registered Nurse (ACRN)
	3	Megan Mostow	(814) 563-7403	mm@gmail.com	Ap #867-859 Sit Rd. Azusa New York	670-20-6789	Family Nurse Practitioner
	4	Sadie Harris	(814) 563-7404	sah@gmail.com	7292 Dictum Av. San Antonio MI	770-20-4356	Certified Registered Nurse Anesthetist (CRNA)
	5	Heather Brooks	(814) 563-7404	hb@gmail.com	Ap #651-8679 Sodales Av. Tamuning PA	770-20-4509	Advanced Oncology Certified Nurse (AOCN)

AFFILIATION

In []: CREATE TABLE AFFILIATION

```
(
    EmployeeID INT NOT NULL,
    DepartmentID INT NOT NULL,
    CONSTRAINT AFFILIATION_EmployeeID_uindex
    UNIQUE (EmployeeID),
    CONSTRAINT AFFILIATION_DepartmentID_uindex
    UNIQUE (DepartmentID),
    CONSTRAINT AFFILIATION_EMPLOYEE_EmployeeID_fk
    FOREIGN KEY (EmployeeID) REFERENCES EMPLOYEE (EmployeeID)
    ON UPDATE CASCADE
    ON DELETE CASCADE,
    CONSTRAINT AFFILIATION_DEPARTMENT_DepartmentID_fk
    FOREIGN KEY (DepartmentID) REFERENCES DEPARTMENT (DepartmentID)
    ON UPDATE CASCADE
    ON DELETE CASCADE
);
```












```
In [ ]: INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (1, 3);
INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (2, 4);
INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (3, 2);
INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (4, 1);
INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (5, 5);
```

1 row inserted. (Query took 0.1137 seconds.)

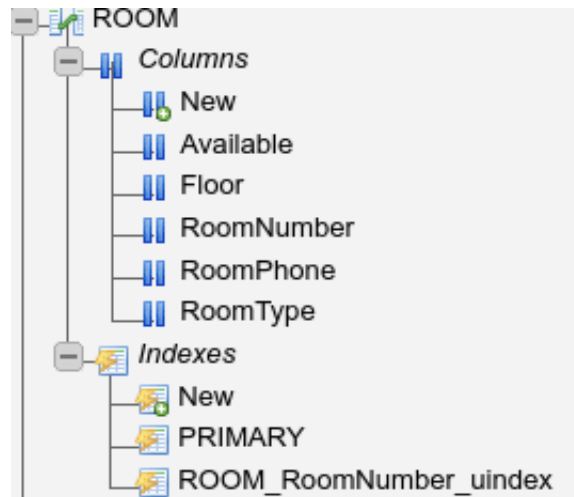
```
INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (1, 3)
```

1 row inserted. (Query took 0.0420 seconds.)
 INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (2, 4)
 1 row inserted. (Query took 0.1310 seconds.)
 INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (3, 2)
 1 row inserted. (Query took 0.0391 seconds.)
 INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (4, 1)
 1 row inserted. (Query took 0.0403 seconds.)
 INSERT INTO AFFILIATION (EmployeeID, DepartmentID) VALUES (5, 5)

+ Options					
				EmployeeID	DepartmentID
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	2
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	3
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	4
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	5

ROOM

```
In [ ]: CREATE TABLE ROOM
(
  RoomNumber INT AUTO_INCREMENT
    PRIMARY KEY,
  Floor      INT          NULL,
  RoomType   VARCHAR(30) NULL,
  Available  TINYINT(1)  NULL,
  RoomPhone  VARCHAR(20) NULL,
  CONSTRAINT ROOM_RoomNumber_uindex
    UNIQUE (RoomNumber)
);
```



```
In [ ]: INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES
        (4, 'Surgery', 1, '(814) 873-7090');
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES
        (2, 'Consulting', 1, '(814) 873-7091');
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES
        (1, 'Dispensary', 1, '(814) 873-7092');
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES
        (1, 'ER', 1, '(814) 873-7093');
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES
        (5, 'ICU', 1, '(814) 873-7094');
```

1 row inserted.

Inserted row id: 1 (Query took 0.0929 seconds.)

```
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES (4, 'Surgery', 1,
'(814) 873-7090')
```

1 row inserted.

Inserted row id: 2 (Query took 0.0539 seconds.)

```
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES (2, 'Consulting', 1,
'(814) 873-7091')
```

1 row inserted.

Inserted row id: 3 (Query took 0.0470 seconds.)

```
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES (1, 'Dispensary', 1,
'(814) 873-7092')
```

1 row inserted.

Inserted row id: 4 (Query took 0.0896 seconds.)

```
INSERT INTO ROOM (Floor, RoomType, Available, RoomPhone) VALUES (1, 'ER', 1, '(814)
873-7093')
```

```
1 row inserted. Inserted row id: 5 (Query took 0.0863 seconds.) INSERT INTO ROOM (Floor,
RoomType, Available, RoomPhone) VALUES (5, 'ICU', 1, '(814) 873-7094')
```

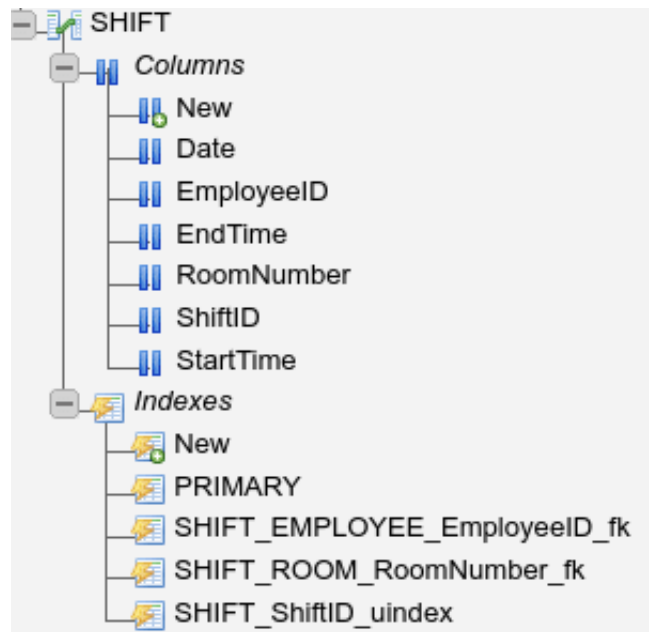
+ Options

		RoomNumber	Floor	RoomType	Available	RoomPhone
<input type="checkbox"/>	Edit Copy Delete	1	4	Surgery	1	(814) 873-7090
<input type="checkbox"/>	Edit Copy Delete	2	2	Consulting	1	(814) 873-7091
<input type="checkbox"/>	Edit Copy Delete	3	1	Dispensary	1	(814) 873-7092
<input type="checkbox"/>	Edit Copy Delete	4	1	ER	1	(814) 873-7093
<input type="checkbox"/>	Edit Copy Delete	5	5	ICU	1	(814) 873-7094

SHIFT

In []: CREATE TABLE SHIFT

```
(
  ShiftID      INT AUTO_INCREMENT
    PRIMARY KEY,
  Date         DATE NULL,
  StartTime    TIME NULL,
  EndTime      TIME NULL,
  EmployeeID   INT NOT NULL,
  RoomNumber   INT NOT NULL,
  CONSTRAINT SHIFT_ShiftID_uindex
    UNIQUE (ShiftID),
  CONSTRAINT SHIFT_EMPLOYEE_EmployeeID_fk
    FOREIGN KEY (EmployeeID) REFERENCES EMPLOYEE (EmployeeID)
      ON UPDATE CASCADE
      ON DELETE CASCADE,
  CONSTRAINT SHIFT_ROOM_RoomNumber_fk
    FOREIGN KEY (RoomNumber) REFERENCES ROOM (RoomNumber)
      ON UPDATE CASCADE
      ON DELETE CASCADE
);
CREATE INDEX SHIFT_EMPLOYEE_EmployeeID_fk
  ON SHIFT (EmployeeID);
CREATE INDEX SHIFT_ROOM_RoomNumber_fk
  ON SHIFT (RoomNumber);
```

```
In [ ]: INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
        ('2018-09-10', '09:00:00', '18:00:00', 1, 3);
```

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
        ('2018-09-10', '09:00:00', '15:00:00', 2, 1);
```

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
        ('2018-09-10', '16:00:00', '19:00:00', 2, 5);
```

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
        ('2018-09-11', '10:00:00', '17:00:00', 3, 4);
```

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
        ('2018-09-12', '09:45:00', '18:30:00', 5, 2);
```

1 row inserted.

Inserted row id: 1 (Query took 0.0384 seconds.)

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
('2018-09-10', '09:00:00', '18:00:00', 1, 3)
```

1 row inserted.

Inserted row id: 2 (Query took 0.0439 seconds.)

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
('2018-09-10', '09:00:00', '15:00:00', 2, 1)
```

1 row inserted.

Inserted row id: 3 (Query took 0.2483 seconds.)

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES
('2018-09-10', '16:00:00', '19:00:00', 2, 5)
```
















1 row inserted.

Inserted row id: 4 (Query took 0.0460 seconds.)

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES ('2018-09-11', '10:00:00', '17:00:00', 3, 4)
```

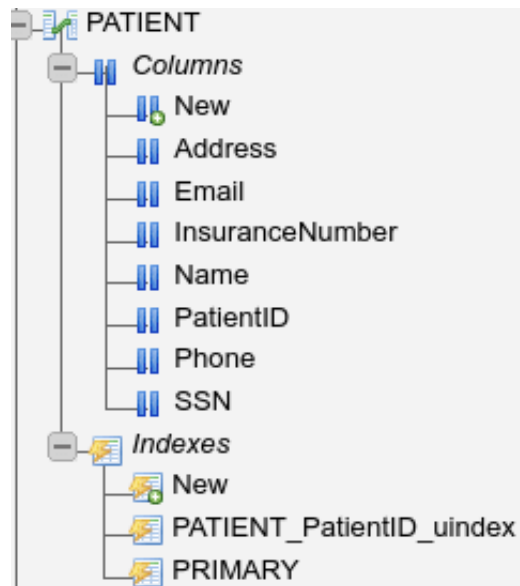
1 row inserted. Inserted row id: 5 (Query took 0.0385 seconds.)

```
INSERT INTO SHIFT (Date, StartTime, EndTime, EmployeeID, RoomNumber) VALUES ('2018-09-12', '09:45:00', '18:30:00', 5, 2)
```

+ Options									
← T →			ShiftID	Date	StartTime	EndTime	EmployeeID	RoomNumber	
<input type="checkbox"/>	 Edit	 Copy	 Delete	1	2018-09-10	09:00:00	18:00:00	1	3
<input type="checkbox"/>	 Edit	 Copy	 Delete	2	2018-09-10	09:00:00	15:00:00	2	1
<input type="checkbox"/>	 Edit	 Copy	 Delete	3	2018-09-10	16:00:00	19:00:00	2	5
<input type="checkbox"/>	 Edit	 Copy	 Delete	4	2018-09-11	10:00:00	17:00:00	3	4
<input type="checkbox"/>	 Edit	 Copy	 Delete	5	2018-09-12	09:45:00	18:30:00	5	2

PATIENT

```
In [ ]: CREATE TABLE PATIENT
(
    PatientID          INT AUTO_INCREMENT
    PRIMARY KEY,
    Name                VARCHAR(100) NULL,
    Phone               VARCHAR(20)  NULL,
    Email               VARCHAR(30)  NULL,
    Address              VARCHAR(100) NULL,
    SSN                 VARCHAR(20)  NULL,
    InsuranceNumber     VARCHAR(20)  NULL,
    CONSTRAINT PATIENT_PatientID_uindex
    UNIQUE (PatientID)
);
```



```
In [ ]: INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
        ('Lawrence Moreno', '(684) 579-1879', 'lm@gmail.com', '935-9940 Tortor. Street
        Santa Rosa MN', '033-62-1234', 'ZW 27 84 44 D');
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
        ('Aaron Hawkins', '(660) 663-4518', 'im@gmail.com', '5587 Nunc. Avenue Erie
        Rhode Island', '574-28-4856', 'OA 45 22 60 C');
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
        ('Melvin Porter', '(959) 119-8364', 'mp@gmail.com', 'P.O. Box 132 1599 Curabitur
        Rd. Bandera South Dakota', '394-13-4509', 'NC 18 31 22 C');
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
        ('Joan Romero', '(248) 675-4007', 'jr@gmail.com', '666-4366 Lacinia Avenue Idaho
        Falls Ohio', '650-42-0943', 'XM 95 88 11 C');
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
        ('Davis Patrick', '(939) 353-1107', 'dp@gmail.com', 'P.O. Box 147 2546 Sociosqu Rd.
        Bethlehem Utah', '158-74-8367', 'CX 50 09 44 B');
```

1 row inserted.

Inserted row id: 1 (Query took 0.0370 seconds.)

```
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
('Lawrence Moreno', '(684) 579-1879', 'lm@gmail.com', '935-9940 Tortor. Street Santa Rosa MN',
'033-62-1234', 'ZW 27 84 44 D')
```

1 row inserted.

Inserted row id: 2 (Query took 0.0366 seconds.)

```
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
('Aaron Hawkins', '(660) 663-4518', 'im@gmail.com', '5587 Nunc. Avenue Erie Rhode Island',
'574-28-4856', 'OA 45 22 60 C')
```

1 row inserted.

Inserted row id: 3 (Query took 0.0717 seconds.)

```
INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES
```

('Melvin Porter', '(959) 119-8364', 'mp@gmail.com', 'P.O. Box 132 1599 Curabitur Rd. Bandera South Dakota', '394-13-4509', 'NC 18 31 22 C')

1 row inserted.

Inserted row id: 4 (Query took 0.0370 seconds.)

INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES ('Joan Romero', '(248) 675-4007', 'jr@gmail.com', '666-4366 Lacinia Avenue Idaho Falls Ohio', '650-42-0943', 'XM 95 88 11 C')

1 row inserted.

Inserted row id: 5 (Query took 0.0511 seconds.)

INSERT INTO PATIENT (Name, Phone, Email, Address, SSN, InsuranceNumber) VALUES ('Davis Patrick', '(939) 353-1107', 'dp@gmail.com', 'P.O. Box 147 2546 Sociosqu Rd. Bethlehem Utah', '158-74-8367', 'CX 50 09 44 B')

+ Options		PatientID	Name	Phone	Email	Address	SSN	InsuranceNumber
<input type="checkbox"/>	Edit Copy Delete	1	Lawrence Moreno	(684) 579-1879	lm@gmail.com	935-9940 Tortor. Street Santa Rosa MN	033-62-1234	ZW 27 84 44 D
<input type="checkbox"/>	Edit Copy Delete	2	Aaron Hawkins	(660) 663-4518	lm@gmail.com	5587 Nunc. Avenue Erie Rhode Island	574-28-4856	OA 45 22 60 C
<input type="checkbox"/>	Edit Copy Delete	3	Melvin Porter	(959) 119-8364	mp@gmail.com	P.O. Box 132 1599 Curabitur Rd. Bandera South Dako...	394-13-4509	NC 18 31 22 C
<input type="checkbox"/>	Edit Copy Delete	4	Joan Romero	(248) 675-4007	jr@gmail.com	666-4366 Lacinia Avenue Idaho Falls Ohio	650-42-0943	XM 95 88 11 C
<input type="checkbox"/>	Edit Copy Delete	5	Davis Patrick	(939) 353-1107	dp@gmail.com	P.O. Box 147 2546 Sociosqu Rd. Bethlehem Utah	158-74-8367	CX 50 09 44 B

APPOINTMENT

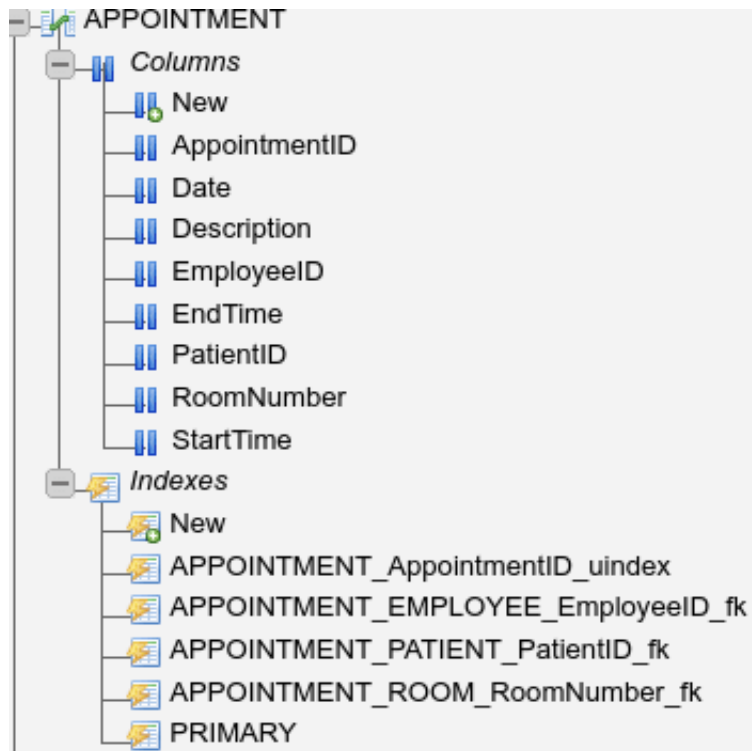
In []: CREATE TABLE APPOINTMENT

```
(
    AppointmentID INT AUTO_INCREMENT
        PRIMARY KEY,
    Date           DATE NULL,
    StartTime      TIME NULL,
    EndTime        TIME NULL,
    Description    TEXT NULL,
    EmployeeID     INT NOT NULL,
    PatientID      INT NOT NULL,
    RoomNumber     INT NOT NULL,
    CONSTRAINT APPOINTMENT_AppointmentID_uindex
        UNIQUE (AppointmentID),
    CONSTRAINT APPOINTMENT_EMPLOYEE_EmployeeID_fk
        FOREIGN KEY (EmployeeID) REFERENCES EMPLOYEE (EmployeeID)
            ON UPDATE CASCADE
            ON DELETE CASCADE,
    CONSTRAINT APPOINTMENT_PATIENT_PatientID_fk
        FOREIGN KEY (PatientID) REFERENCES PATIENT (PatientID)
            ON UPDATE CASCADE
            ON DELETE CASCADE,
    CONSTRAINT APPOINTMENT_ROOM_RoomNumber_fk
        FOREIGN KEY (RoomNumber) REFERENCES ROOM (RoomNumber)
            ON UPDATE CASCADE
            ON DELETE CASCADE
);
```

```

CREATE INDEX APPOINTMENT_EMPLOYEE_EmployeeID_fk
  ON APPOINTMENT (EmployeeID);
CREATE INDEX APPOINTMENT_PATIENT_PatientID_fk
  ON APPOINTMENT (PatientID);
CREATE INDEX APPOINTMENT_ROOM_RoomNumber_fk
  ON APPOINTMENT (RoomNumber);

```



```

In [ ]: INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID,
      PatientID, RoomNumber) VALUES
      ('2018-9-10', '14:00:00', '15:00:00', 'Constitutional - NAD, has been
      generally feeling well the last couple of weeks;
      Eyes - no changes in vision, double vision, blurry vision, wears glasses;
      ENT - No congestion, changes in hearing, does not wear hearing aids;
      Skin/Breast - no rashes;
      Cardiovascular - No SOB, chest pain, heart palpitations', 3, 4, 2);

INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID,
      PatientID, RoomNumber) VALUES
      ('2018-9-10', '10:00:00', '12:00:00', 'Cardiovascular: dyspnea on exertion;
      denies chest pains, palpitations, syncope, orthopnea, PND, edema;
      Respiratory: denies cough and wheezing;
      Gastrointestinal: denies jaundice;
      Genitourinary: denies incontinence, dysuria, hematuria, urinary frequency',
      1, 3, 2);

```

```
INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID,
                          PatientID, RoomNumber) VALUES
('2018-9-11', '16:00:00', '17:30:00', 'Constitutional: Intermittent
chills with decreased appetite. No fevers, night sweats or weight loss;
Eyes: No vision changes;
ENT: No URI symptoms, mouth ulcers or dysphagia;
Skin: Jaundice and scaly silver nonpruritic rash on right flexor
surface of elbow', 2, 5, 3);
```

```
INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID,
                          PatientID, RoomNumber) VALUES
('2018-9-11', '09:30:00', '14:15:00', 'Constitutional: denies anorexia
and weight loss;
HEENT: denies decreased hearing blurring, diplopia, irritation,
discharge, vision loss, eye pain,
photophobia, ear pain or discharge, tinnitus, nasal obstruction
or discharge, nosebleeds, sore
throat, hoarseness, dysphagia', 4, 2, 1);
```

```
INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID,
                          PatientID, RoomNumber) VALUES
('2018-9-12', '14:45:00', '15:30:00', 'Cardiovascular - denies chest
pain; denies palpitations;
Pulmonary - denies shortness of breath, denies cough;
Gastrointestinal - As indicated in the HPI, complains of sharp,
epigastric abdominal pain;
endorses constipation, denies diarrhea; endorses bloody stools;
Genitourinary - denies dysuria; denies increased frequency or
urgency of urination;
Neurologic - denies numbness and tingling; denies paresthesias;
Musculoskeletal - endorses abdominal pain occasionally after
throwing the football;
denies any muscle or joint pain', 5, 1, 2);
```

1 row inserted.

Inserted row id: 1 (Query took 0.0384 seconds.)

```
INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID, PatientID, RoomNumber) VALUES ('2018-9-10', '14:00:00', '15:00:00', 'Constitutional - NAD, has been generally feeling well the last couple of weeks; Eyes - no changes in vision, double vision, blurry vision, wears glasses; ENT - No congestion, changes in hearing, does not wear hearing aids; Skin/Breast - no rashes; Cardiovascular - No SOB, chest pain, heart palpitations', 3, 4, 2)
```

1 row inserted.

Inserted row id: 2 (Query took 0.0339 seconds.)

```
INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID, PatientID, RoomNumber) VALUES ('2018-9-10', '10:00:00', '12:00:00', 'Cardiovascular: dyspnea on exertion; denies chest pains, palpitations, syncope, orthopnea, PND, edema; Respiratory: denies
```

cough and wheezing; Gastrointestinal: denies jaundice; Genitourinary: denies incontinence, dysuria, hematuria, urinary frequency', 1, 3, 2)

1 row inserted.

Inserted row id: 3 (Query took 0.1315 seconds.)

INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID, PatientID, RoomNumber) VALUES ('2018-9-11', '16:00:00', '17:30:00', 'Constitutional: Intermittent chills with decreased appetite. No fevers, night sweats or weight loss; Eyes: No vision changes; ENT: No URI symptoms, mouth ulcers or dysphagia; Skin: Jaundice and scaly silver nonpruritic rash on right flexor surface of elbow', 2, 5, 3)

1 row inserted.

Inserted row id: 4 (Query took 0.0371 seconds.)

INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID, PatientID, RoomNumber) VALUES ('2018-9-11', '09:30:00', '14:15:00', 'Constitutional: denies anorexia and weight loss; HEENT: denies decreased hearing blurring, diplopia, irritation, discharge, vision loss, eye pain, photophobia, ear pain or discharge, tinnitus, nasal obstruction or discharge, nosebleeds, sore throat, hoarseness, dysphagia', 4, 2, 1)

1 row inserted.

Inserted row id: 5 (Query took 0.0458 seconds.)

INSERT INTO APPOINTMENT (Date, StartTime, EndTime, Description, EmployeeID, PatientID, RoomNumber) VALUES ('2018-9-12', '14:45:00', '15:30:00', 'Cardiovascular – denies chest pain; denies palpitations; Pulmonary – denies shortness of breath, denies cough; Gastrointestinal – As indicated in the HPI, complains of sharp, epigastric abdominal pain; endorses constipation, denies diarrhea; endorses bloody stools; Genitourinary – denies dysuria; denies increased frequency or urgency of urination; Neurologic – denies numbness and tingling; denies paresthesias; Muskuloskeletal – endorses abdominal pain occasionally after throwing the football; denies any muscle or joint pain', 5, 1, 2)

Options											
				AppointmentID	Date	StartTime	EndTime	Description	EmployeeID	PatientID	RoomNumber
<input type="checkbox"/>				1	2018-09-10	14:00:00	15:00:00	Constitutional - NAD, has been generally feeling w...	3	4	2
<input type="checkbox"/>				2	2018-09-10	10:00:00	12:00:00	Cardiovascular: dyspnea on exertion; denies chest ...	1	3	2
<input type="checkbox"/>				3	2018-09-11	16:00:00	17:30:00	Constitutional: Intermittent chills with decreased...	2	5	3
<input type="checkbox"/>				4	2018-09-11	09:30:00	14:15:00	Constitutional: denies anorexia and weight loss; ...	4	2	1
<input type="checkbox"/>				5	2018-09-12	14:45:00	15:30:00	Cardiovascular – denies chest pain; denies palpita...	5	1	2