BRAC UNIVERSITY

Inspiring Excellence

CSE471

System Analysis and Design

Assignment : 05

Activity & Sequence Diagram

Submitted By

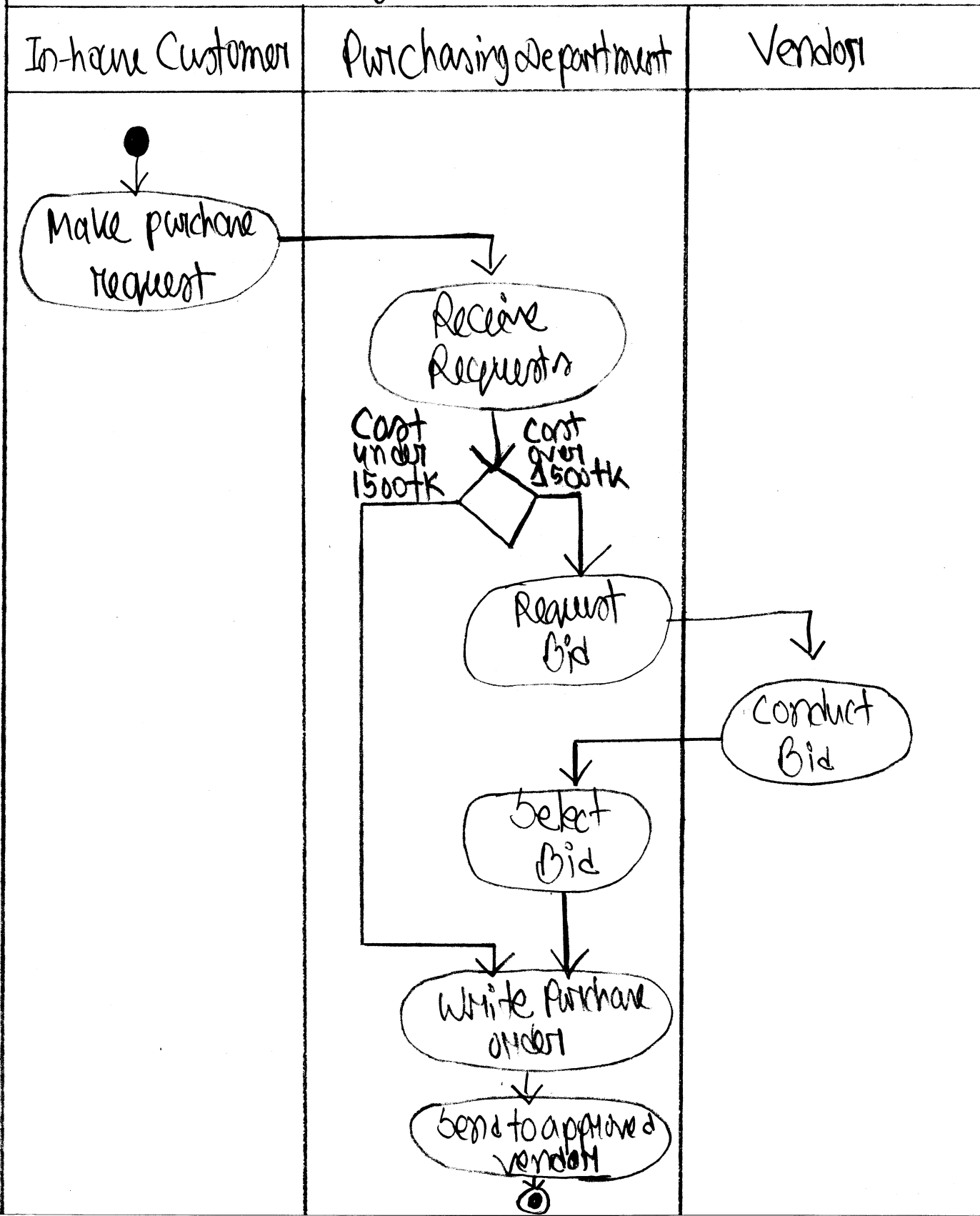Shoaib Ahmed Dipu
Student ID : 17101482
CSE471-2, Summer 2020
Submission Date : 12 Aug 2020

Assignment 05
No.01

Activity Diagram With Swimlanes

In-home Customer	Purchasing Department	Vendor

Make purchase request

Receive Requests

Cost under 1500tk | Cost over 1500tk

Request Bid

Conduct Bid

Select Bid

Write Purchase order

Send to approved vendor

NO.02 (Sequence Diagram)

admin1: Librarian	lms: LibraryManagementSystem	ucdb: UserCredentialsDB	emailSys: EmailSystem	user1: User

createNewOnlineLibraryAccount

Provide AccountType

selectLibraryAccountingType(type)

Provide User details

enterUserDetails(userid: UserDetails)

checkUserDetails(userid: UserDetails)

alt [If User Details are valid]

User Details Valid

createNewLibrary-UserAccount(userid: UserDetails)

sendAccountDetailsViaEmail(user1: Library-UserAccount)

sendEmail(email: Email)

Successful completion Message

Task completion Log Message

Successful Delivered Message

[else]

User Details Invalid

InvalidUserDetails. Try Again From start