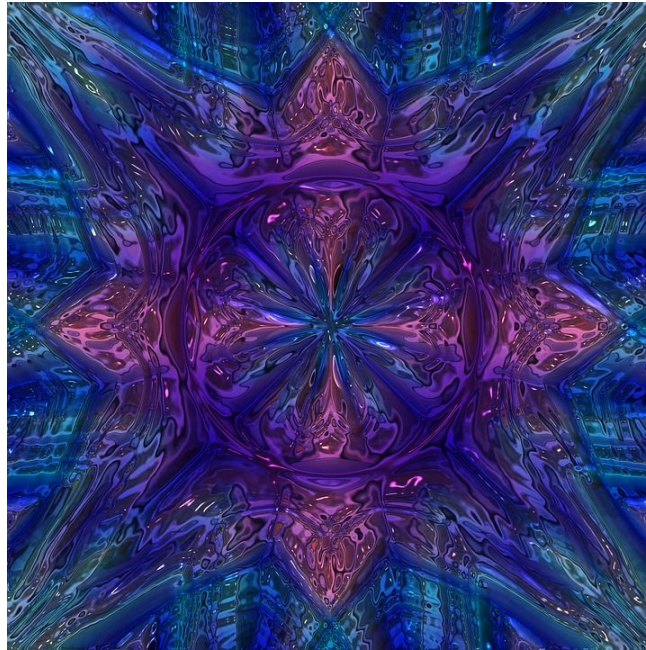


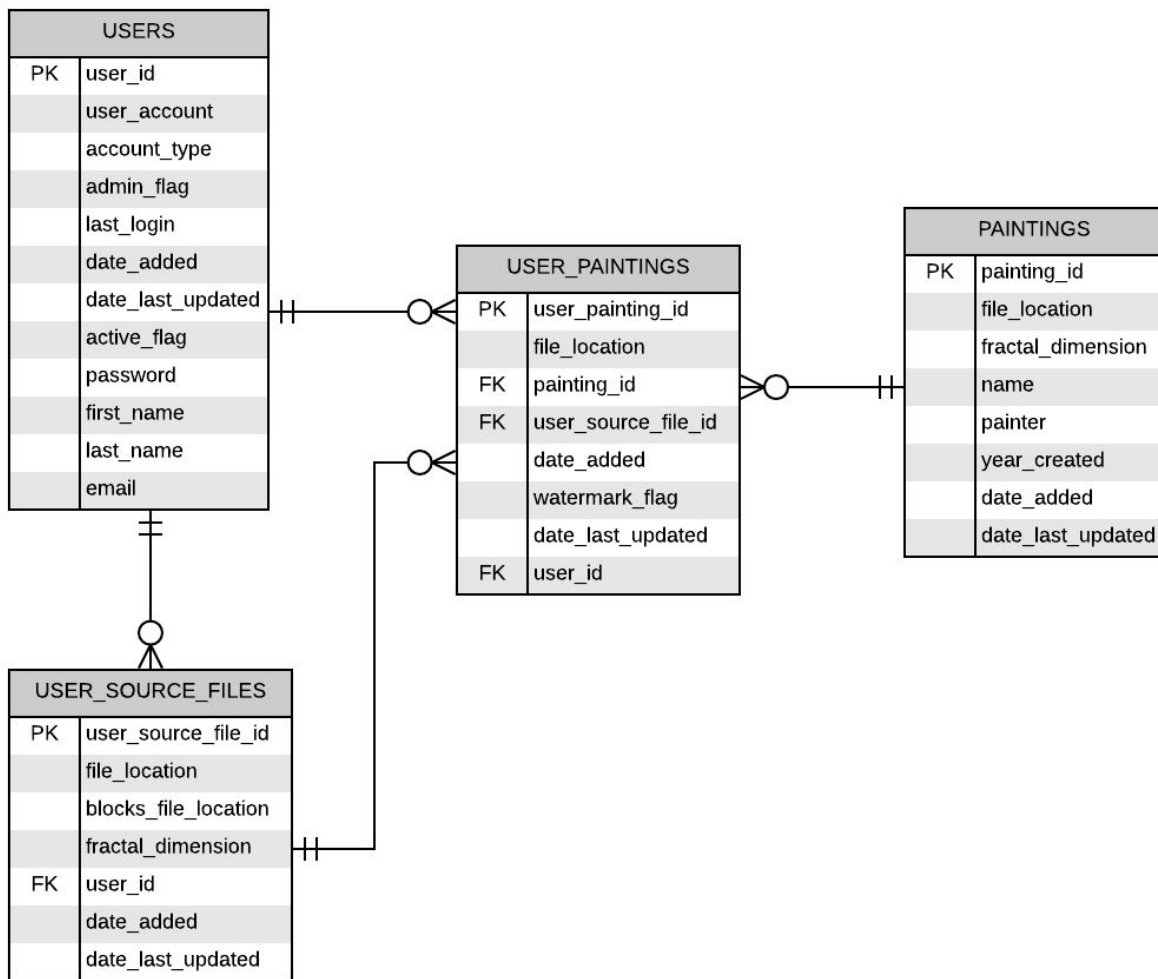
Fractal Factory



ER Diagram Documentation

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Professor Rivas
CMPT_475N_200
21 October 2019

ER Diagram:



Tables:

1. **USERS** - This table holds user account information.
 - a. **user_id** - The *primary key* for the table; it is a guaranteed unique identifier for every user that signs up and receives an account on the site.
 - Data type: *uuid*
 - b. **user_account** - The user's username, email, or other identifier that they used during the signup process.
 - Data type: *text*
 - c. **account_type** - Whether the user signed up with Marist, Facebook, or Google account credentials.
 - Data type: *text*
 - d. **password** - Hash of the user's password for 'default' account type or token for 'Google', 'Facebook', or 'Marist' account type.
 - Data type: *text*
 - e. **admin_flag** - Flag that determines if the user has administrative privileges.
 - Data type: *boolean*
 - f. **last_login** - Records the user's last login date and time.
 - Data type: *timestampz*
 - g. **date_added** - The date and time the user is added to the system.
 - Data type: *timestampz*
 - h. **date_last_updated** - The date and time the user's account information is last updated.
 - Data type: *timestampz*
 - i. **active_flag** - Flag that determines if the user account is deactivated or not.
 - Data type: *boolean*

- j. **first_name** - First name of user.
 - Data type: *text*
- k. **last_name** - Last name of user.
 - Data type: *text*
- l. **email** - Email associated with user.
 - Data type: *text*

2. **USER_SOURCE_FILES** - This table holds information relating to the code source files uploaded by the user.

- a. **user_source_file_id** - The *primary key* for the table; it is unique for every source file uploaded.
 - Data type: *uuid*
- b. **user_id** - A *foreign key*; it relates the user_source_files table to the users_table (e.g. every piece of code uploaded will belong to one and only one user).
 - Data type: *uuid*
- c. **file_location** - Link to the source file that is stored in a separate location.
 - Data type: *text*
- d. **Blocks_file_location** - Link to BAM or source file translated to blocks
 - Data type: *text*
- e. **fractal_dimension** - The calculated fractal dimension of the source file.
 - Data type: *numeric*
- f. **date_added** - The date and time the source file is uploaded.
 - Data type: *timestampz*
- g. **date_last_updated** - The date and time the source file information is last updated.
 - Data type: *timestampz*

3. **PAINTINGS** - This table holds information about the paintings imported from the Metropolitan Museum of Art's database.

a. **painting_id** - The *primary key* for the table; it is unique for every painting.

➤ Data type: *uuid*

b. **file_location** - The link to the painting that is stored in a separate location.

➤ Data type: *text*

c. **fractal_dimension** - The calculated fractal dimension of the painting.

➤ Data type: *numeric*

d. **name** - The name of the painting.

➤ Data type: *text*

e. **painter** - The name of the painter.

➤ Data type: *text*

f. **year_created** - The year that the painting was created.

➤ Data type: *numeric(4)*

g. **date_added** - The date and time that the painting is added to the database.

➤ Data type: *timestampz*

h. **date_last_updated** - The date and time that the painting information is last updated.

➤ Data type: *timestampz*

4. **USER_PAINTINGS** - This table holds information on the paintings that are created from the user's source file and selected painting.

a. **user_painting_id** - The *primary key* for the table; it is unique for every painting created by the user's source code.

➤ Data type: *uuid*

b. **painting_id** - A *foreign key*; it relates the user_paintings table to the paintings table (e.g. every user painting created will have come about from one and only one painting).

➤ Data type: *uuid*

c. **user_source_file_id** - A *foreign key*; it relates the user_painting table to the user_source_file table (e.g. every user painting will be created from one and only one user source file).

➤ Data type: *uuid*

d. **user_id** - A *foreign key*; it relates the user_source_files table to the users_table (e.g. every piece of code uploaded will belong to one and only one user).

➤ Data type: *uuid*

e. **file_location** - The link to the user painting that is stored in a separate location.

➤ Data type: *text*

f. **watermark_flag** - Flag that determines whether the painting should be displayed with or without a watermark.

➤ Data type: *boolean*

g. **date_added** - The date and time that the user painting is added to the database.

➤ Data type: *timestampz*

h. **date_last_updated** - The date and time that the user painting is last updated.

➤ Data type: *timestampz*

3NF Proof:

- Below are the four tables. Each contains five rows of example data:

USERS:

user_id	user_account	password	first_name	last_name	email	account_type	admin_flag	last_login	date_added	date_last_updated
072ba068-3256-46e7-9138-5f454b92b81e	example@gmail.com	23478207027842073230762374023	Dave	Lent	example@gmail.com	Google	false	2014-08-17 19:15:53	2002-02-27 21:14:05	2009-12-22 10:34:32
a67d93f5-d24c-458e-b090-ada03e10936e	admin	\$2b\$10\$ilarA2jX6ZaiZwRne3l2ROG3fELZiC921QhVLzFL5WMjkiOD.1nkq	Jessy	Kent	ex@gmail.com	Default	true	2017-11-11 07:57:24	2014-03-22 17:24:48	2017-11-11 07:57:24
1374801c-b520-4a55-aecc-b841930a05d4	fc@yahoo.com	234476747607027842073230762374023	George	Diez	fc@yahoo.com	Facebook	false	2009-12-22 10:34:32	2006-05-20 17:03:43	2008-02-22 18:08:15
7ea674d9-eb9d-4ce4-9da9-0d0c50bfe55f	kjl8w	2347820702784207865742374023	Jessica	Brant	example@hotmail.com	Marist	true	2011-09-04 03:53:05	2003-03-12 02:55:17	2009-12-22 10:34:32
35eeb5a1-670a-46a6-ad9c-567d23fd339b	gg@gmail.com	2347820705685674073230762374023	Felix	Kant	gg@gmail.com	Google	false	2017-11-11 07:57:24	2008-08-05 22:22:49	2017-11-11 07:57:24

USER_SOURCE_FILES:

user_source_file_id	file_location	blocks_file_location	fractal_dimension	user_id	date_added	date_last_updated
5eac02f8-1aa5-4646-944d-6dd46827659c	/srv/source_files/usf0	/srv/blocks_files/usf0	1.67	072ba068-3256-46e7-9138-5f454b92b81e	2004-09-13 11:27:50	2014-08-17 19:15:53
f02e5204-ecad-41c4-a344-37d8fadca447	/srv/source_files/usf1	/srv/blocks_files/usf1	1.91	a67d93f5-d24c-458e-b090-ada03e10936e	2017-11-11 07:57:24	2013-04-10 05:13:14
dff03454-d205-4d57-8074-55b9019e7e02	/srv/source_files/usf2	/srv/blocks_files/usf2	1.34	1374801c-b520-4a55-aecc-b841930a05d4	2008-02-22 18:08:15	2017-11-11 07:57:24
86a2d9cd-9f5e-4ffe-b0cf-c64a0c9ab7ae	/srv/source_files/usf3	/srv/blocks_files/usf4	1.56	7ea674d9-eb9d-4ce4-9da9-0d0c50bfe55f	2009-12-22 10:34:32	2011-09-04 03:53:05

753cb0d6-240a-49e6-a07b-13430a902743	/srv/source_files/ufsf4		1.89	35eeb5a1-670a-46a6-ad9c-567d23fd339b	2008-02-22 18:08:15	2005-01-29 04:45:45
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USER_PAINTINGS:

user_painting_id	file_location	painting_id	user_source_file_id	user_id	date_added	watermark_flag	date_last_updated
cd7870b2-2d4d-4ff9-9801-05c6fa7c44a8	/srv/user_paintings/up0	afbbadc3-d088-46b6-bbef-66494a659e7f	5eac02f8-1aa5-4646-944d-6dd46827659c	072ba068-3256-46e7-9138-5f454b92b81e	2004-11-08 07:46:42	true	2006-11-11 07:57:24
55ce7670-ccd5-4fc7-9b88-6cdc0743d9ee	/srv/user_paintings/up1	8eea83d0-5ff8-42bf-8b19-aa584b904a3d	f02e5204-ecad-41c4-a344-37d8fadca447	a67d93f5-d24c-458e-b090-ada03e10936e	2014-08-17 19:15:53	true	2017-11-11 07:57:24
b93fc5cc-32aa-459e-9008-2e9b513df827	/srv/user_paintings/up2	2aec4b7-f48a-4692-b972-890f20038031	dff03454-d205-4d57-8074-55b9019e7e02	1374801c-b520-4a55-aecc-b841930a05d4	2006-09-04 03:53:05	false	2007-09-04 03:53:05
6019efa8-1657-42af-bdba-f7075a0d99b6	/srv/user_paintings/up3	f57633b0-969c-44b7-b859-6dad96ceae0	86a2d9cd-9f5e-4ffe-b0cf-c64a0c9ab7ae	7ea674d9-eb9d-4ce4-9da9-0d0c50bfe55f	2007-04-10 05:13:14	false	2008-04-10 05:13:14
f3bdb8d5-7b8a-47ed-9ef3-ee375a928abe	/srv/user_paintings/up4	2ad8d839-9c7f-4682-8740-64b6413b3254	753cb0d6-240a-49e6-a07b-13430a902743	35eeb5a1-670a-46a6-ad9c-567d23fd339b	2009-01-29 04:45:45	true	20014-08-05 22:22:49

PAINTINGS:

painting_id	file_location	fractal_dimension	name	painter	year_created	date_added	date_last_updated
afbbadc3-d088-46b6-bbef-66494a659e7f	/srv/paintings/p0	1.26	Mona Lisa	Leanard Da Vinci	1557	2000-11-21 05:37:50	2005-01-29 04:45:45
8eea83d0-5ff8-42bf-8b19-aa584b904a3d	/srv/paintings/p1	1.22	The Starry Night	Vincent Van Gogh	1889	2001-12-13 20:06:52	2016-11-08 07:46:42
2aec4b7-f48a-4692-b972-890f20038031	/srv/paintings/p2	1.67	The Scream	Edvard Munch	1893	2002-10-22 12:40:50	2008-12-13 20:06:52
f57633b0-969c-44b7-b859-6dad96ceae0	/srv/paintings/p3	1.43	The Night Watch	Rembrandt	1642	2003-06-20 13:22:52	2011-09-04 03:53:05
2ad8d839-9c7f-4682-8740-64b6413b3254	/srv/paintings/p4	1.87	The Creation of Adam	Michelangelo	1512	2002-11-29 19:01:43	2017-11-11 07:57:24

- Each column contains only atomic values.
- There are no repeating groups.
- Each non-key column is dependent on the table's primary key.
- Each column is non-transitively dependent on the table's primary key.
- Left joining the user_paintings and user_source_files tables to the users table, then left joining the paintings table to the user_paintings table provides a complete table with referential integrity. Each user has one user painting and one user source file which makes use of each of the paintings, so no nulls are present. However, it is possible that a user may not have uploaded a source file or requested a painting which will result in nulls for those columns. Furthermore, not all paintings may be used to make user paintings, so nulls may result from that circumstance. Such nulls are expected and follow our business rules. Due to the length of the resulting table, it is shown below in five segments:



Abc paintings Painting Id (Painti...	Abc paintings File Location (Pain...	# paintings Fractal Dimension ...	Abc paintings Name	Abc paintings Painter	Abc paintings Year Created	🕒 paintings Date Added (Paint...
AFBBADC3-D088-468...	/srv/paintings/p0	1.260000	Mona Lisa	Leanard Da Vinci	1557	11/21/2000 5:37:50 AM
8EEA83D0-5FF8-42BF...	/srv/paintings/p1	1.220000	The Starry Night	Vincent Van Gogh	1889	12/13/2001 8:06:52 PM
2AECD4B7-F48A-469...	/srv/paintings/p2	1.670000	The Scream	Edvard Munch	1893	10/22/2002 12:40:50 ...
F57633B0-969C-44B7...	/srv/paintings/p3	1.430000	The Night Watch	Rembrandt	1642	6/20/2003 1:22:52 PM
2AD8D839-9C7F-468...	/srv/paintings/p4	1.870000	The Creation of Adam	Michelangelo	1512	11/29/2002 7:01:43 PM

<div><div><div></div></div><div>paintings</div></div> <div>Date Last Updated...</div>	<div>Abc</div> <div>user_paintings</div> <div>User Painting Id</div>	<div>Abc</div> <div>user_paintings</div> <div>Painting Id</div>	<div>Abc</div> <div>user_paintings</div> <div>User Source File Id</div>	<div>Abc</div> <div>user_paintings</div> <div>User Id (User Pain...</div>	<div>Abc</div> <div>user_paintings</div> <div>File Location</div>	<div>T F</div> <div>user_paintings</div> <div>Watermark Flag</div>
1/29/2005 4:45:45 AM	CD7870B2-2D4D-4FF...	AFBBADC3-D088-46B...	5EAC02F8-1AA5-4646...	072BA068-3256-46E7...	/srv/user_paintings/u...	True
11/8/2016 7:46:42 AM	55CE7670-CCD5-4FC7...	8EEA83D0-5FF8-42BF...	F02E5204-ECAD-41C4...	A67D93F5-D24C-458...	/srv/user_paintings/u...	True
12/13/2008 8:06:52 PM	B93FC5CC-32AA-459E...	2AECD4B7-F48A-469...	DFF03454-D205-4D5...	1374801C-B520-4A55...	/srv/user_paintings/u...	False
9/4/2011 3:53:05 AM	6019EFA8-1657-42AF...	F57633B0-969C-44B7...	86A2D9CD-9F5E-4FFE...	7EA674D9-EB9D-4CE...	/srv/user_paintings/u...	False
11/11/2017 7:57:24 AM	F3BDB8D5-7B8A-47E...	2AD8D839-9C7F-468...	753CB0D6-240A-49E...	35EEB5A1-670A-46A...	/srv/user_paintings/u...	True

<div><div><div></div></div><div>user_paintings</div></div> <div>Date Added (User ...</div>	<div><div><div></div></div><div>user_paintings</div></div> <div>Date Last Updated...</div>	<div>Abc</div> <div>user_source_files</div> <div>User Source File L...</div>	<div>Abc</div> <div>user_source_files</div> <div>User Id (User Sour...</div>	<div>Abc</div> <div>user_source_files</div> <div>File Location (Use...</div>	<div>Abc</div> <div>user_source_files</div> <div>Blocks File Location</div>	<div>#</div> <div>user_source_files</div> <div>Fractal Dimension</div>
11/8/2004 7:46:42 AM	11/11/2006 7:57:24 AM	5EAC02F8-1AA5-4646...	072BA068-3256-46E7...	/srv/source_files/usf0	/srv/blocks_files/usf0	1.670000
8/17/2014 7:15:53 PM	11/11/2017 7:57:24 AM	F02E5204-ECAD-41C4...	A67D93F5-D24C-458...	/srv/source_files/usf1	/srv/blocks_files/usf1	1.910000
9/4/2006 3:53:05 AM	9/4/2007 3:53:05 AM	DFF03454-D205-4D5...	1374801C-B520-4A55...	/srv/source_files/usf2	/srv/blocks_files/usf2	1.340000
4/10/2007 5:13:14 AM	4/10/2008 5:13:01 AM	86A2D9CD-9F5E-4FFE...	7EA674D9-EB9D-4CE...	/srv/source_files/usf3	/srv/blocks_files/usf3	1.560000
1/29/2009 4:45:45 AM	10/21/2019 12:00:00 ...	753CB0D6-240A-49E...	35EEB5A1-670A-46A...	/srv/source_files/usf4	/srv/blocks_files/usf4	1.890000

<div><div><div></div></div><div>user_source_files</div></div> <div>Date Added (User ...</div>	<div><div><div></div></div><div>user_source_files</div></div> <div>Date Last Updated...</div>	<div>Abc</div> <div>users</div> <div>User Id</div>	<div>Abc</div> <div>users</div> <div>User Account</div>	<div>Abc</div> <div>users</div> <div>Password</div>	<div>Abc</div> <div>users</div> <div>First Name</div>	<div>Abc</div> <div>users</div> <div>Last Name</div>
9/13/2004 11:27:50 AM	8/17/2014 7:15:53 PM	072BA068-3256-46E7...	example123	23478207027842073...	Dave	Lent
11/11/2017 7:57:24 AM	4/10/2013 5:13:14 AM	A67D93F5-D24C-458...	admin	\$2b\$10\$ilarA2jX6Zai...	Jessy	Kent
2/22/2008 6:08:15 PM	11/11/2017 7:57:24 AM	1374801C-B520-4A55...	fc@yahoo.com	23447674760702784...	George	Diez
12/22/2009 10:34:32 ...	9/4/2011 3:53:05 AM	7EA674D9-EB9D-4CE...	kjl8w	23478207027842078...	Jessica	Brant
2/22/2008 6:08:15 PM	1/29/2005 4:45:45 AM	35EEB5A1-670A-46A...	gg@gmail.com	23478207056856740...	Felix	Kant

<div>Abc</div> <div>users</div> <div>Email</div>	<div>Abc</div> <div>users</div> <div>Account Type</div>	<div>T F</div> <div>users</div> <div>Admin Flag</div>	<div><div><div></div></div><div>users</div></div> <div>Last Login</div>	<div><div><div></div></div><div>users</div></div> <div>Date Added</div>	<div><div><div></div></div><div>users</div></div> <div>Date Last Updated</div>	<div>T F</div> <div>users</div> <div>Active Flag</div>
example@gmail.com	Google	False	8/17/2014 7:15:53 PM	2/27/2002 9:14:05 PM	12/22/2009 10:34:32 ...	True
ex@gmail.com	Default	True	11/11/2017 7:57:24 AM	3/22/2014 5:24:48 PM	11/11/2017 7:57:24 AM	True
fc@yahoo.com	Facebook	False	12/22/2009 10:34:32 ...	5/20/2006 5:03:43 PM	2/22/2008 6:08:15 PM	True
example@hotmail.com	Marist	True	9/4/2011 3:53:05 AM	3/12/2003 2:55:17 AM	12/22/2009 10:34:32 ...	True
gg@gmail.com	Google	False	11/11/2017 7:57:24 AM	8/5/2008 10:22:49 PM	11/11/2017 7:57:24 AM	True

SQL:

CREATE STATEMENTS:

-- Need to add uuid-osp extension to generate uuid's

--CREATE EXTENSION "uuid-osp";

```
CREATE TABLE users(  
    user_id UUID DEFAULT uuid_generate_v4() PRIMARY KEY,  
    user_account TEXT NOT NULL UNIQUE, -- account identifier  
    password TEXT NOT NULL, -- Password hash or token  
    first_name TEXT NOT NULL,  
    last_name TEXT,  
    email TEXT NOT NULL,  
    account_type TEXT NOT NULL,  
    admin_flag BOOLEAN DEFAULT 'f' NOT NULL,  
    last_login TIMESTAMPTZ DEFAULT NOW() NOT NULL,  
    date_added TIMESTAMPTZ DEFAULT NOW() NOT NULL,  
    date_last_updated TIMESTAMPTZ DEFAULT NOW(),  
    active_flag BOOLEAN DEFAULT 't' NOT NULL  
);  
  
CREATE TABLE paintings(  
    painting_id UUID DEFAULT uuid_generate_v4() PRIMARY KEY,  
    file_location TEXT,  
    fractal_dimension NUMERIC, -- Null means it needs to be calculated  
    -- Metadata for painting may be null ... be aware of this on front-end  
    name TEXT,  
    painter TEXT,  
    year_created TEXT,  
    -- End of metadata
```

```

        date_added TIMESTAMPTZ DEFAULT NOW() NOT NULL,
        date_last_updated TIMESTAMPTZ DEFAULT NOW() NOT NULL
    );

CREATE TABLE user_source_files(
    user_source_file_id uuid DEFAULT uuid_generate_v4() PRIMARY KEY,
    user_id UUID NOT NULL REFERENCES users(user_id) ON DELETE RESTRICT, -- Referential
integrity constraint
    file_location TEXT,
    blocks_file_location TEXT,
    fractal_dimension NUMERIC, -- Null means it needs to be calculated
    date_added TIMESTAMPTZ DEFAULT NOW() NOT NULL,
    date_last_updated TIMESTAMPTZ DEFAULT NOW() NOT NULL
);

CREATE TABLE user_paintings(
    user_painting_id UUID DEFAULT uuid_generate_v4() PRIMARY KEY,
    painting_id UUID NOT NULL REFERENCES paintings(painting_id) ON DELETE RESTRICT,
-- Referential integrity constraint
    user_source_file_id UUID NOT NULL REFERENCES user_source_files(user_source_file_id)
ON DELETE RESTRICT, -- Referential integrity constraint
    user_id UUID NOT NULL REFERENCES users(user_id) ON DELETE RESTRICT, --
Referential integrity constraint
    file_location TEXT,
    watermark_flag BOOLEAN DEFAULT 't' NOT NULL,
    date_added TIMESTAMPTZ DEFAULT NOW() NOT NULL,
    date_last_updated TIMESTAMPTZ DEFAULT NOW() NOT NULL
);

```

EXAMPLE DATA INSERT STATEMENTS:

```
INSERT INTO USERS(user_id, user_account, password, first_name, last_name, email, account_type,
admin_flag, last_login, date_added, date_last_updated) VALUES
('072ba068-3256-46e7-9138-5f454b92b81e', 'example123', '23478207027842073230762374023', 'Dave',
'Lent', 'example@gmail.com', 'Google', false, '2014-08-17 19:15:53', '2002-02-27 21:14:05', '2009-12-22
10:34:32'),
('a67d93f5-d24c-458e-b090-ada03e10936e', 'admin',
'$2b$10$ilarA2jX6ZaiZwRne3I2ROG3fELZiC921QhVLzFL5WMjkjOD.1nkq', 'Jessy', 'Kent',
'ex@gmail.com', 'Default', true, '2017-11-11 07:57:24', '2014-03-22 17:24:48', '2017-11-11 07:57:24'),
('1374801c-b520-4a55-aecc-b841930a05d4', 'fc@yahoo.com', '234476747607027842073230762374023',
'George', 'Diez', 'fc@yahoo.com', 'Facebook', false, '2009-12-22 10:34:32', '2006-05-20 17:03:43',
'2008-02-22 18:08:15'),
('7ea674d9-eb9d-4ce4-9da9-0d0c50bfe55f', 'kjl8w', '2347820702784207865742374023', 'Jessica', 'Brant',
'example@hotmail.com', 'Marist', true, '2011-09-04 03:53:05', '2003-03-12 02:55:17', '2009-12-22
10:34:32'),
('35eeb5a1-670a-46a6-ad9c-567d23fd339b', 'gg@gmail.com', '2347820705685674073230762374023',
'Felix', 'Kant', 'gg@gmail.com', 'Google', false, '2017-11-11 07:57:24', '2008-08-05 22:22:49', '2017-11-11
07:57:24')
;

INSERT INTO PAINTINGS(painting_id, file_location, fractal_dimension, name, painter, year_created,
date_added, date_last_updated) VALUES
('afbbadc3-d088-46b6-bbef-66494a659e7f', '/srv/paintings/p0', 1.26, 'Mona Lisa', 'Leonard Da Vinci',
'1557', '2000-11-21 05:37:50', '2005-01-29 04:45:45'),
```

('8eea83d0-5ff8-42bf-8b19-aa584b904a3d', '/srv/paintings/p1', 1.22, 'The Starry Night', 'Vincent Van Gogh', '1889', '2001-12-13 20:06:52', '2016-11-08 07:46:42'),
('2aec4b7-f48a-4692-b972-890f20038031', '/srv/paintings/p2', 1.67, 'The Scream', 'Edvard Munch', '1893', '2002-10-22 12:40:50', '2008-12-13 20:06:52'),
('f57633b0-969c-44b7-b859-6dad96ceae0', '/srv/paintings/p3', 1.43, 'The Night Watch', 'Rembrandt', '1642', '2003-06-20 13:22:52', '2011-09-04 03:53:05'),
('2ad8d839-9c7f-4682-8740-64b6413b3254', '/srv/paintings/p4', 1.87, 'The Creation of Adam', 'Michelangelo', '1512', '2002-11-29 19:01:43', '2017-11-11 07:57:24')

;

INSERT INTO USER_SOURCE_FILES(user_source_file_id, file_location, blocks_file_location, fractal_dimension, user_id, date_added, date_last_updated) VALUES

('5eac02f8-1aa5-4646-944d-6dd46827659c', '/srv/source_files/usf0', '/srv/blocks_files/usf0', 1.67, '072ba068-3256-46e7-9138-5f454b92b81e', '2004-09-13 11:27:50', '2014-08-17 19:15:53'),
('f02e5204-ecad-41c4-a344-37d8fadca447', '/srv/source_files/usf1', '/srv/blocks_files/usf1', 1.91, 'a67d93f5-d24c-458e-b090-ada03e10936e', '2017-11-11 07:57:24', '2013-04-10 05:13:14'),
('dff03454-d205-4d57-8074-55b9019e7e02', '/srv/source_files/usf2', '/srv/blocks_files/usf2', 1.34, '1374801c-b520-4a55-aecc-b841930a05d4', '2008-02-22 18:08:15', '2017-11-11 07:57:24'),
('86a2d9cd-9f5e-4ffe-b0cf-c64a0c9ab7ae', '/srv/source_files/usf3', '/srv/blocks_files/usf3', 1.56, '7ea674d9-eb9d-4ce4-9da9-0d0c50bfe55f', '2009-12-22 10:34:32', '2011-09-04 03:53:05'),
('753cb0d6-240a-49e6-a07b-13430a902743', '/srv/source_files/usf4', '/srv/blocks_files/usf4', 1.89, '35eeb5a1-670a-46a6-ad9c-567d23fd339b', '2008-02-22 18:08:15', '2005-01-29 04:45:45')

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INSERT INTO USER_PAINTINGS(user_painting_id, file_location, painting_id, user_source_file_id, user_id, date_added, watermark_flag, date_last_updated) VALUES

('cd7870b2-2d4d-4ff9-9801-05c6fa7c44a8', '/srv/user_paintings/up0', 'afbbadc3-d088-46b6-bbef-66494a659e7f', '5eac02f8-1aa5-4646-944d-6dd46827659c', '072ba068-3256-46e7-9138-5f454b92b81e', '2004-11-08 07:46:42', true, '2006-11-11 07:57:24'),

('55ce7670-ccd5-4fc7-9b88-6cdc0743d9ee', '/srv/user_paintings/up1',
'8eea83d0-5ff8-42bf-8b19-aa584b904a3d', 'f02e5204-ecad-41c4-a344-37d8fadca447',
'a67d93f5-d24c-458e-b090-ada03e10936e', '2014-08-17 19:15:53', true, '2017-11-11 07:57:24'),
('b93fc5cc-32aa-459e-9008-2e9b513df827', '/srv/user_paintings/up2',
'2aec4b7-f48a-4692-b972-890f20038031', 'dff03454-d205-4d57-8074-55b9019e7e02',
'1374801c-b520-4a55-aecc-b841930a05d4', '2006-09-04 03:53:05', false, '2007-09-04 03:53:05'),
('6019efa8-1657-42af-bdba-f7075a0d99b6', '/srv/user_paintings/up3',
'f57633b0-969c-44b7-b859-6dad96ceae0', '86a2d9cd-9f5e-4ffe-b0cf-c64a0c9ab7ae',
'7ea674d9-eb9d-4ce4-9da9-0d0c50bfe55f', '2007-04-10 05:13:14', false, '2008-04-10 05:13:1'),
('f3bdb8d5-7b8a-47ed-9ef3-ee375a928abe', '/srv/user_paintings/up4',
'2ad8d839-9c7f-4682-8740-64b6413b3254', '753cb0d6-240a-49e6-a07b-13430a902743',
'35eeb5a1-670a-46a6-ad9c-567d23fd339b', '2009-01-29 04:45:45', true, '20014-08-05 22:22:49')
;