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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     foreign key(committee_name) references sub_committee(committee_name) on delete
        cascade);
14
15  Create Table Attendees(
16     ID varchar(10) not null,
17     first_name varchar(100) not null,
18     last_name varchar(100) not null,
19     attendee_type varchar(100) not null,
20     attending_rate varchar(100) not null,
21     primary key(ID));
22
23  Create Table Hotel_Room(
24     room_number varchar(5) not null ,
25     num_of_bed integer not null,
26     primary key(room_number));
27
28  Create Table Students(
29     ID varchar(10) not null,
30     first_name varchar(100) not null,
31     last_name varchar(100) not null,
32     room_number varchar(5),
33     foreign key(ID) references attendees(ID) on delete cascade,
34     foreign key(room_number) references Hotel_Room (room_number) on delete set
        null);
35
36  Create Table Level_Table(
37     sponsor_level varchar(30) not null,
38     amount_of_money varchar(9) not null,
39     total_mail integer not null,
40     primary key (sponsor_level));
41
42  Create Table Company(
43     company_name varchar(100) not null,
44     sponsor_level varchar(30) not null,
45     amount_of_money integer not null,
46     total_mail integer not null,
47     num_of_mails_sent integer not null,
48     primary key(company_name),
49     foreign key(sponsor_level) references Level_Table(sponsor_level));
50
51  Create Table Job_Post(
52     job_id varchar(10) not null,
53     company_name varchar(100),
54     title varchar(50),
55     city varchar(50),
56     province varchar(50),
57     pay_rate varchar(20),
58     primary key(job_id),
59     foreign key(company_name) references Company (company_name) on delete cascade);
60
61  Create Table Sponsors(
62     ID varchar(10) not null,
63     first_name varchar(100) not null,
64     last_name varchar(100) not null,
65     company_name varchar(10) not null,
66     foreign key(company_name) references Company (company_name) on delete cascade,
67     foreign key(ID) references attendees(ID) on delete cascade);
68
69  Create Table Professionals(
70     ID varchar(10) not null,
71     first_name varchar(100) not null,

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72     last_name varchar(100) not null,  
73     specialization varchar(100),  
74     foreign key(ID) references attendees(ID) on delete cascade);  
75  
76 Create Table Conference_Schedule(  
77     date date,  
78     start_time time,  
79     end_time time,  
80     speaker_id varchar(10),  
81     speaker_front_name varchar(100),  
82     speaker_last_name varchar(100),  
83     section_id varchar(10) not null,  
84     section_name varchar(100) not null,  
85     building varchar(100),  
86     room_num varchar(5),  
87     primary key(section_id),  
88     foreign key(speaker_id) references attendees (id) on delete cascade);  
89
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