Joshua Edmonson

Project 1

1. Common Use Case: open dialog window, input data, click confirm, dialog confirmation box pops up, click ok.

Exception: product is already in system

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1. Common Use Case: open dialog window, input customer data, click confirm, dialog confirmation box pops up, click ok.

Exception: customer is already in system

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1. Common Use Case: open dialog window, input purchase data, click confirm, dialog confirmation box pops up, click ok.

Exception: purchase was incomplete

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**SQL CODE**

1. CREATE TABLE products (

ID int NOT NULL,

Quantity int NOT NULL,

Price int NOT NULL,

ManID varchar(255) NOT NULL,

Name varchar(255) NOT NULL,

PRIMARY KEY (ID)

);

CREATE TABLE customers (

Name varchar(255) NOT NULL,

Phone int NOT NULL,

Email varchar(255) NOT NULL

PRIMARY KEY (Name)

);

CREATE TABLE purchases (

Name varchar(255) NOT NULL,

ProductID int NOT NULL,

Quantity int NOT NULL,

PRIMARY KEY (Name)

);

1. INSERT INTO customers (Name, Phone, Email)

VALUES (John Doe, 1234567, johndoe@gmail.com), (Jane Doe, 8901234, janedoe@gmail.com), (Joshua Edmonson, 5678901, jed@gmail.com), (Tom Cruise, 2345678, tom@cruise.com), (Benedict Cumberbatch, 9012345, [becumber@batch.com](mailto:becumber@batch.com));

INSERT INTO products(ID, Quantity, Price, ManID, Name)

VALUES (1, 5, 999.99, Apple, iPhone), (2, 5, 888.88, Apple, iPod), (3, 5, 777.77, Apple, iPad), (4, 5, 666.66, Apple, AirPods), (5, 5, 555.55, Apple, MacBook Pro);

INSERT INTO purchases (Name, ProductID, Quantity)

VALUES (Bob, 2345, 2), (Jim, 123451, 2), (Joe, 232, 23), (Bob, 111, 2), (Bob, 2345, 9), (Sam, 2345, 3), (Terry, 112, 15), (Mary, 999, 2), (Olivia, 2345, 7);