Database documentation

Server name:	127.0.0.1
Database name:	communityportal
Documentation date:	4/3/2020
Database size:	0
Database description:	

address

I F P	Column name	Data type	Nulls	Default	Description
	id	int	NO		
	country	varchar (45)	NO		
	city	varchar (45)	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE

Table definition

```
CREATE TABLE `address` (
`id` int(11) NOT NULL AUTO_INCREMENT,
`country` varchar(45) NOT NULL,
`city` varchar(45) NOT NULL,
PRIMARY KEY (`id`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

job

I F P	Column name	Data type	Nulls	Default	Description
I	id	int	NO		
	qualificationneeded	varchar (200)	NO		
	description	varchar (45)	NO		
	applybydate	varchar (45)	NO		
I F	User_id	int	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE
User_id	User_id	Ascending	Yes	BTREE

Foreign keys

Constraint name	Column name	Reference	Description
fk_User_id	User_id	id (user)	

Referencing tables

Table name	Foreign key	Primary key or unique constraint
user_has_job	fk_job_user_id	User_id

Table definition

```
CREATE TABLE `job` (
`id` int(11) NOT NULL AUTO_INCREMENT,
`qualificationneeded` varchar(200) NOT NULL,
`description` varchar(45) NOT NULL,
`applybydate` varchar(45) NOT NULL,
 `User_id` int(11) NOT NULL,
PRIMARY KEY (`id`) USING BTREE,
UNIQUE KEY `User_id` (`User_id`) USING BTREE,
CONSTRAINT `fk_User_id` FOREIGN KEY (`User_id`) REFERENCES `user` (`id`) ON UPDATE CASCADE
) ENGINE=InnoDB AUTO_INCREMENT=5 DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

login

I F P	Column name	Data type	Nulls	Default	Description
	id	int	NO		
	username	varchar (45)	YES	NULL	
	password	varchar (45)	YES	NULL	

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE

Table definition

```
CREATE TABLE `login` (
`id` int(11) NOT NULL AUTO_INCREMENT,
`username` varchar(45) DEFAULT NULL,
`password` varchar(45) DEFAULT NULL,
PRIMARY KEY (`id`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

message

I F P	Column name	Data type	Nulls	Default	Description
I	id	int	NO		
	subject	varchar (100)	NO		
I F	creator_id	int	NO		
	message_body	varchar (250)	NO		
	create_date	date	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE
creator_id	creator_id	Ascending	Yes	BTREE

Foreign keys

Constraint name	Column name	Reference	Description
fk_creator_id	creator_id	id (user)	

Referencing tables

Table name	Foreign key	Primary key or unique constraint
user_has_message	fk_message_user_id	creator_id

Table definition

```
CREATE TABLE `message` (
`id` int(11) NOT NULL AUTO_INCREMENT,
`subject` varchar(100) NOT NULL,
`creator_id` int(11) NOT NULL,
`message_body` varchar(250) NOT NULL,
`create_date` date NOT NULL,
PRIMARY KEY (`id`) USING BTREE,
UNIQUE KEY `creator_id` (`creator_id`) USING BTREE,
CONSTRAINT `fk_creator_id` FOREIGN KEY (`creator_id`) REFERENCES `user` (`id`) ON UPDATE CASCADE
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

profile

I F P	Column name	Data type	Nulls	Default	Description
	id	int	NO		
	education	varchar (45)	NO		
	company	varchar (45)	NO		
	experience	varchar (45)	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE

Table definition

```
CREATE TABLE `profile` (
`id` int(11) NOT NULL AUTO_INCREMENT,
`education` varchar(45) NOT NULL,
`company` varchar(45) NOT NULL,
`experience` varchar(45) NOT NULL,
PRIMARY KEY (`id`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

user

I F P	Column name	Data type	Nulls	Default	Description
I	id	int	NO		
	firstname	varchar (45)	NO		
	lastname	varchar (45)	NO		
I F	Usertype_id	int	NO		
I F	profile_id	int	NO		
I F	address_id	int	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE
Usertype_id	Usertype_id	Ascending	Yes	BTREE
profile_id	profile_id	Ascending	Yes	BTREE
address_id	address_id	Ascending	Yes	BTREE

Foreign keys

Constraint name	Column name	Reference	Description
fk_UserType_id	Usertype_id	id (usertype)	
fk_address_id	address_id	id (address)	
fk_profile_id	profile_id	id (profile)	

Table definition

```
CREATE TABLE `user` (
`id` int(11) NOT NULL,
`firstname` varchar(45) NOT NULL,
`lastname` varchar(45) NOT NULL,
`Usertype_id` int(11) NOT NULL,
`profile_id` int(11) NOT NULL,
`address_id` int(11) NOT NULL,
PRIMARY KEY (`id`) USING BTREE,
UNIQUE KEY `Usertype_id` (`Usertype_id`) USING BTREE,
UNIQUE KEY `profile_id` (`profile_id`) USING BTREE,
UNIQUE KEY `address_id` (`address_id`) USING BTREE,
CONSTRAINT `fk_UserType_id` FOREIGN KEY (`Usertype_id`) REFERENCES `usertype` (`id`) ON UPDATE CASCADE,
CONSTRAINT `fk_address_id` FOREIGN KEY (`address_id`) REFERENCES `address` (`id`) ON UPDATE CASCADE,
CONSTRAINT `fk_profile_id` FOREIGN KEY (`profile_id`) REFERENCES `profile` (`id`) ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

usertype

I F P	Column name	Data type	Nulls	Default	Description
	id	int	NO		
	TypeName	varchar (199)	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
PRIMARY	id	Ascending	Yes	BTREE

Table definition

```
CREATE TABLE `usertype` (
`id` int(11) NOT NULL AUTO_INCREMENT,
`TypeName` varchar(199) NOT NULL,
PRIMARY KEY (`id`) USING BTREE
) ENGINE=InnoDB AUTO_INCREMENT=2 DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

user_has_job

I F P	Column name	Data type	Nulls	Default	Description
	job_id	int	NO		
	job_user_id	int	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
job_id	job_id	Ascending	Yes	BTREE
job_user_id	job_user_id	Ascending	Yes	BTREE

Foreign keys

Constraint name	Column name	Reference	Description
fk_job_id	job_id	id (job)	
fk_job_user_id	job_user_id	User_id (job)	

Table definition

```
CREATE TABLE `user_has_job` (
`job_id` int(11) NOT NULL,
`job_user_id` int(11) NOT NULL,
UNIQUE KEY `job_id` (`job_id`) USING BTREE,
UNIQUE KEY `job_user_id` (`job_user_id`) USING BTREE,
CONSTRAINT `fk_job_id` FOREIGN KEY (`job_id`) REFERENCES `job` (`id`) ON UPDATE CASCADE,
CONSTRAINT `fk_job_user_id` FOREIGN KEY (`job_user_id`) REFERENCES `job` (`User_id`) ON UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```

user_has_message

I F P	Column name	Data type	Nulls	Default	Description
I F	message_id	int	NO		
I F	message_user_id	int	NO		

Indexes

Index name	Column name	Sort direction	Is unique	Index type
message_id	message_id	Ascending	Yes	BTREE
message_user_id	message_user_id	Ascending	Yes	BTREE

Foreign keys

Constraint name	Column name	Reference	Description
fk_message_id	message_id	id (message)	
fk_message_user_id	message_user_id	creator_id (message)	

Table definition

```
CREATE TABLE `user_has_message` (
`message_id` int(11) NOT NULL,
`message_user_id` int(11) NOT NULL,
UNIQUE KEY `message_id` (`message_id`) USING BTREE,
UNIQUE KEY `message_user_id` (`message_user_id`) USING BTREE,
CONSTRAINT `fk_message_id` FOREIGN KEY (`message_id`) REFERENCES `message` (`id`) ON UPDATE CASCADE,
CONSTRAINT `fk_message_user_id` FOREIGN KEY (`message_user_id`) REFERENCES `message` (`creator_id`) ON
UPDATE CASCADE
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 ROW_FORMAT=DYNAMIC
```