Student# : 215916232
Sur (Family) Name: Sakib
Given Name: Sadman
Class: EECS3421B
Term: Fall 2019
Project: Relational Schema Part A

Photography Contest (
year date(8) not nullable
name varchar(15) not nullable
location varchar(15)
from_date date(8)
to_date date(8)

primary key (year, name)
)

support (
level varchar(15)
year date(8)
name varchar(15)

FK(year, name) refs Photography Contest (year, name)
FK(name) refs Sponsor(name)
)

Sponsor(
Sponsor type varchar(15)
name varchar(15) not nullable
)

submissions(
caption varchar(15) not nullable
format jpg,jpeg
size integer(8)
description varchar(15)
year date(8)
name varchar(15)
R# integer(8)

primary key(caption)

FK(year, name) refs Photography Contest (year, name)
FK(name) refs Category(name)
FK(R#) refs photographer(R#)
)

photographer(
DOB date(8)
R# integers(8) not nullable
email varchar(15)
name varchar(15)
country char(8)

primary key (R#)
)
submits(
date date(8)
caption varchar(15)
R# integers(8)

FK(R#) refs photographer(R#)
FK (caption) refs submissions(caption)
)

category(
name varchar(15) not nullable
description varchar(15)

primary key (name)

)

in (
name varchar(15)
caption varchar(15)

FK (name) refs category(name)
FK (caption) refs submissions(caption)
)

receives(
date date(8)
year *date(8) not nullable*
name varchar(15) not nullable
caption varchar(15)

FK(year, name) refs Photography Contest (year, name)
FK (caption) refs submissions(caption)
)

Open Call Exhibition(
caption varchar(15) not nullable
format jpg,jpeg
size integer(8)
description varchar(15)
)

Featured Call Exhibition(
caption varchar(15) not nullable
format jpg,jpeg
size integer(8)

description varchar(15)
)
Photo Magazine(
year date(8) not nullable
Editor in chief varchar(15)
title char(8)
url varchar(15)

Primary Key(year)
)

publish(
year date(8)
caption varchar(15)

FK(year) refs Photo Magazine(year)
FK(caption) refs Featured Call Exhibition(caption)
)

Nominee(
caption varchar(15) not nullable
format jpg,jpeg
size integer(8)
description varchar(15)
)

win(
name varchar(15)
caption varchar(15)

FK(name) refers to award(name)
FK(caption) refers to Nominee(caption)
)

award(
prize integer(3)
name varchar(15) not nullable
year date(8)

primary key (name)
FK(year, name) refs Photography Contest (year, name)
FK (caption) refs Nominee(caption)
)
of(
name varchar(15)
year date(8)
caption varchar(15)

FK(year, name) refs Photography Contest (year, name)

FK (caption) refs Nominee(caption)
)

members(
email varchar(15)
member# integers(8) not nullable
name varchar(15)
country char(8)
expertise char(8)

Primary key(member#)
)

nominators(
name varchar(15)
year date(8)
member# integers(8)
caption varchar(15)

FK(year, name) refs Photography Contest (year, name)
FK (caption) refs Nominee(caption)
FK(member#) refs members(member#)
)

is(
member# integers(8)
name varchar(15)
year date(8)
caption varchar(15)

FK(year, name) refs Photography Contest (year, name)
FK (caption) refs Nominee(caption)
FK(member#) refs members(member#)