CREATE TABLE `permission` (

`id` bigint(20) NOT NULL,

`name` varchar(45) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `name\_UNIQUE` (`name`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `role` (

`id` bigint(20) NOT NULL,

`name` varchar(45) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `name\_UNIQUE` (`name`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `role\_permission` (

`id` bigint(20) NOT NULL,

`role\_id` bigint(20) DEFAULT NULL,

`permission\_id` bigint(20) DEFAULT NULL,

PRIMARY KEY (`id`),

KEY `permissionId\_idx` (`permission\_id`),

KEY `roleId1\_idx` (`role\_id`),

CONSTRAINT `permissionId` FOREIGN KEY (`permission\_id`) REFERENCES `permission` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `roleId1` FOREIGN KEY (`role\_id`) REFERENCES `role` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `user` (

`id` bigint(20) NOT NULL,

`username` varchar(45) NOT NULL,

`password` varchar(45) NOT NULL,

`first\_name` varchar(45) NOT NULL,

`last\_name` varchar(45) NOT NULL,

`user\_state` varchar(40) NOT NULL,

`date\_created` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP,

`date\_modified` timestamp NOT NULL DEFAULT CURRENT\_TIMESTAMP ON UPDATE CURRENT\_TIMESTAMP,

`email` varchar(60) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `username\_UNIQUE` (`username`),

UNIQUE KEY `mail\_UNIQUE` (`email`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `user\_role` (

`id` bigint(20) NOT NULL,

`user\_id` bigint(20) NOT NULL,

`role\_id` bigint(20) NOT NULL,

PRIMARY KEY (`id`),

UNIQUE KEY `user\_id\_UNIQUE` (`user\_id`),

KEY `userId\_idx` (`user\_id`),

KEY `roleId\_idx` (`role\_id`),

CONSTRAINT `roleId` FOREIGN KEY (`role\_id`) REFERENCES `role` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION,

CONSTRAINT `userId` FOREIGN KEY (`user\_id`) REFERENCES `user` (`id`) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

**DataIngestion :**

CREATE TABLE `hibernate\_sequence` (

`next\_val` bigint(20) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `member` (

`id` int(11) DEFAULT NULL,

`name` varchar(20) DEFAULT NULL,

`email` varchar(20) DEFAULT NULL,

`phone\_number` varchar(20) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8;

CREATE TABLE `source` (

`source\_id` int(11) DEFAULT NULL,

`source\_type` varchar(20) DEFAULT NULL,

`host` varchar(20) DEFAULT NULL,

`username` varchar(20) DEFAULT NULL,

`password` varchar(20) DEFAULT NULL

) ENGINE=InnoDB DEFAULT CHARSET=utf8;