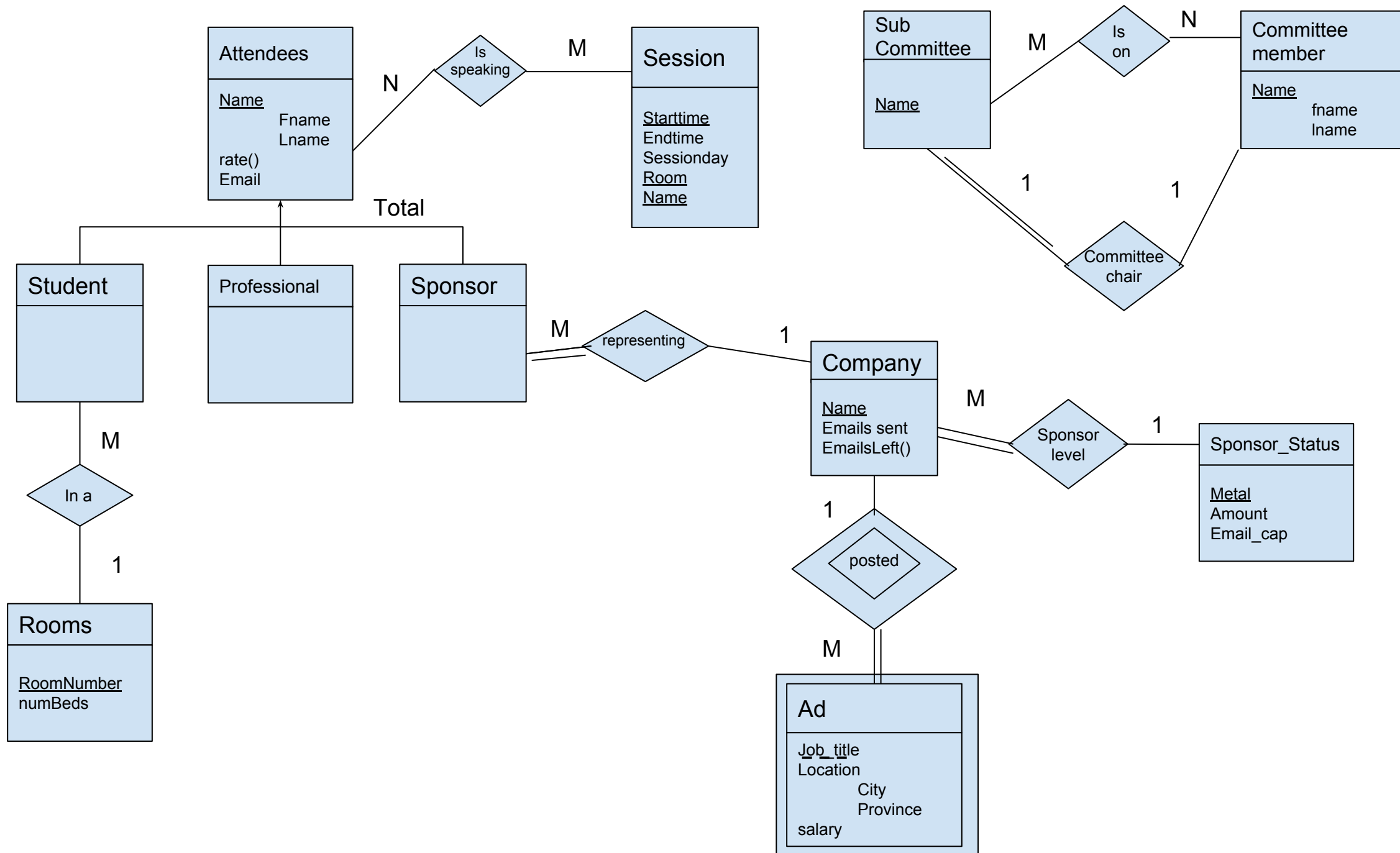


Assumptions

- Assume attendings have unique names
 - first name cannot be longer than 32 characters
 - last name cannot be longer than 32 characters
- Assume 'mailing list' sponsors have access to is an email list
- assume no email longer than 128 characters
- Assume committee members have unique names
 - first name cannot be longer than 32 characters
 - last name cannot be longer than 32 characters
- Assume session names are unique
 - name cannot be longer than 64 characters
- Assume Subcommittee will have a unique name
 - name cannot be longer than 32 characters
- Assume subcommittee must have a chair
- Assume a subcommittee member can be the chair of multiple subcommittees
- Assume committee member does not have to be on a sub committee.
- Wording a bit ambiguous regarding rooms, assume that each room has a distinct number (rather than rooms with a different amount of beds can have the same number)
 - Assume mailing list of attendings only includes email, does not include physical address
 - Assume attendings only have one email
 - Assume that sessions will not span 2 days.
 - Different companies may have the same job title, but each company cannot have more than one ad with the same title
 - Only one session can happen per room at a single start time.
 - Attendings must be a student, professional or sponsor
 - If company is deleted from the database should delete all of their posted job titles
 - If company is deleted from the database all associated sponsors are deleted.\



```

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,

```

```

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 /* committee 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');

```

```

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'),
192 '101', 'Intro to running a pyramid scheme');
193 insert into Session values (TIME('14:00:00'), TIME('15:00:00'), DATE('2019-02-14'),
194 '101', 'How to be your own boss');
195 insert into Session values (TIME('9:00:00'), TIME('10:00:00'), DATE('2019-02-14'),
196 '103', 'Quirks of the Dewy Decimal System');
197 insert into Session values (TIME('21:00:00'), TIME('23:00:00'), DATE('2019-02-15'),
198 '503', 'Famous Queen\'s Grads');
199 insert into Session values (TIME('10:00:00'), TIME('11:00:00'), DATE('2019-02-15'),
200 '101', 'Why Mace Windu May Have Been a Sith Lord');
201 insert into Session values (TIME('17:00:00'), TIME('20:00:00'), DATE('2019-02-14'),
202 'E14', 'What Are Ferarri Owners Compensating For?');
203
204 /* status values */

```

```

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');

```

```

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@whooohoo.com','001');
282 insert into Student values ('Noah','Johnson','njohnson@whooohoo.com','001');
283 insert into Student values ('William','Jones','wjones@whooohoo.com','011');
284 insert into Student values ('James','Brown','jbrown@whooohoo.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

```