

/*

is 360
week 14 assignment
*/

--1. website chosen:

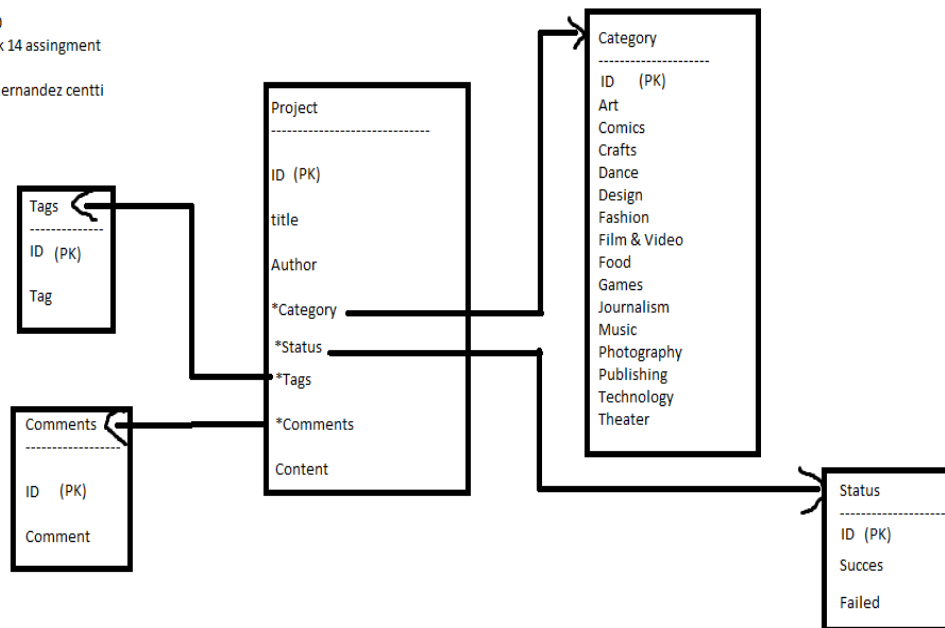
<https://www.kickstarter.com/>

--2. Local database design:

CHECK FOLDER FOR FILE IMAGE CALLED "DIAGRAM"

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luis hernandez centti



--3. Creating databases

```
CREATE TABLE project
(
  "ID" serial NOT NULL,
  "Title" character varying,
  "Author" character varying,
  "Content" character varying,
  CONSTRAINT project_pkey PRIMARY KEY ("ID")
)
WITH (
```

```
    OIDS=FALSE
);
```

```
CREATE TABLE Category
(
    "ID" integer NOT NULL,
    "Art" character varying,
    "Comics" character varying,
    "Crafts" character varying,
    "dance" character varying,
    "Design" character varying,
    "Fashion" character varying,
    "Film" character varying,
    "Food" character varying,
    "Games" character varying,
    "Journalims" character varying,
    "Music" character varying,
    "Photography" character varying,
    "Publishing" character varying,
    "Technology" character varying,
    "Theater" character varying,
    CONSTRAINT Category_pkey PRIMARY KEY ("ID")
)
WITH (
    OIDS=TRUE
);
```

```
CREATE TABLE Status
(
    "ID" integer,
    "Success" character varying,
    "Failed" character varying,
    CONSTRAINT Status_pkey PRIMARY KEY ("ID")
)
WITH (
    OIDS=TRUE
);
```

```
--table coments
```

```
CREATE TABLE comments
```

```
(
  "ID" integer,
  "Comment" character varying
)
WITH (
  OIDS=TRUE
);
```

```
--table tags
```

```
CREATE TABLE tags
(
  "ID" integer,
  "Tag" character varying
)
WITH (
  OIDS=TRUE
);
```

```
---4. populating tables
```

```
INSERT INTO project("ID", "Title", "Author", "Content") VALUES
(1, 'Kickstarter 1', 'Author 1', 'content 1'),
(2, 'Kickstarter 2', 'Author 2', 'content 2'),
(3, 'Kickstarter 3', 'Author 3', 'content 3'),
(4, 'Kickstarter 4', 'Author 4', 'content 4'),
(5, 'Kickstarter 5', 'Author 5', 'content 5');
```

```
select * from project
```

```
INSERT INTO Category("ID",
  "Art" ,
  "Comics" ,
  "Crafts" ,
  "dance" ,
  "Design" ,
  "Fashion" ,
  "Film" ,
  "Food" ,
  "Games" ,
```

```
"Journalims" ,  
"Music" ,  
"Photography" ,  
"Publishing",  
"Technology",  
"Theater") VALUES
```

```
(1, 'art project', 'comic project', 'crafts project', 'dance project',  
'design project', 'fashion project', 'film project', 'food project', 'games  
project',  
'journalism project', 'music project', 'photography project', 'publishing  
project',  
'techonology project', 'theater project');
```

```
select * from Category
```

```
INSERT INTO tags("ID", "Tag") VALUES
```

```
(1, 'Tag 1'),  
(1, 'Tag 2'),  
(2, 'Tag 1'),  
(2, 'Tag 3'),  
(3, 'Tag 4'),  
(3, 'Tag 5'),  
(4, 'Tag 2'),  
(4, 'Tag 4'),  
(5, 'Tag 2'),  
(5, 'Tag 5');
```

```
INSERT INTO comments("ID", "Comment") VALUES
```

```
(1, 'Comment 1'),  
(1, 'Comment 1'),  
(2, 'Comment 2'),  
(2, 'Comment 2'),  
(3, 'Comment 3'),  
(4, 'Comment 4'),  
(5, 'Comment 5');
```

```
--5 . Queary data fro tables:
```

```
SELECT
  project."Title", project."Author", project."Content", comments."Comment",
  tags."Tag"
FROM
  project, comments, tags
WHERE
  project."ID" = comments."ID" AND
  project."ID" = tags."ID";
```

```
SELECT
  project."Title", project."Author", project."Content", tags."Tag"
FROM
  public.project, public.tags
WHERE
  project."ID" = tags."ID" and
  tags."Tag" = 'Tag 2';
```