DBMS Mini Project

Apple Store Management

DDL Statements:

Users

CREATE TABLE users(

login\_username VARCHAR(20) NOT NULL UNIQUE,

user\_name VARCHAR(50) NOT NULL,

user\_email VARCHAR(25) NOT NULL UNIQUE,

user\_mobile VARCHAR(13) NOT NULL UNIQUE,

user\_address VARCHAR(100),

login\_password VARCHAR(20) NOT NULL,

role\_name VARCHAR(20) NOT NULL,

PRIMARY KEY(login\_username)

);

Customer

CREATE TABLE customer(

cus\_email VARCHAR(25) NOT NULL UNIQUE,

cus\_name VARCHAR(50) NOT NULL,

cus\_phone VARCHAR(13) NOT NULL,

cus\_add VARCHAR(100),

cus\_dob date,

PRIMARY KEY(cus\_email)

);

Bill

CREATE TABLE bill(

bill\_id SERIAL PRIMARY KEY,

bill\_date date NOT NULL,

bill\_desc VARCHAR(500) NOT NULL

);

Product

CREATE TABLE product(

prod\_id SERIAL PRIMARY KEY,

prod\_type VARCHAR(20) NOT NULL,

prod\_name VARCHAR(50) NOT NULL,

prod\_storage VARCHAR(10) NOT NULL,

prod\_price VARCHAR(10) NOT NULL

);

purchase

CREATE TABLE purchase(

username VARCHAR(20) NOT NULL,

cus\_email VARCHAR(25) NOT NULL,

bill\_id VARCHAR(15) NOT NULL,

prod\_id INT NOT NULL,

FOREIGN KEY(username) REFERENCES users(login\_username),

FOREIGN KEY(cus\_email) REFERENCES customer(cus\_email),

FOREIGN KEY(bill\_id) REFERENCES bill(bill\_id),

FOREIGN KEY(prod\_id) REFERENCES product(prod\_id)

);