CITY UNIVERSITY

"Creating of Culture of Excellence"

Department of CSE

Mid-Term Exam

Course Title   :System Analysis& Design
Course Code   :CSE- 325
Task Name   :(i) Use Case Diagram of aBanking Management System.
(ii)Class Diagram of an Online Shopping System.

Submitted By:

ID   :171442618
Name   :Md Manirul Islam
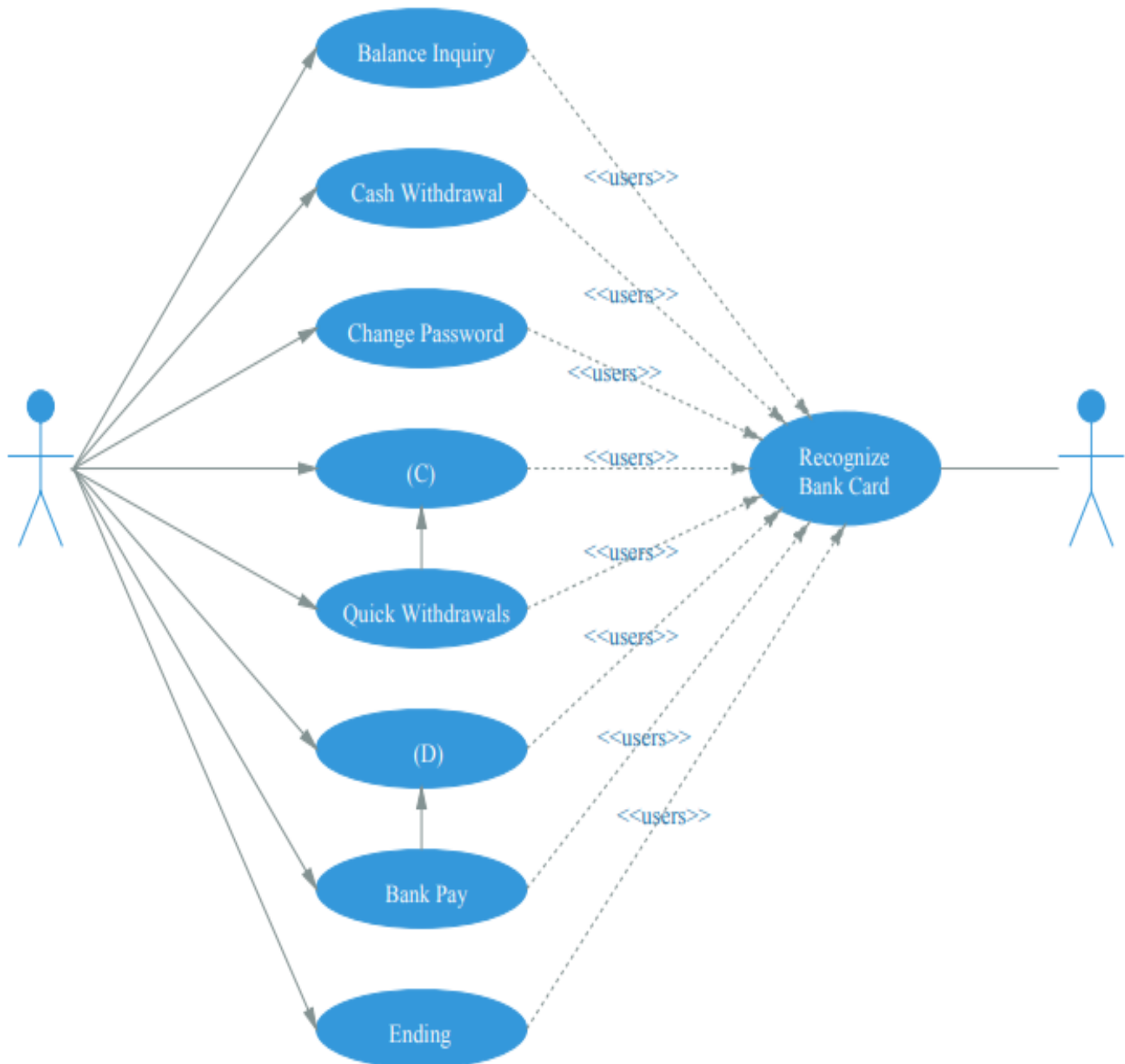**Program**   :CSE (EVN)
Batch   :44th

Submitted To:

Supta Richard Philip
Senior Lecturer, Department of CSE
City University,Bangladesh

Date of Submission   :20.05.2019

CITY UNIVERSITY

Task 1: Use Case Diagram of a Banking Management System

Task 2: Class Diagram of an Online Shopping System

Customer
- name
- email
- address

- + register()
- + login()
- + updateDetails()

Shipping Info
- + Attribute 1 : Type
- + Attribute 2 : Type
- - Attribute 3 : Type
- - Attribute 4 : Type

- + Operation 1 (arg list) : return
- + Operation 2 (arg list) : return
- + Operation 3 (arg list) : return
- + Operation 4 (arg list) : return

Shopping Cart
- + Attribute 1 : Type
- + Attribute 2 : Type
- - Attribute 3 : Type
- - Attribute 4 : Type

- + Operation 1 (arg list) : return
- + Operation 2 (arg list) : return
- + Operation 3 (arg list) : return
- + Operation 4 (arg list) : return

Orders
- + Attribute 1 : Type
- + Attribute 2 : Type
- - Attribute 3 : Type
- - Attribute 4 : Type

- + Operation 1 (arg list) : return
- + Operation 2 (arg list) : return
- + Operation 3 (arg list) : return
- + Operation 4 (arg list) : return

Order Details
- + Attribute 1 : Type
- + Attribute 2 : Type
- - Attribute 3 : Type
- - Attribute 4 : Type

- + Operation 1 (arg list) : return
- + Operation 2 (arg list) : return
- + Operation 3 (arg list) : return
- + Operation 4 (arg list) : return

AbstractInventory
- - price : double
- - stock : int
- - productId : int

- + setPrice()
- + getPrice()
- + setStock()
- + getStock()
- + setProductId()
- + getProductId()

T-Shirts
- - size
- - colour

- + setSize()
- + getSize()
- + setColour()
- + getColour()

Jeans
- - waist
- - length

- + setWaist()
- + getWaist()
- + setLength()
- + getLength()