CREATE TABLE categories (

category\_id int(11) NOT NULL,

category\_name varchar(50) NOT NULL

)

INSERT INTO categories (category\_id, category\_name) VALUES

(7, 'Animal Feed'),

(1, 'Cows'),

(13, 'Dairy Products'),

(8, 'Farm Equipment'),

(12, 'Fertilizers'),

(15, 'Fish Farming'),

(4, 'Goats'),

(6, 'Horses & Donkeys'),

(10, 'Livestock Medicines'),

(14, 'Organic Produce'),

(5, 'Pigs'),

(2, 'Poultry'),

(11, 'Seeds and Crops'),

(3, 'Sheep'),

(9, 'Veterinary Services');

CREATE TABLE items (

item\_id int(11) NOT NULL,

user\_id int(11) DEFAULT NULL,

title varchar(100) NOT NULL,

price decimal(10,2) NOT NULL,

category varchar(50) DEFAULT NULL,

description text DEFAULT NULL,

image\_path blob DEFAULT NULL,

created\_at timestamp NOT NULL DEFAULT current\_timestamp()

) ENGINE=InnoDB DEFAULT CHARSET=utf8mb4 COLLATE=utf8mb4\_general\_ci;

CREATE TABLE messages (

message\_id int(11) NOT NULL,

sender\_id int(11) DEFAULT NULL,

receiver\_id int(11) DEFAULT NULL,

content text NOT NULL,

sent\_at timestamp NOT NULL DEFAULT current\_timestamp(),

user\_id int(11) NOT NULL

)

CREATE TABLE users (

user\_id int(11) NOT NULL,

username varchar(50) NOT NULL,

email varchar(100) NOT NULL,

password varchar(255) NOT NULL,

created\_at timestamp NOT NULL DEFAULT current\_timestamp(),

phone varchar(20) DEFAULT NULL,

location varchar(100) DEFAULT NULL,

experience varchar(100) DEFAULT NULL,

specialty varchar(100) DEFAULT NULL,

profile\_image blob DEFAULT NULL

)

ALTER TABLE categories

ADD PRIMARY KEY (category\_id),

ADD UNIQUE KEY category\_name (category\_name);

--

-- Indexes for table items

--

ALTER TABLE items

ADD PRIMARY KEY (item\_id),

ADD KEY user\_id (user\_id),

ADD KEY fk\_category (category);

--

-- Indexes for table messages

--

ALTER TABLE messages

ADD PRIMARY KEY (message\_id),

ADD KEY sender\_id (sender\_id),

ADD KEY receiver\_id (receiver\_id);

--

-- Indexes for table users

--

ALTER TABLE users

ADD PRIMARY KEY (user\_id),

ADD UNIQUE KEY email (email);

--

-- AUTO\_INCREMENT for dumped tables

--

--

-- AUTO\_INCREMENT for table categories

--

ALTER TABLE categories

MODIFY category\_id int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=16;

--

-- AUTO\_INCREMENT for table items

--

ALTER TABLE items

MODIFY item\_id int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=5;

--

-- AUTO\_INCREMENT for table messages

--

ALTER TABLE messages

MODIFY message\_id int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=131;

--

-- AUTO\_INCREMENT for table users

--

ALTER TABLE users

MODIFY user\_id int(11) NOT NULL AUTO\_INCREMENT, AUTO\_INCREMENT=4;

--

-- Constraints for dumped tables

--

--

-- Constraints for table items

--

ALTER TABLE items

ADD CONSTRAINT fk\_category FOREIGN KEY (category) REFERENCES categories (category\_name),

ADD CONSTRAINT items\_ibfk\_1 FOREIGN KEY (user\_id) REFERENCES users (user\_id) ON DELETE CASCADE;

--

-- Constraints for table messages

--

ALTER TABLE messages

ADD CONSTRAINT messages\_ibfk\_1 FOREIGN KEY (sender\_id) REFERENCES users (user\_id) ON DELETE CASCADE,

ADD CONSTRAINT messages\_ibfk\_2 FOREIGN KEY (receiver\_id) REFERENCES users (user\_id) ON DELETE CASCADE;