**CREATING DATABASE AND TABLES**

CREATE SCHEMA `snapsell` ;

CREATE TABLE `snapsell`.`user` (

`id` INT NOT NULL AUTO\_INCREMENT,

`username` VARCHAR(255) NOT NULL,

`profile\_pic\_url` VARCHAR(255) NULL,

`created\_at` DATETIME NOT NULL DEFAULT NOW(),

PRIMARY KEY (`id`),

UNIQUE INDEX `username\_UNIQUE` (`username` ASC) VISIBLE);

CREATE TABLE `snapsell`.`listing` (

`id` INT NOT NULL AUTO\_INCREMENT,

`title` VARCHAR(255) NOT NULL,

`description` VARCHAR(255) NOT NULL,

`price` DOUBLE NOT NULL,

`fk\_poster\_id` INT NOT NULL,

`created\_at` DATETIME NOT NULL DEFAULT NOW(),

FOREIGN KEY (`fk\_poster\_id`) REFERENCES snapsell.user(`id`),

PRIMARY KEY (`id`));

CREATE TABLE `snapsell`.`offers` (

`id` INT NOT NULL AUTO\_INCREMENT,

`offer` INT NOT NULL,

`fk\_listing\_id` INT NOT NULL,

`fk\_offeror\_id` INT NOT NULL,

`created\_at` DATETIME NOT NULL DEFAULT NOW(),

FOREIGN KEY (fk\_listing\_id) REFERENCES listing(id),

FOREIGN KEY (fk\_offeror\_id) REFERENCES user(id),

PRIMARY KEY (`id`));

CREATE TABLE `snapsell`.`likes` (

`id` INT NOT NULL AUTO\_INCREMENT,

`fk\_user\_id` INT NOT NULL,

`fk\_listing\_id` INT NOT NULL,

`created\_at` DATETIME NOT NULL DEFAULT NOW(),

FOREIGN KEY (fk\_user\_id) REFERENCES user(id),

FOREIGN KEY (fk\_listing\_id) REFERENCES listing(id),

PRIMARY KEY (`id`));

**INSERTING SOME DATA IN THE TABLES**

insert into snapsell.user

(username, profile\_pic\_url)

values ('steve\_jobs', 'https://upload.wikimedia.org/wikipedia/commons/thumb/f/f5/Steve\_Jobs\_Headshot\_2010-CROP2.jpg/800px-Steve\_Jobs\_Headshot\_2010-CROP2.jpg');

insert into snapsell.listing

(title, description, price, fk\_poster\_id)

values ('iPhone 6s USED', 'In good condition. Camera and screen not working.', 250, 1);

insert into snapsell.listing

(title, description, price, fk\_poster\_id)

values ('Airpods Pro NEW', 'In very good condition.', 1000, 1);

insert into snapsell.listing

(title, description, price, fk\_poster\_id)

values ('Predator computer USED', 'In decent condition. Keyboard spoilt.', 999, 2);

insert into snapsell.offers

(offer, fk\_listing\_id, fk\_offeror\_id)

values (200, 1, 1);