Database Design and Implementation

By Team 3

Team Members

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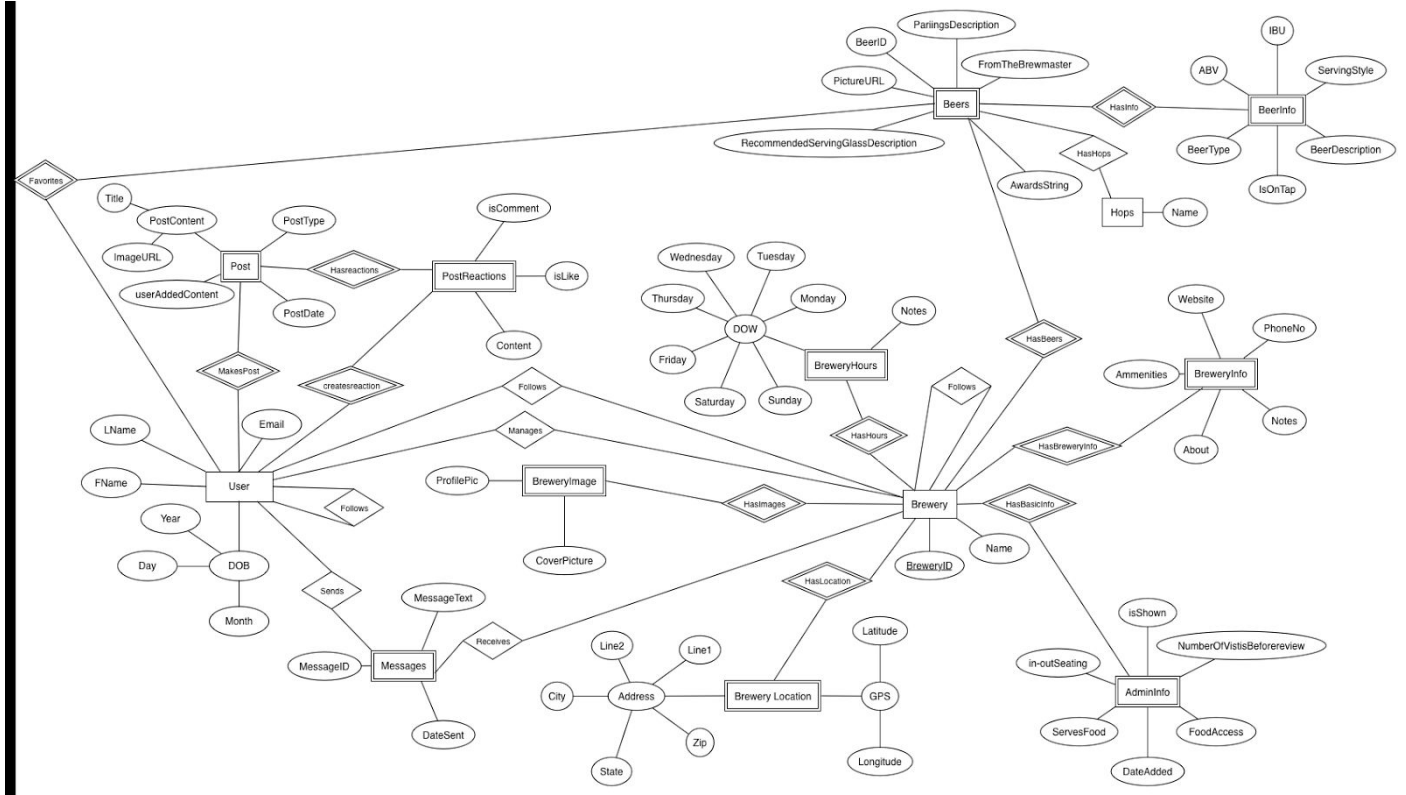# Database Design

Entity Relationship Diagram

Table Diagram

	Cardinality	
Entity 1: R	Relationship	Entity 2: R
User: N	Manages	Brewery: M
User: M	Follows	Brewery: M
User: N	Favorites	Beers: M
User: N	Sends	Messages: M
Brewery: 1	HasLocation	Brewery Location: M
Brewery: N	Receives	Messages: M

Brewery: 1	Has	Beers: M

Brewery Table - CREATED

BreweryID	AUTONUM UNIQUE PRIMARY KEY NOT NULL	Unique key to identify brewery
Name	Text NOT NULL	The name of the brewery
ServesFood	Bool	Will the brewery have a kitchen
in-outSeating	Bool	Is there seating
DateAdded	Date	The day the brewery signed up
FoodAccess	Bool	Will there be access to food (e.g. food trucks)
Website	Text	Link to the brewery's website
PhoneNo	Char(10)	Brewery's phone number
Amenities	Text	Any special amenities offered
About	Text	Description of brewery
Notes	Text	Notes about brewery
ProfilePicURL	Text	Brewery's profile picture
CoverPicURL	Text	Brewery's cover photo
OwnerEmail	Text FOREIGN KEY	Brewery owner's email link to user
Hours	Text	Brewery hours

User Table - CREATED

Email	Text UNIQUE PRIMARY KEY	The email of the user. This is obtained on sign up
Password	Text NOT NULL	The user password.
FName	Text NOT NULL	The user's first name
LName	Text NOT NULL	The user's last name
DOB	Date	The date of birth for the user. The

		user must be older than 21. Used to determine age by function. yyyy-mm-dd
ProfilePicURL	Text	Location of where their profile picture is stored.

Beers - CREATED

beerID	Text UNIQUE PRIMARY KEY	Unique identifier of the beer. Aut increments as more are added
beerName	Text	Name of beer provided from brewery
fromtheBrewmaster	Text	Personal notes from the chef
pairingsDescription	Text	Noted food pairings that could go well with the beer taster
pictureURL	Text	URL of the beer image
recommendedServinGlass	Text	Type of glass the beer is to be served in; goblet, pint, taster, etc
awards	Text	Awards given to the beer, kept in a string
servingStyle	Text	Nitro or CO2 or Helium
ibu	INT	Bitterness number. Usually between 0 and 300
abv	DOUBLE	Percent of alcohol by volume
breweryID*	INT AUTONUM FOREIGN KEY	Brewery that makes the beer

BreweryLocation - CREATED

BreweryID*	AUTONUM FOREIGN KEY	From the brewery table
locationID	AUTONUM UNIQUE	Unique identifier of the location reference
Lat	Float	Latitude of the brewery
Lng	Float	Longitude GPS coordinate of the brewery

AddrLineOne	Text NOT NULL	Street address of the brewery
AddrLineTwo	Text	May be null. Usually can be a business address
City	Text NOT NULL	City of address
State	Char(2) NOT NULL	State Abbreviation of address
Zip	Char(5) NOT NULL	Zip code, 5 digit number

Post - CREATED

UserEmail*	Text FOREIGN KEY NOT NULL	User's email for post identification
DatePosted	DATE UNIQUE NOT NULL	Date the post was made
TextContent	Text NOT NULL	Contents of the post

BreweryOwner - CREATED

OwnerID	INT PRIMARY KEY NOT NULL	Owner ID to identify owner
BreweryID	FOREIGN KEY NOT NULL	Brewery ID to identify the brewery being owned
UserEmail	FOREIGN KEY NOT NULL	User's email to identify owner of brewery

UserFollowsBrewery - CREATED

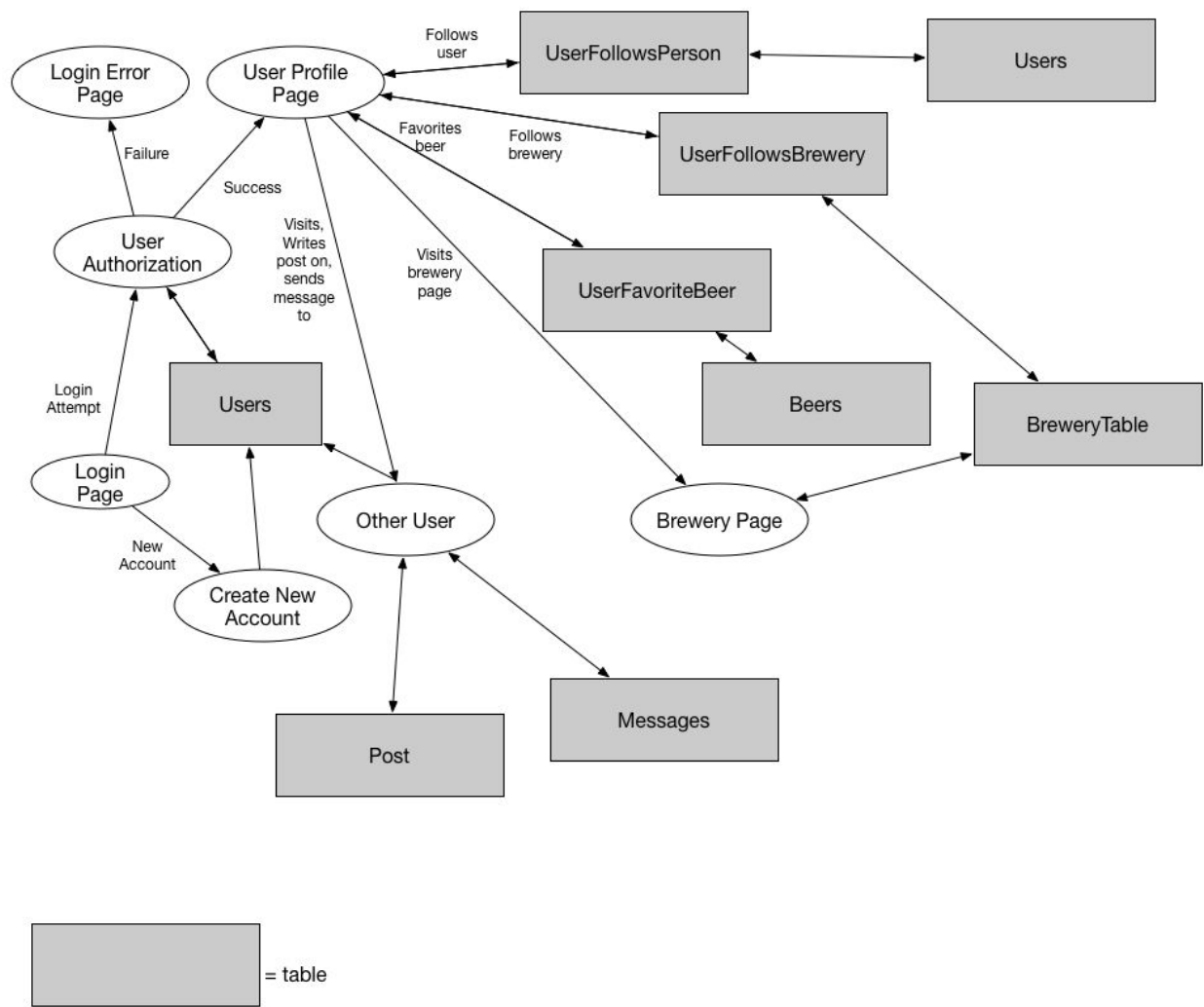| isFollowing	BOOL PRIMARY KEY NOT NULL	Check if user is following brewery
userEmail	Text FOREIGN KEY NOT NULL	User that is following brewery
BreweryID	INT FOREIGN KEY NOT NULL	Brewery identifier being followed

UserFollowsPerson - CREATED

isFollowing	BOOL PRIMARY KEY NOT NULL	Check if user is following that user already
userEmail	FOREIGN KEY NOT NULL	User that will be following another

userEmail	FOREIGN KEY NOT NULL	User to be followed

UserFavoritesBeer - CREATED

isFavorited	BOOL PRIMARY KEY NOT NULL	Has the user favorited the beer
UserEmail	FOREIGN KEY NOT NULL	User that will favorite beer
beerID	FOREIGN KEY NOT NULL	Beer to be favorited

Information Flow Diagram

= table

Database Implementation

Views:

```
//To automatically check if a user is over 21 years of age
CREATE VIEW
        valid_Users AS
SELECT
        p.Email,
        CONCAT(p.FName, ' ', p.LName) AS Name,
        p.DOB AS Birthdate,
        (DATE_FORMAT(FROM_DAYS(TO_DAYS(NOW()) - TO_DAYS(p.DOB))), '%Y') + 0) AS
Current_Age
FROM
        Users p
WHERE
        ((DATE_FORMAT(FROM_DAYS(TO_DAYS(NOW()) - TO_DAYS(p.DOB))), '%Y') + 0) > 21);

//To get all beers greater than 10 ABV
CREATE VIEW
        DrunkAF AS
SELECT
        beerName, ABV
FROM
        Beers
WHERE
        ABV >= 10;
```

Tables:

```
//Beers Table
CREATE TABLE `Beers` (
 `BeerID` int(11) NOT NULL auto_increment,
 `BeerName` text NOT NULL,
 `FromTheBrewmaster` text,
 `PairingsDescription` text,
 `PictureURL` text,
 `RecommendedServingGlass` text,
 `Awards` text,
 `ServingStyle` varchar(10) default NULL,
 `IBU` int(11) default NULL,
 `ABV` double default NULL,
```

```
  `BreweryID` int(11) default NULL,
  `BeerType` text,
  `OnTap` char(1) default 'T',
  `BeerDescription` text,
  PRIMARY KEY  (`BeerID`),
  KEY `breweryID` (`BreweryID`),
  CONSTRAINT `Beers_ibfk_1` FOREIGN KEY (`BreweryID`) REFERENCES `BreweryTable`
(`BreweryID`)
)

//Brewery Location
CREATE TABLE `BreweryLocation` (
  `LocationID` int(11) NOT NULL auto_increment,
  `BreweryID` int(11) NOT NULL,
  `Lat` float default NULL,
  `Lng` float default NULL,
  `AddrLineOne` text NOT NULL,
  `AddrLineTwo` text NOT NULL,
  `City` text NOT NULL,
  `State` char(2) NOT NULL default '',
  `Zip` char(5) NOT NULL default '',
  PRIMARY KEY  (`LocationID`),
  KEY `breweryID` (`BreweryID`),
  CONSTRAINT `BreweryLocation_ibfk_1` FOREIGN KEY (`BreweryID`) REFERENCES
`BreweryTable` (`BreweryID`)
)

//Brewery Owner
CREATE TABLE `BreweryOwner` (
  `OwnerID` int(11) NOT NULL auto_increment,
  `UserEmail` varchar(50) NOT NULL default '',
  `BreweryID` int(11) NOT NULL,
  PRIMARY KEY  (`OwnerID`),
  KEY `UserEmail` (`UserEmail`),
  KEY `BreweryID` (`BreweryID`),
  CONSTRAINT `BreweryOwner_ibfk_1` FOREIGN KEY (`UserEmail`) REFERENCES `Users`
(`Email`),
  CONSTRAINT `BreweryOwner_ibfk_2` FOREIGN KEY (`BreweryID`) REFERENCES
`BreweryTable` (`BreweryID`)
)

//BreweryTable
```

```sql
CREATE TABLE `BreweryTable` (
  `BreweryID` int(11) NOT NULL auto_increment,
  `BreweryName` varchar(30) NOT NULL,
  `ServesFood` tinyint(1) default NULL,
  `InOutSeating` tinyint(1) default NULL,
  `DateAdded` date default NULL,
  `FoodAccess` tinyint(1) default NULL,
  `Website` varchar(100) default NULL,
  `PhoneNo` varchar(15) default NULL,
  `Amenities` text,
  `About` text,
  `Notes` text,
  `ProfilePicURL` varchar(255) default NULL,
  `CoverPicURL` varchar(255) default NULL,
  `Hours` text,
  PRIMARY KEY  (`BreweryID`)
)

//DaBosses - Creators
CREATE TABLE `DaBosses` (
  `PersonID` int(11) unsigned NOT NULL auto_increment,
  `LastName` varchar(255) NOT NULL default '',
  `FirstName` varchar(255) NOT NULL default '',
  `Address` varchar(255) default NULL,
  `City` varchar(255) default NULL,
  PRIMARY KEY  (`PersonID`)
)

//Messages
CREATE TABLE `Messages` (
  `MessageID` int(11) NOT NULL auto_increment,
  `MessageText` text NOT NULL,
  `DateSent` date NOT NULL,
  `UserEmail` varchar(50) default NULL,
  `BreweryID` int(11) default NULL,
  `OtherUserEmail` varchar(50) default NULL,
  `OtherBrewerID` int(11) default NULL,
  PRIMARY KEY  (`MessageID`),
  KEY `UserEmail` (`UserEmail`),
  KEY `BreweryID` (`BreweryID`),
  CONSTRAINT `Messages_ibfk_1` FOREIGN KEY (`UserEmail`) REFERENCES `Users`
(`Email`),
  CONSTRAINT `Messages_ibfk_2` FOREIGN KEY (`BreweryID`) REFERENCES
```

```
`BreweryTable` (`BreweryID`)
)

//Post
CREATE TABLE `Post` (
  `auto_ID` int(11) NOT NULL auto_increment,
  `UserEmail` varchar(30) NOT NULL,
  `PostDate` datetime default NULL,
  `TextContent` varchar(255) default NULL,
  PRIMARY KEY  (`auto_ID`,`UserEmail`)
) ;

//PostComments
CREATE TABLE `PostComments` (
  `UserEmail` varchar(30) NOT NULL,
  `IsComment` tinyint(1) default NULL,
  `IsLike` tinyint(1) default NULL,
  `TextContent` text,
  PRIMARY KEY  (`UserEmail`)
) ;

//UserFavoritesBeer
CREATE TABLE `UserFavoritesBeer` (
  `UserEmail` varchar(30) NOT NULL,
  `BeerID` int(11) NOT NULL,
  PRIMARY KEY  (`UserEmail`,`BeerID`),
  KEY `BeerID` (`BeerID`),
  CONSTRAINT `UserFavoritesBeer_ibfk_1` FOREIGN KEY (`UserEmail`) REFERENCES
`Users` (`Email`),
  CONSTRAINT `UserFavoritesBeer_ibfk_2` FOREIGN KEY (`BeerID`) REFERENCES `Beers`
(`BeerID`)
)

//User Follows Brewery
CREATE TABLE `UserFollowsBrewery` (
  `UserEmail` varchar(30) NOT NULL,
  `BreweryID` int(11) NOT NULL,
  KEY `UserEmail` (`UserEmail`),
  KEY `BreweryID` (`BreweryID`),
  CONSTRAINT `UserFollowsBrewery_ibfk_1` FOREIGN KEY (`UserEmail`) REFERENCES
`Users` (`Email`),
  CONSTRAINT `UserFollowsBrewery_ibfk_2` FOREIGN KEY (`BreweryID`) REFERENCES
```

```
`BreweryTable` (`BreweryID`)
) ;

//Users
CREATE TABLE `Users` (
  `Email` varchar(50) NOT NULL default '',
  `Password` varchar(30) NOT NULL default '',
  `FName` varchar(30) NOT NULL,
  `LName` varchar(30) NOT NULL,
  `DOB` date default NULL,
  `ProfilePicURL` varchar(200) default
'http://gagnons.com/media/wysiwyg/blank-profile-_bowtie.png',
  `IsActive` char(1) default 'Y' COMMENT 'To determine if the user is active or not.',
  `LastLogin` date default NULL,
  PRIMARY KEY  (`Email`)
) ;

//UserFollowsUser
CREATE TABLE `UserFollowsUser` (
  `ID` int(11) NOT NULL auto_increment,
  `UserEmail` text NOT NULL,
  `OtherUserEmail` text NOT NULL,
  PRIMARY KEY  (`ID`),
  UNIQUE KEY `ID_UNIQUE` (`ID`)
)
```

Populated Tables

1. Users

2. Beers:

	BeerID	BeerName		Recommend…	ServingStyle	IBU	ABV	BreweryID	BeerType	OnTap	BeerDescription
1	3	El Sully	…	Pint	CO2	19	4.8	38	BeerType	T	Con el sol en los ojos, no veamos bien, pero t
2	4	Brew Free! Or Die IPA	…	Pint	CO2	70	7	34	BeerType	T	BREW FREE! OR DIE IPA is brewed with some seric
3	5	Back in Black	…	Pint	CO2	65	6.8	46	BeerType	T	Inspired by Paul Revereys midnight ride, we ret
4	7	Hell or High Watermelon	…	Pint	CO2	17	4.9	6	BeerType	T	Like Lady Liberty, we stand for independence ar
5	8	Fireside Chat	…	Pint	CO2	45	7.9	65	BeerType	T	Like FDRys Depression-era radio addresses, whic
6	9	Hopski	…	Pint	CO2	<null>	5	29	BeerType	T	This traditional style lager is wonderfully bal
7	10	Blondie	…	Pint	CO2	<null>	6	60	BeerType	T	This golden goddess is cousin to our "Groupie"
8	11	Strawberry Blondie	…	Pint	CO2	<null>	6	41	BeerType	T	We add 250 pounds of fresh local strawberries t
9	12	Rock Out With your Vienna Out	…	Pint	CO2	<null>	6	30	BeerType	T	Our light bodied and refreshing Vienna lager wa
10	13	Witte Snake	…	Pint	CO2	<null>	4.5	55	BeerType	T	Aromas of citrus shine through on the nose whi
11	14	The Groupie	…	Pint	CO2	<null>	8	42	BeerType	T	This Golden colored ale is medium bodied, well
12	15	Mad Dub	…	Pint	Nitro	<null>	7	19	BeerType	T	This complex brown ale has aromas of chocolate
13	18	Horny Devil	… …	Goblet / Tulip	… CO2	25	10	55	BeerType	T	Horny Devil is our interpretation of a Belgian-
14	20	Lil/ Devil	… …	Goblet / Tulip	… CO2	24	5.75	42	BeerType	T	AleSmith Lily Devil is an unfiltered Belgian-St
15	21	Nut Brown Ale	… …	Pint	… CO2	17	5	49	BeerType	T	AleSmith Nut Brown is a tribute to one of our f
16	22	San Diego Pale Ale .394	…	Pint	CO2	26	6	67	BeerType	T	In early 2014, Tony Gwynnys team approached Ale
17	26	X-Extra Pale Ale	… …	Pint	CO2	35	5.25	37	BeerType	T	This refreshing, light-golden Extra Pale Ale en
18	28	Evil Dead Red	… …	Pint	CO2	24	6.66	60	BeerType	T	Each Halloween we release this special concocti
19	29	My Bloody Valentine	… …	Sniffer or Over…	CO2	24	6.66	4	BeerType	T	Donyt spend this Single Awareness Day alone n g
20	30	Private Stock Ale	…	Pint	CO2	25	11	15	BeerType	T	Originally brewed in 2005 as the first in our a
21	33	Barrel-Aged Grand Cru	…	Pint	CO2	<null>	10	29	BeerType	T	AleSmith Barrel-Aged Grand Cru Belgian-Style Al

3. BreweryLocation

	LocationID	BreweryID	Lat	Lng	AddrLineOne	AddrLineTwo	City	State	Zip
1	2	2	32.8886	-117.149	9990 Alesmith Ct		San Diego	CA	92126
2	3	3	32.7918	-117.254	4150 Mission Blvd		San Diego	CA	92109
3	4	4	33.1402	-117.274	5621 Palmer Way Ste C		Carlsbad	CA	92010
4	5	5	32.7635	-117.12	3416 Adams Ave		San Diego	CA	92116
5	6	6	33.1497	-117.23	2330 La Mirada Dr Ste 300		Vista	CA	92081
6	7	7	33.2	-117.245	15 Main St # 100		Vista	CA	92083
7	8	8	33.1892	-117.374	601 S Coast Hwy		Oceanside	CA	92054
8	10	10	33.1485	-117.221	2575 Pioneer Ave Ste 104		Vista	CA	92081
9	11	11	32.7546	-117.13	4223 30th St		San Diego	CA	92104
10	12	12	33.145	-117.229	980 Park Center Dr Ste A		Vista	CA	92081
11	13	13	32.7873	-117.102	6190 Fairmont Ave		San Diego	CA	92120
12	14	14	32.8466	-116.958	10960 Wheatlands Ave Ste 101		Santee	CA	92071
13	15	15	33.1482	-117.218	2545 Progress St Ste D		Vista	CA	92081
14	16	16	33.195	-117.379	101 N Coast Hwy		Oceanside	CA	92054
15	17	17	32.8321	-116.98	9962 Prospect Ave		Santee	CA	92071
16	18	18	32.9122	-117.148	8111 Mira Mesa Blvd		San Diego	CA	92126
17	19	19	32.6978	-117.173	170 Orange Ave		San Diego	CA	92118
18	20	20	32.8343	-117.154	7705 Convoy Ct		San Diego	CA	92111
19	21	21	32.9916	-117.271	111 S Cedros Ave		Solana Beach	CA	92075
20	22	22	33.1369	-117.193	1241 Linda Vista Dr		Carlsbad	CA	92078
21	23	23	33.3827	-117.252	136 N Main Ave		Fallbrook	CA	92028

4. BreweryOwner

	OwnerID	UserEmail	BreweryID
1	2	Tizz4President2032@beerhopper.me	2
2	3	Tizz4President2032@beerhopper.me	3
3	4	Tizz4President2032@beerhopper.me	4
4	5	Tizz4President2032@beerhopper.me	5
5	6	Tizz4President2032@beerhopper.me	6
6	7	Tizz4President2032@beerhopper.me	7
7	8	Tizz4President2032@beerhopper.me	8
8	10	Tizz4President2032@beerhopper.me	10
9	11	Tizz4President2032@beerhopper.me	11
10	12	Tizz4President2032@beerhopper.me	12
11	13	Tizz4President2032@beerhopper.me	13
12	14	Tizz4President2032@beerhopper.me	14
13	15	Tizz4President2032@beerhopper.me	15
14	16	Tizz4President2032@beerhopper.me	16
15	17	Tizz4President2032@beerhopper.me	17
16	18	Tizz4President2032@beerhopper.me	18
17	19	Tizz4President2032@beerhopper.me	19
18	20	Tizz4President2032@beerhopper.me	20
19	21	Tizz4President2032@beerhopper.me	21
20	22	Tizz4President2032@beerhopper.me	22
21	23	Tizz4President2032@beerhopper.me	23

5. BreweryTable

	BreweryID	BreweryName	ServesFood	InOutSeating	DateAdded	FoodAccess	Website	PhoneNo	Amenities
1	2	AleSmith Brewing Company	<null>	<null>	2016-01-22	<null>	http://alesmith.com/	(858) 549-9888	<null>
2	3	Amplified Ale Works	1	1	2016-01-22	1	http://www.amplifiedales.com/	(858) 270-5222	<null>
3	4	Arcana Brewing	<null>	<null>	2016-01-22	<null>	http://www.arcanabrewing.com/	(909) 529-2337	<null>
4	5	Automatic Brewing Co.	<null>	<null>	2016-01-22	<null>	http://www.automaticbrewingco.com	(619) 255-2491	<null>
5	6	Aztec Brewery	<null>	<null>	2016-01-20	<null>	http://www.aztecbrewery.com/home.html	(760) 598-7720	<null>
6	7	BackStreet Brewery	<null>	1	2016-01-22	<null>	http://www.backstreetbrew.com	(760) 407-7600	<null>
7	8	Bagby Beer Company	1	1	2016-01-22	<null>	https://www.bagbybeer.com	(760) 270-9075	<null>
8	10	Barrel Harbor	<null>	<null>	2016-01-22	<null>	http://barrelharborbrewing.com	(760) 734-3949	<null>
9	11	Belching Beaver Brewery	<null>	<null>	2016-01-22	<null>	<null>	(619) 282-1062	<null>
10	12	Belching Beaver Brewing Co.	<null>	<null>	2016-01-20	<null>	http://belchinbeaver.com	(760) 599-5832	<null>

6. Messages

	MessageID	MessageText	DateSent	UserEmail	BreweryID	OtherUserEmail	OtherBrewerID
1	1	Test Message	2016-11-14	mikal.callahan@icloud.com	<null>	cl@cl.com	<null>
2	2	Does this work?	2016-11-14	mikal.callahan@icloud.com	<null>	jstngoulet@me.com	<null>
3	3	Hey myles how goes it?	2016-11-14	mikal.callahan@icloud.com	<null>	merri031@cougars.csusm.edu	<null>
4	4	Austin	2016-11-14	mikal.callahan@icloud.com	<null>	mille271@cougars.csusm.edu	<null>
5	5	Know what's funny?	2016-11-14	mille271@cougars.csusm.edu	<null>	jstngoulet@me.com	<null>
6	6	What?	2016-11-14	jstngoulet@me.com	<null>	mille271@cougars.csusm.edu	<null>
7	7	Nothing	2016-11-14	mille271@cougars.csusm.edu	<null>	jstngoulet@me.com	<null>
8	8	Stop	2016-11-14	jstngoulet@me.com	<null>	mille271@cougars.csusm.edu	<null>
9	9	Why am I doing this?	2016-11-14	mille271@cougars.csusm.edu	<null>	jstngoulet@me.com	<null>

7. Post

	auto_ID	UserEmail	PostDate	TextContent
1	2	merri031@cougars.csusm.edu	2016-11-04 00:00:00	Hello Beerhopper... Lets grab a beer.
2	3	mikal.callahan@icloud.com	2016-10-31 00:00:00	Its Halloween, let's go to Indian Joes!
3	4	mille271@cougars.csusm.edu	2016-11-06 00:00:00	Indian Joes is the bomb!
4	5	TimCook@apple.com	2016-11-12 00:00:00	Hey everyone! I love money, and dongles. My favorite cord is USB-C!
5	7	jstngoulet@me.com	2016-11-13 03:02:32	I like . . . salad

8. PostComments

	UserEmail	IsComment	IsLike	TextContent
1	cl@cl.com	1	0	I would like to drink this beer
2	JeffCarter@kings.com	1	0	Kings Rule!!
3	jstngoulet@me.com	1	0	Great
4	merri031@cougars.csusm.edu	1	0	Just putting a random comment on here
5	mikal.callahan@icloud.com	1	0	I love making comments, they are my favorites
6	mille271@cougars.csusm.edu	1	0	This is a comment

9. UserFavoritesBeer

	UserEmail	BeerID
1	cl@cl.com	104
2	jstngoulet@me.com	209
3	jstngoulet@me.com	210
4	jstngoulet@me.com	211

a.

10. UserFollowsBrewery

a.

11. UserFollowsUser

a.

SQL Statements for Pages

-Shows which queries will be used on specific pages

Login Page

//Check to see if the user exists
SELECT COUNT
  (u.Email)
FROM
  Users u
WHERE
  u.Email="User_trying_to_login";

//If it does exist, get the current password
SELECT
  Password
FROM
  Users u

```
WHERE
        u.Email="User_trying_to_login";
```

//Update the last time logged in for the user upon success

Create User Page

//Insert new user into the table - success if user email is not yet in DB
```
INSERT INTO
        Users (Email, Password, FName, LName, DOB, ProfilePicURL, IsActive)
VALUES
        ("cl@cl.com", "Pa551", "Chris", "Larsen", "2000-01-01","http://www.google.com",'Y');
```

//Check to see if the user is less than 21 (part of valid_users) - On submit
```
SELECT
        COUNT(*)
FROM
        valid_Users v
WHERE
        v.Email='jstngoulet@me.com';
```

Main Profile Page

//Get users followers
```
SELECT DISTINCT
        u.UserEmail, u.OtherUserEmail, them.ProfilePicURL, CONCAT(them.`FName`, ' ', them.`LName`)
AS 'Name'
FROM
        UserFollowsUser u, Users p, Users them
WHERE
        u.OtherUserEmail='jstngoulet@me.com' AND u.OtherUserEmail=p.Email AND
them.Email=u.UserEmail
LIMIT 3;
```

//Get breweries that user is following
```
SELECT DISTINCT
        BreweryName, ProfilePicURL, b.BreweryID, u.UserEmail
FROM
        BreweryTable b, UserFollowsBrewery u
WHERE
        u.BreweryID = b.BreweryID AND u.UserEmail ='jstngoulet@me.com'
GROUP BY
        u.BreweryID
LIMIT 3;
```

```
//Get favorite beers
SELECT
        BeerName, PictureURL
FROM
        Beers b, UserFavoritesBeer ub
WHERE
        u.UserEmail = 'jstngoulet@me.com';

//Get user profile picture, name
SELECT
        u.ProfilePicURL, CONCAT(u.`FName`,u.`LName`) AS 'UserName';
FROM
        Users u
WHERE
        u.Email='jstngoulet@me.com';
```

Main Brewery Page

```
//Get the brewery cover photo, profile picture, name, and location
SELECT DISTINCT
        b.CoverPicURL, b.ProfilePicURL, b.BreweryName, CONCAT(l.City, ', ', l.State) AS
Location
FROM
        BreweryTable b, BreweryLocation l
WHERE
        b.BreweryID=l.BreweryID AND BreweryID=29;

//Get the current beerlist from the brewery (BeerNames, Pic, and ID)
SELECT DISTINCT
        b.BeerID, b.ProfilePicURL, b.BeerName
FROM
        Beers b
WHERE
        b.breweryID=29;


//Get the people following the brewery (Profile Pic, Name, Email)
SELECT
        CONCAT(u.FName, '<br>', u.LName) AS UserName, u.ProfilePicURL, u.Email
FROM
        Users u, UserFollowsBrewery ub
WHERE
```

ub.UserEmail=u.Email AND ub.breweryID=29
LIMIT 3;