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);