mysql> CREATE DATABASE cs313

CHARACTER SET utf8

COLLATE utf8\_unicode\_ci;

mysql> use cs313;

mysql> SHOW TABLES;

CREATE TABLE accounts (

acct\_id smallint(5) unsigned NOT NULL AUTO\_INCREMENT,

first\_name varchar(20) NOT NULL,

last\_name varchar(20) NOT NULL,

email varchar(60) NOT NULL,

password char(40) NOT NULL,

datetime datetime NOT NULL,

PRIMARY KEY (`acct\_id`)

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8\_unicode\_ci;

CREATE TABLE comments (

comment\_id smallint(5) unsigned NOT NULL AUTO\_INCREMENT,

comment text NOT NULL,

datetime datetime NOT NULL,

pic\_id smallint(5) unsigned NOT NULL,

acct\_id smallint(5) unsigned NOT NULL,

PRIMARY KEY (comment\_id),

FOREIGN KEY (pic\_id) REFERENCES pics (pic\_id) ON DELETE NO ACTION ON UPDATE NO ACTION,

FOREIGN KEY (acct\_id) REFERENCES accounts (acct\_id) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8\_unicode\_ci;

CREATE TABLE pics (

pic\_id smallint(5) unsigned NOT NULL AUTO\_INCREMENT,

filename varchar(100) NOT NULL,

category VARCHAR(30) NOT NULL,

datetime datetime NOT NULL,

acct\_id smallint(5) unsigned NOT NULL,

PRIMARY KEY (pic\_id),

KEY (category),

FOREIGN KEY (acct\_id) REFERENCES accounts (acct\_id) ON DELETE NO ACTION ON UPDATE NO ACTION

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf\_unicode\_ci;