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1  ###Part 3: DDL for relational Schema
2  Create Table Sub_Committee(
3      committee_name varchar(20) not null,
4      committee_chair_fname varchar(50),
5      committee_chair_lname varchar(50),
6      primary key (committee_name));
7
8  Create Table Committee_Members(
9      member_id varchar(10) not null,
10     first_name varchar(50) not null,
11     last_name varchar(50) not null,
12     committee_name varchar(20) not null,
13     primary key(member_id,first_name,last_name),
14     foreign key(committee_name) references sub_committee(committee_name) on delete
        cascade
15     );
16
17  create table membersFromCommittee(
18     member_id varchar(10) not null,
19     first_name varchar(50) not null,
20     last_name varchar(50) not null,
21     committee_name varchar(20) not null,
22     foreign key(member_id, first_name, last_name) references Committee_Members
        (member_id, first_name, last_name) on delete cascade,
23     foreign key(committee_name) references Sub_Committee (committee_name) on delete
        cascade
24     );
25
26  Create Table Attendees(
27     ID varchar(10) not null,
28     first_name varchar(100) not null,
29     last_name varchar(100) not null,
30     email varchar(255) not null,
31     attendee_type varchar(100) not null,
32     attending_rate varchar(100) not null,
33     primary key(ID)
34     );
35
36  Create Table Hotel_Room(
37     room_number varchar(5) not null ,
38     num_of_bed integer not null,
39     primary key(room_number)
40     );
41
42  Create Table Students(
43     ID varchar(10) not null,
44     first_name varchar(100) not null,
45     last_name varchar(100) not null,
46     room_number varchar(5),
47     primary key(ID),
48     foreign key(ID) references attendees(ID) on delete cascade,
49     foreign key(room_number) references Hotel_Room (room_number) on delete set null
50     );
51
52  Create Table Level_Table(
53     sponsor_level varchar(30) not null,
54     amount_of_money varchar(9) not null,
55     total_mail integer not null,
56     primary key (sponsor_level)
57     );
58
59  Create Table Company(
60     company_name varchar(100) not null,
61     sponsor_level varchar(30)not null,
62     amount_of_money integer not null,
63     total_mail integer not null,
64     primary key(company_name),
65     foreign key(sponsor_level) references Level_Table(sponsor_level)
66     );
67
68  Create Table Job_Post(
69     job_id varchar(10) not null,
70     company_name varchar(100),

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71     title varchar(50),
72     city varchar(50),
73     province varchar(50),
74     pay_rate varchar(20),
75     primary key(job_id),
76     foreign key(company_name) references Company (company_name) on delete cascade
77 );
78
79 Create Table Sponsors(
80     ID varchar(10) not null,
81     first_name varchar(100) not null,
82     last_name varchar(100) not null,
83     company_name varchar(10) not null,
84     num_of_mails_sent integer not null,
85     foreign key(company_name) references Company (company_name) on delete cascade,
86     foreign key(ID) references attendees(ID) on delete cascade
87 );
88
89 Create Table Professionals(
90     ID varchar(10) not null,
91     first_name varchar(100) not null,
92     last_name varchar(100) not null,
93     specialization varchar(100),
94     foreign key(ID) references attendees(ID) on delete cascade
95 );
96
97 Create Table Conference_Schedule(
98     date date,
99     start_time time,
100    end_time time,
101    speaker_id varchar(10),
102    speaker_front_name varchar(100),
103    speaker_last_name varchar(100),
104    section_id varchar(10) not null,
105    section_name varchar(100) not null,
106    building varchar(100),
107    room_num varchar(5),
108    primary key(section_id),
109    foreign key(speaker_id) references attendees (id) on delete cascade
110 );
111

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