

1. Users:

```
CREATE TABLE `starbucks`.`user` (  
  `id` INT NOT NULL AUTO_INCREMENT,  
  `fname` VARCHAR(45) NULL,  
  `lname` VARCHAR(45) NULL,  
  `email` VARCHAR(45) NOT NULL,  
  `password` VARCHAR(45) NOT NULL,  
  `phone` INT NULL,  
  `city` VARCHAR(45) NULL,  
  PRIMARY KEY (`id`));
```

2. Cards:

```
CREATE TABLE `starbucksdb`.`cards` (  
  `cardno` INT NOT NULL,  
  `cardexpiry` INT NOT NULL,  
  `cardholdername` VARCHAR(45) NOT NULL,  
  `cvv` INT NOT NULL,  
  `username` VARCHAR(45) NOT NULL,  
  `balance` INT,  
  PRIMARY KEY (`cardno`),  
  INDEX `fk_cards_1_idx` (`username` ASC),  
  CONSTRAINT `fk_cards_1`  
    FOREIGN KEY (`username`)  
    REFERENCES `starbucksdb`.`user` (`username`)  
    ON DELETE NO ACTION  
    ON UPDATE NO ACTION);
```

3.

```
CREATE TABLE `starbucksdb`.`pay` (  
  `tid` INT NOT NULL AUTO_INCREMENT,  
  `username` VARCHAR(45) NOT NULL,  
  `cardno` INT NOT NULL,  
  `tamount` INT NOT NULL,  
  `datetime` DATETIME NOT NULL,  
  PRIMARY KEY (`tid`),  
  INDEX `fk_transactions_1_idx` (`cardno` ASC),  
  CONSTRAINT `fk_transactions_1`  
    FOREIGN KEY (`cardno`)  
    REFERENCES `starbucksdb`.`cards` (`cardno`)  
    ON DELETE NO ACTION
```

ON UPDATE NO ACTION);

4. Items

```
CREATE TABLE `starbucksdb`.`items` (  
  `item_id` INT NOT NULL AUTO_INCREMENT,  
  `item_name` VARCHAR(45) NOT NULL,  
  `item_qty` DOUBLE NULL,  
  `item_price` DOUBLE NULL,  
  PRIMARY KEY (`item_id`));
```

5.

```
INSERT INTO `items` (`item_name`,`item_qty`,`item_price`) VALUES ('coffee',20,3.0);
```