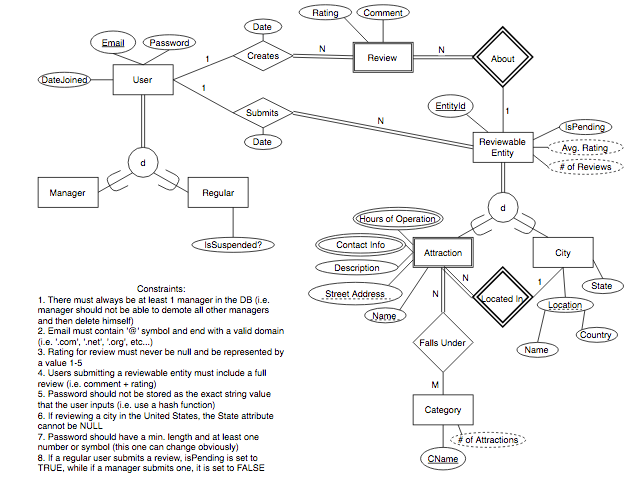
Daniel Pagan

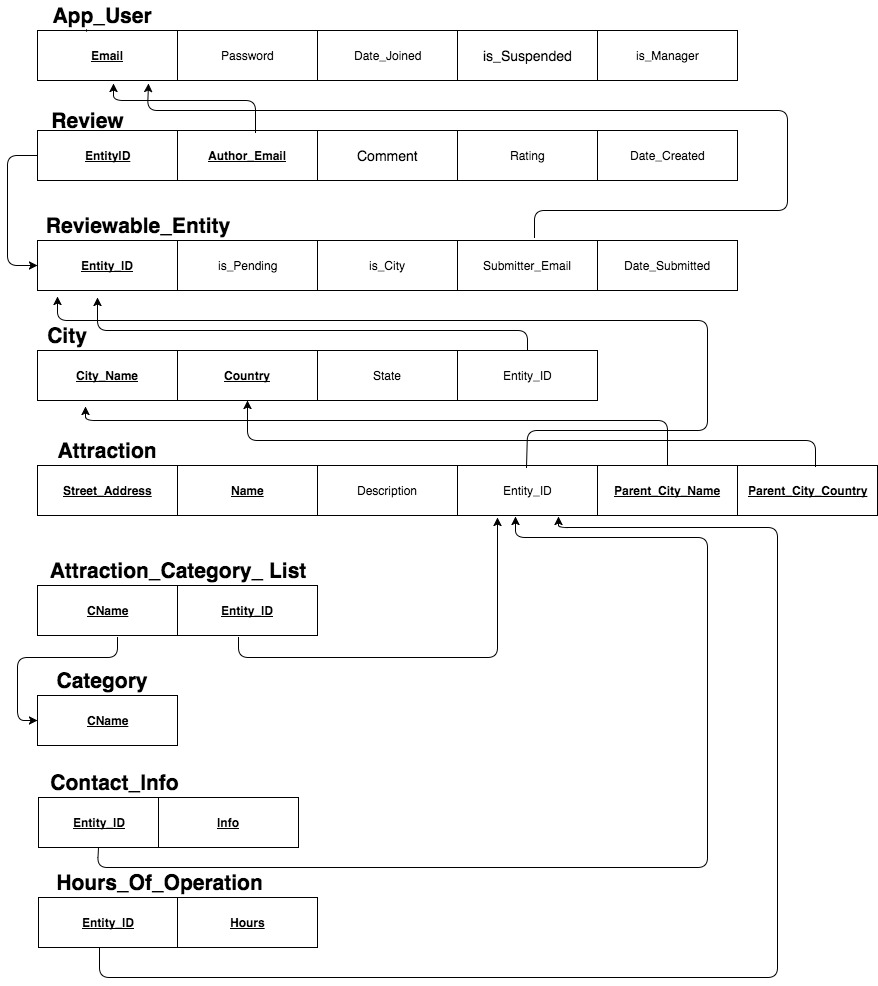
Hemanth Chittanuru

Duy Huynh

David Solodukhin

CS4400 Project Phase 2





CREATE TABLE IF NOT EXISTS Category (

category\_name varchar(25) NOT NULL,

PRIMARY KEY (category\_name)

);

CREATE TABLE IF NOT EXISTS App\_User (

email varchar(50) NOT NULL,

password varchar(25) NOT NULL,

date\_joined timestamp DEFAULT CURRENT\_TIMESTAMP,

is\_manager boolean NOT NULL,

is\_suspended boolean,

PRIMARY KEY (email)

);

CREATE TABLE IF NOT EXISTS Reviewable\_Entity (

entity\_id varchar(15) NOT NULL,

is\_Pending boolean NOT NULL,

is\_City boolean NOT NULL ,

submitter\_email varchar(50),

date\_submitted timestamp DEFAULT CURRENT\_TIMESTAMP,

PRIMARY KEY (entity\_id),

FOREIGN KEY (submitter\_email) REFERENCES App\_User (email) ON DELETE SET NULL ON UPDATE CASCADE

);

CREATE TABLE IF NOT EXISTS Review (

entity\_id varchar(15) NOT NULL,

author\_email varchar(50) NOT NULL,

comment text,

rating integer NOT NULL,

date\_created timestamp DEFAULT CURRENT\_TIMESTAMP,

FOREIGN KEY (entity\_id) REFERENCES Reviewable\_Entity (entity\_id) ON DELETE CASCADE,

FOREIGN KEY (author\_email) REFERENCES App\_User (email) ON DELETE CASCADE ON UPDATE CASCADE,

CONSTRAINT PK\_Review PRIMARY KEY (entity\_id, author\_email)

);

CREATE TABLE IF NOT EXISTS City (

city\_name varchar(25) NOT NULL,

country varchar (30) NOT NULL,

state varchar (30),

entity\_id varchar(15) NOT NULL,

CONSTRAINT PK\_City PRIMARY KEY (city\_name, country),

FOREIGN KEY (entity\_id) REFERENCES Reviewable\_Entity (entity\_id) ON DELETE CASCADE,

UNIQUE (entity\_id)

);

CREATE TABLE IF NOT EXISTS Attraction (

street\_address varchar(50) NOT NULL,

name varchar(25) NOT NULL,

description text NOT NULL,

entity\_id varchar(15) NOT NULL,

parent\_city\_name varchar(25) NOT NULL,

parent\_city\_country varchar(30) NOT NULL,

CONSTRAINT Pk\_Attraction PRIMARY KEY (street\_address, name, parent\_city\_name, parent\_city\_country),

CONSTRAINT Fk\_City FOREIGN KEY (parent\_city\_name, parent\_city\_country) REFERENCES City (city\_name, country) ON DELETE CASCADE,

FOREIGN KEY (entity\_id) REFERENCES Reviewable\_Entity(entity\_id) ON DELETE CASCADE,

UNIQUE (entity\_id)

);

CREATE TABLE IF NOT EXISTS Attraction\_Category\_List (

c\_Name varchar(25) NOT NULL,

entity\_id varchar(15) NOT NULL,

FOREIGN KEY (c\_Name) REFERENCES Category (category\_name) ON DELETE CASCADE ON UPDATE CASCADE,

FOREIGN KEY (entity\_id) REFERENCES Attraction (entity\_id) ON DELETE CASCADE,

CONSTRAINT Pk\_Attraction\_Category PRIMARY KEY (c\_Name, entity\_id)

);

CREATE TABLE IF NOT EXISTS Contact\_Info (

entity\_id varchar(15) NOT NULL,

info varchar(100) NOT NULL,

CONSTRAINT Pk\_Contact\_Info PRIMARY KEY (entity\_id, info),

FOREIGN KEY (entity\_id) REFERENCES Attraction (entity\_id) ON DELETE CASCADE

);

CREATE TABLE IF NOT EXISTS Hours\_Of\_Operation (

entity\_id varchar(15) NOT NULL,

hours varchar(100) NOT NULL,

FOREIGN KEY (entity\_id) REFERENCES Attraction (entity\_id) ON DELETE CASCADE,

CONSTRAINT Pk\_Hours PRIMARY KEY (entity\_id, hours)

);