```sql
1   create table Rooms(
2       roomnumber varchar(8) not null primary key,
3       numberofbeds int not null
4       );
5   create table Attendees
6       (fname varchar(32) not null,
7        lname varchar(32) not null,
8        primary key (fname, lname)
9        );
10
11  create table Student(
12      fname varchar(32) not null,
13      lname varchar(32) not null,
14      email varchar(128),
15      roomnumber varchar(8),
16      primary key (fname, lname),
17      foreign key (fname, lname) references Attendees(fname, lname) on delete cascade,
18      foreign key (roomnumber) references Rooms(roomnumber) on delete set null
19
20  );
21
22  create table Professional(
23      fname varchar(32) not null,
24      lname varchar(32) not null,
25      email varchar(128),
26      primary key (fname, lname),
27      foreign key (fname, lname) references Attendees(fname, lname) on delete cascade
28  );
29
30
31
32
33  create table Sponsor_status
34      (metal varchar(32) not null primary key,
35       amount int,
36       email_cap int
37       );
38
39
40  create table Company
41      (name varchar(32) not null primary key,
42       emails_sent int not null,
43       sponsor_level  varchar(32) not null,
44       foreign key (sponsor_level) references Sponsor_status (metal)
45       );
46
47  create table Sponsor(
48      fname varchar(32) not null,
49      lname varchar(32) not null,
50      representing varchar(32) not null,
51      email varchar(128),
52      primary key (fname, lname),
53      foreign key (fname, lname) references Attendees(fname, lname) on delete cascade,
54      foreign key (representing) references Company(name) on delete cascade
55  );
56
57  create table Ad
58      (job_title varchar(32) not null,
59       city varchar(32),
60       province varchar(32),
61       salary int,
62       company varchar(32) not null,
63       primary key (job_title, company),
64       foreign key (company) references Company (name) on delete cascade
65       );
66
67  create table Committee_member
68      (fname varchar(32) not null,
69       lname varchar(32) not null,
```

```sql
70          primary key (fname, lname)
71          );
72  /*chair_f is first name of chair_f, chair_l is last name of chair*/
73  create table Committee
74      (name varchar(64) not null primary key,
75       chair_f varchar(32) not null,
76       chair_l varchar(32) not null,
77       foreign key (chair_f, chair_l) REFERENCES Committee_member(fname, lname)
78
79
80       );
81
82  create table Is_on
83      (fname varchar(32) not null,
84       lname varchar(32) not null,
85       committee_name varchar(64) not null,
86       primary key (fname, lname, committee_name),
87       foreign key (fname,lname) references Committee_member(fname,lname) on delete
             cascade,
88       foreign key (committee_name) references Committee(name) on delete cascade
89
90       );
91
92  create table Session
93      (starttime time not null,
94       endtime time,
95       session_day date not null,
96       room varchar(32) not null,
97       name varchar(64) not null,
98       primary key(starttime, session_day, room, name)
99       );
100
101 create table Is_speaking
102     (starttime time not null,
103      room varchar(32) not null,
104      name varchar(64) not null,
105      session_day date not null,
106      fname varchar(32) not null,
107      lname varchar(32) not null,
108      primary key(starttime, session_day, room, name, fname, lname),
109      foreign key (starttime, room, name) references Session(starttime, room, name) on
             delete cascade,
110      foreign key (fname, lname) references Attendees(fname, lname) on delete cascade
111      );
112
113 insert into Rooms values('001', 2);
114 insert into Rooms values('011', 3);
115 insert into Rooms values('123', 4);
116 insert into Rooms values('124', 4);
117 insert into Rooms values('203', 2);
118 insert into Rooms values('433', 3);
119
120
121
122
123 /* commitee members */
124 insert into Committee_member values ('Joshua', 'Charkow');
125 insert into Committee_member values ('Michael', 'Olson');
126 insert into Committee_member values ('Matthew', 'Kruzich');
127 insert into Committee_member values ('Spongebob', 'Squarepants');
128 insert into Committee_member values ('Patrick', 'Star');
129 insert into Committee_member values ('Squidward', 'Tentacles');
130 insert into Committee_member values ('Sandy', 'Cheeks');
131 insert into Committee_member values ('Pearl', 'Krabs');
132 insert into Committee_member values ('Ted', 'Mosby');
133 insert into Committee_member values ('Robin','Scherbatsky');
134 insert into Committee_member values ('Barney', 'Stinson');
135 insert into Committee_member values ('Marshall','Eriksen');
136 insert into Committee_member values ('Rachel', 'Green');
```

```sql
137    insert into Committee_member values ('Monica', 'Geller');
138    insert into Committee_member values ('Phoebe','Buffay');
139    insert into Committee_member values ('Joey','Tribbiani');
140    insert into Committee_member values ('Chandler','Bing');
141    insert into Committee_member values ('Ross', 'Geller');
142
143    /* Committees */
144    insert into Committee values ('Food Committee', 'Joshua', 'Charkow');
145    insert into Committee values ('Programming Committee', 'Michael', 'Olson');
146    insert into Committee values ('Promotion Committee', 'Matthew', 'Kruzich');
147    insert into Committee values ('Finance Committee', 'Ted', 'Mosby');
148    insert into Committee values ('Safety Committee', 'Monica', 'Geller');
149    insert into Committee values ('Sponsorship Committee', 'Spongebob', 'Squarepants');
150
151
152    /* is on */
153    insert into Is_on values ('Joshua', 'Charkow', 'Food Committee');
154    insert into Is_on values ('Robin','Scherbatsky','Food Committee');
155    insert into Is_on values ('Matthew', 'Kruzich', 'Food Committee');
156    insert into Is_on values ('Squidward', 'Tentacles', 'Food Committee');
157    insert into Is_on values ('Pearl', 'Krabs', 'Food Committee');
158
159
160    insert into Is_on values ('Michael', 'Olson', 'Programming Committee');
161    insert into Is_on values ('Matthew', 'Kruzich', 'Programming Committee');
162    insert into Is_on values ('Joshua', 'Charkow', 'Programming Committee');
163    insert into Is_on values ('Phoebe','Buffay','Programming Committee');
164
165    insert into Is_on values ('Matthew', 'Kruzich', 'Promotion Committee');
166    insert into Is_on values ('Ross', 'Geller','Promotion Committee');
167    insert into Is_on values ('Squidward', 'Tentacles', 'Promotion Committee');
168    insert into Is_on values ('Marshall','Eriksen','Promotion Committee');
169
170
171
172    insert into Is_on values ('Ted', 'Mosby', 'Finance Committee');
173    insert into Is_on values ('Robin','Scherbatsky','Finance Committee');
174    insert into Is_on values ('Barney', 'Stinson','Finance Committee');
175    insert into Is_on values ('Marshall','Eriksen','Finance Committee');
176
177
178    insert into Is_on values ('Monica', 'Geller', 'Safety Committee');
179    insert into Is_on values ('Phoebe','Buffay','Safety Committee');
180    insert into Is_on values ('Joey','Tribbiani','Safety Committee');
181    insert into Is_on values ('Chandler','Bing','Safety Committee');
182    insert into Is_on values ('Ross', 'Geller','Safety Committee');
183
184
185    insert into Is_on values ('Spongebob', 'Squarepants', 'Sponsorship Committee');
186    insert into Is_on values ('Patrick', 'Star','Sponsorship Committee');
187    insert into Is_on values ('Squidward', 'Tentacles', 'Sponsorship Committee');
188    insert into Is_on values ('Sandy', 'Cheeks', 'Sponsorship Committee');
189    insert into Is_on values ('Pearl', 'Krabs', 'Sponsorship Committee');
190
191    insert into Session values (TIME('12:00:00'), TIME('13:00:00'), DATE('2019-02-14'),
       '101', 'Intro to running a pyramid scheme');
192    insert into Session values (TIME('14:00:00'), TIME('15:00:00'), DATE('2019-02-14'),
       '101', 'How to be your own boss');
193    insert into Session values (TIME('9:00:00'), TIME('10:00:00'), DATE('2019-02-14'),
       '103', 'Quirks of the Dewy Decimal System');
194    insert into Session values (TIME('21:00:00'), TIME('23:00:00'), DATE('2019-02-15'),
       '503', 'Famous Queen\'s Grads');
195    insert into Session values (TIME('10:00:00'), TIME('11:00:00'), DATE('2019-02-15'),
       '101', 'Why Mace Windu May Have Been a Sith Lord');
196    insert into Session values (TIME('17:00:00'), TIME('20:00:00'), DATE('2019-02-14'),
       'E14', 'What Are Ferarri Owners Compensating For?');
197
198
199    /* status values */
```

```sql
200    insert into Sponsor_status values('Platinum', 10000, 5);
201    insert into Sponsor_status values('Gold', 5000, 4);
202    insert into Sponsor_status values('Silver', 3000, 3);
203    insert into Sponsor_status values('Bronze', 1000, 0);
204
205
206    /* companies */
207    insert into Company values('Google', 4, 'Platinum');
208    insert into Company values('Facebook', 2, 'Gold');
209    insert into Company values('Microsoft', 3, 'Silver');
210    insert into Company values('Apple', 0, 'Bronze');
211
212
213
214    /* job ads */
215    insert into Ad values('Butcher', 'Kamloops', 'BC', 50000, 'Google');
216    insert into Ad values('Baker', 'Barrie', 'ON', 60000, 'Facebook');
217    insert into Ad values('Candlestick Maker', 'Saguenay', 'QC', 70000, 'Microsoft');
218    insert into Ad values('Junior Dev', 'Cavendish', 'PEI', 80000, 'Apple');
219    insert into Ad values('Butcher','Kamloops','BC', 50000, 'Apple');
220
221    /*Attendees*/
222    insert into Attendees values ('Liam','Smith');
223    insert into Attendees values ('Noah','Johnson');
224    insert into Attendees values ('William','Jones');
225    insert into Attendees values ('James','Brown');
226    insert into Attendees values ('Logan','Davis');
227    insert into Attendees values ('David','Miller');
228    insert into Attendees values ('Robert','Moore');
229    insert into Attendees values ('Michael','Taylor');
230    insert into Attendees values ('Richard','Anderson');
231    insert into Attendees values ('Emma','Jackson');
232    insert into Attendees values ('Mary','Thompson');
233    insert into Attendees values ('Olivia','Garcia');
234    insert into Attendees values ('Jennifer','Clark');
235    insert into Attendees values ('Victoria','Robinson');
236    insert into Attendees values ('Zoe','Lewis');
237    insert into Attendees values ('Mia','Allen');
238    insert into Attendees values ('Alice','Lee');
239
240
241    insert into Attendees values ('Ava', 'Young');
242    insert into Attendees values ('Charlotte', 'King');
243    insert into Attendees values ('Julia', 'Wright');
244    insert into Attendees values ('Adam', 'Lopez');
245    insert into Attendees values ('Jacob', 'Hill');
246    insert into Attendees values ('Oliver', 'Martin');
247    insert into Attendees values ('Juan', 'Scott');
248    insert into Attendees values ('Thomas', 'Nelson');
249    insert into Attendees values ('John', 'Gonzalez');
250    insert into Attendees values ('Charles', 'Green');
251
252    insert into Attendees values ('Mae', 'Perez');
253    insert into Attendees values ('Lissa', 'Roberts');
254    insert into Attendees values ('Celica', 'Turner');
255    insert into Attendees values ('Priscilla','Phillips');
256    insert into Attendees values ('Evelyn','Campbell');
257    insert into Attendees values ('Roy','Parker');
258    insert into Attendees values ('Chrom','Evans');
259    insert into Attendees values ('Lucina','Evans');
260    insert into Attendees values ('Gray', 'Stewart');
261    insert into Attendees values ('Alm', 'Sanchez');
262    insert into Attendees values ('Robin','Morris');
263    insert into Attendees values ('Fredrick','Rogers');
264    insert into Attendees values ('Virion','Bell');
265
266    /*Professional*/
267    insert into Professional values ('Mae', 'Perez','mperez@whohoo.com');
268    insert into Professional values ('Lissa', 'Roberts', 'lroberts@fe.com');
```

```sql
269    insert into Professional values ('Celica', 'Turner', 'lroberts@sov.com');
270    insert into Professional values ('Priscilla','Phillips', 'lroberts@fe.com');
271    insert into Professional values ('Evelyn','Campbell', 'lroberts@fe.com');
272    insert into Professional values ('Roy','Parker', 'roy1234@fe.com');
273    insert into Professional values ('Chrom','Evans', 'chrom@fea.com');
274    insert into Professional values ('Lucina','Evans', 'lucina@fea.com');
275    insert into Professional values ('Gray', 'Stewart', 'gstewart@sov.com');
276    insert into Professional values ('Alm', 'Sanchez', 'alm@sov.com');
277    insert into Professional values ('Robin','Morris', 'rmorris@fea.com');
278    insert into Professional values ('Fredrick','Rogers', 'frogers@fea.com');
279    insert into Professional values ('Virion','Bell', 'virion@fea.com');
280
281    insert into Student values ('Liam','Smith','lsmith@whoohoo.com', '001');
282    insert into Student values ('Noah','Johnson','njohnson@whoohoo.com', '001');
283    insert into Student values ('William','Jones', 'wjones@whoohoo.com', '011');
284    insert into Student values ('James','Brown', 'jbrown@whoohoo.com', '011');
285    insert into Student values ('Logan','Davis','fluffycorn17@wahaha.com', '011');
286    insert into Student values ('David','Miller','dmiller@whohoo.com', '123');
287    insert into Student values ('Robert','Moore','rmoore@whohoo.com', '123');
288    insert into Student values ('Michael','Taylor','mtaylor@whohoo.com', '123');
289    insert into Student values ('Richard','Anderson','randerson@wahaha.com', '123');
290    insert into Student values ('Emma','Jackson', 'em12@whohoo.com', '124');
291    insert into Student values ('Mary','Thompson', 'mthompson@whohoo.com', '203');
292    insert into Student values ('Olivia','Garcia', 'ogarcia@whohoo.com', '203');
293    insert into Student values ('Jennifer','Clark','jclark@whohoo.com', null);
294    insert into Student values ('Victoria','Robinson', 'vrobinson@whohoo.com', null);
295    insert into Student values ('Zoe','Lewis', 'zlewis@wahaha.com', null);
296    insert into Student values ('Mia','Allen','mallen@wahaha.com', null);
297    insert into Student values ('Alice','Lee', 'alee@whohoo.com', null);
298
299    /*Sponsors*/
300    insert into Sponsor values ('Ava', 'Young', 'Google', 'ayoung@whohoo.com');
301    insert into Sponsor values ('Charlotte', 'King', 'Google', 'cking@whohoo.com');
302    insert into Sponsor values ('Julia', 'Wright', 'Google','jwright@wahaha.com');
303    insert into Sponsor values ('Adam', 'Lopez', 'Apple','fluffycorn18@wahaha.ca');
304    insert into Sponsor values ('Jacob', 'Hill', 'Facebook','jhill@whohoo.com');
305    insert into Sponsor values ('Oliver', 'Martin', 'Apple','omartin@whohoo.com');
306    insert into Sponsor values ('Juan', 'Scott', 'Microsoft','jscott@whohoo.com');
307    insert into Sponsor values ('Thomas', 'Nelson', 'Microsoft','thomas_nelson@wahaha.com');
308    insert into Sponsor values ('John', 'Gonzalez', 'Microsoft','jgonzalez@wahaha.com');
309    insert into Sponsor values ('Charles', 'Green', 'Microsoft','greenc@qwl.com');
310
311    insert into Is_speaking values (TIME('12:00:00'), DATE('2019-02-14'), '101', 'Intro to
       running a pyramid scheme', 'David','Miller');
312    insert into Is_speaking values (TIME('12:00:00'), DATE('2019-02-14'), '101', 'Intro to
       running a pyramid scheme', 'Robert','Moore');
313    insert into Is_speaking values (TIME('12:00:00'), DATE('2019-02-14'), '101', 'Intro to
       running a pyramid scheme', 'Adam', 'Lopez');
314    insert into Is_speaking values (TIME('14:00:00'), DATE('2019-02-14'), '101', 'How to be
       your own boss', 'David','Miller');
315    insert into Is_speaking values (TIME('14:00:00'), DATE('2019-02-14'), '101', 'How to be
       your own boss', 'Robert','Moore');
316    insert into Is_speaking values (TIME('14:00:00'), DATE('2019-02-14'), '101', 'How to be
       your own boss',  'Adam', 'Lopez');
317    insert into Is_speaking values (TIME('9:00:00'), DATE('2019-02-14'), '103', 'Quirks of
       the Dewy Decimal System', 'Roy','Parker');
318    insert into Is_speaking values (TIME('21:00:00'), DATE('2019-02-15'), '503', 'Famous
       Queen\'s Grads', 'Virion','Bell');
319    insert into Is_speaking values (TIME('10:00:00'), DATE('2019-02-15'), '101', 'Why Mace
       Windu May Have Been a Sith Lord', 'Virion','Bell');
320    insert into Is_speaking values (TIME('17:00:00'), DATE('2019-02-15'), 'E14', 'What Are
       Ferarri Owners Compensating For?', 'Celica', 'Turner');
321
322
```