



## COMP 4339 – Software Analysis and Design

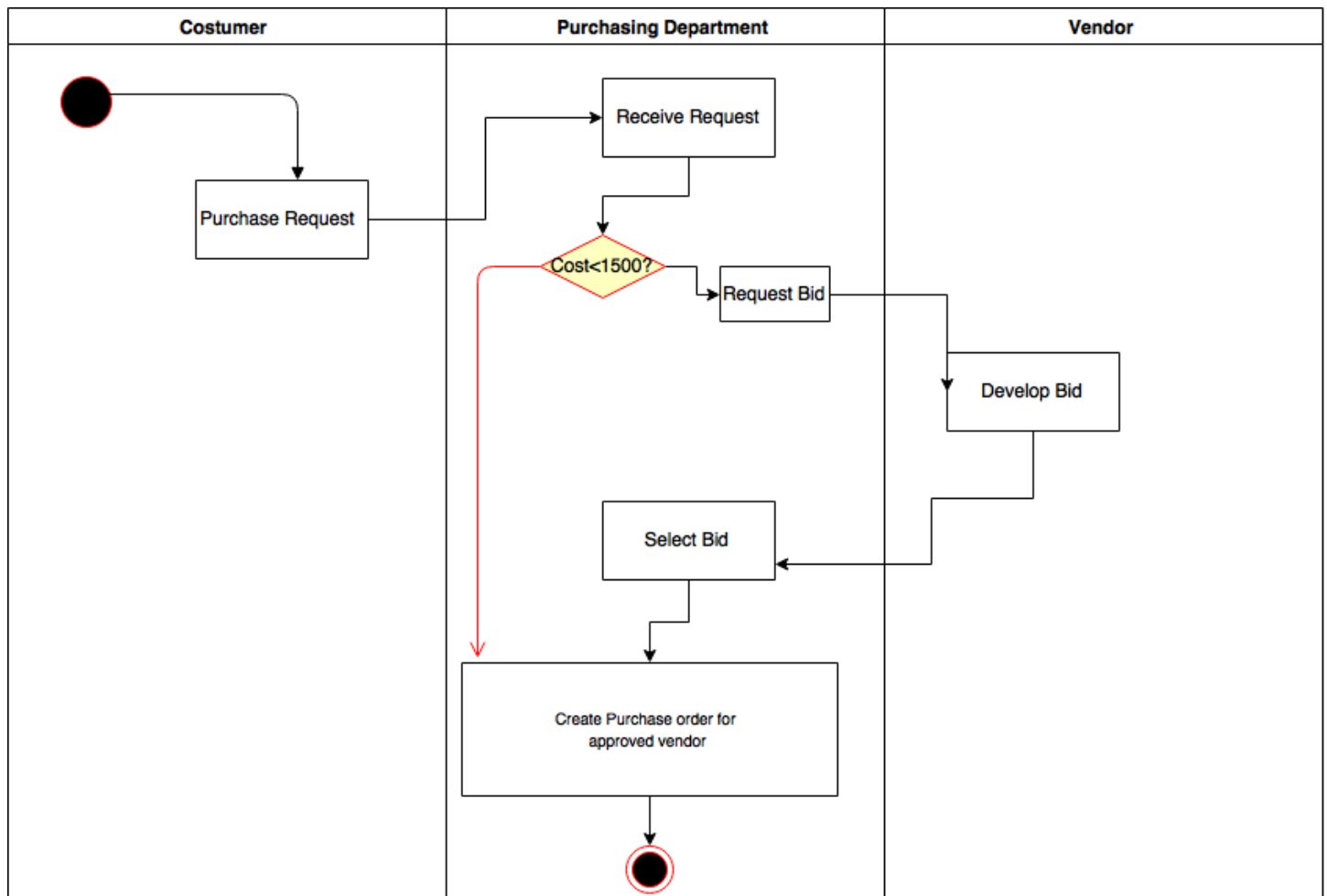
Chapter 2: Investigating System Requirements

### Assignment #1

Date: 10/05/2016 Name: Geraldo Braho Grade: \_\_\_\_\_

## Exercises and Problems

7.





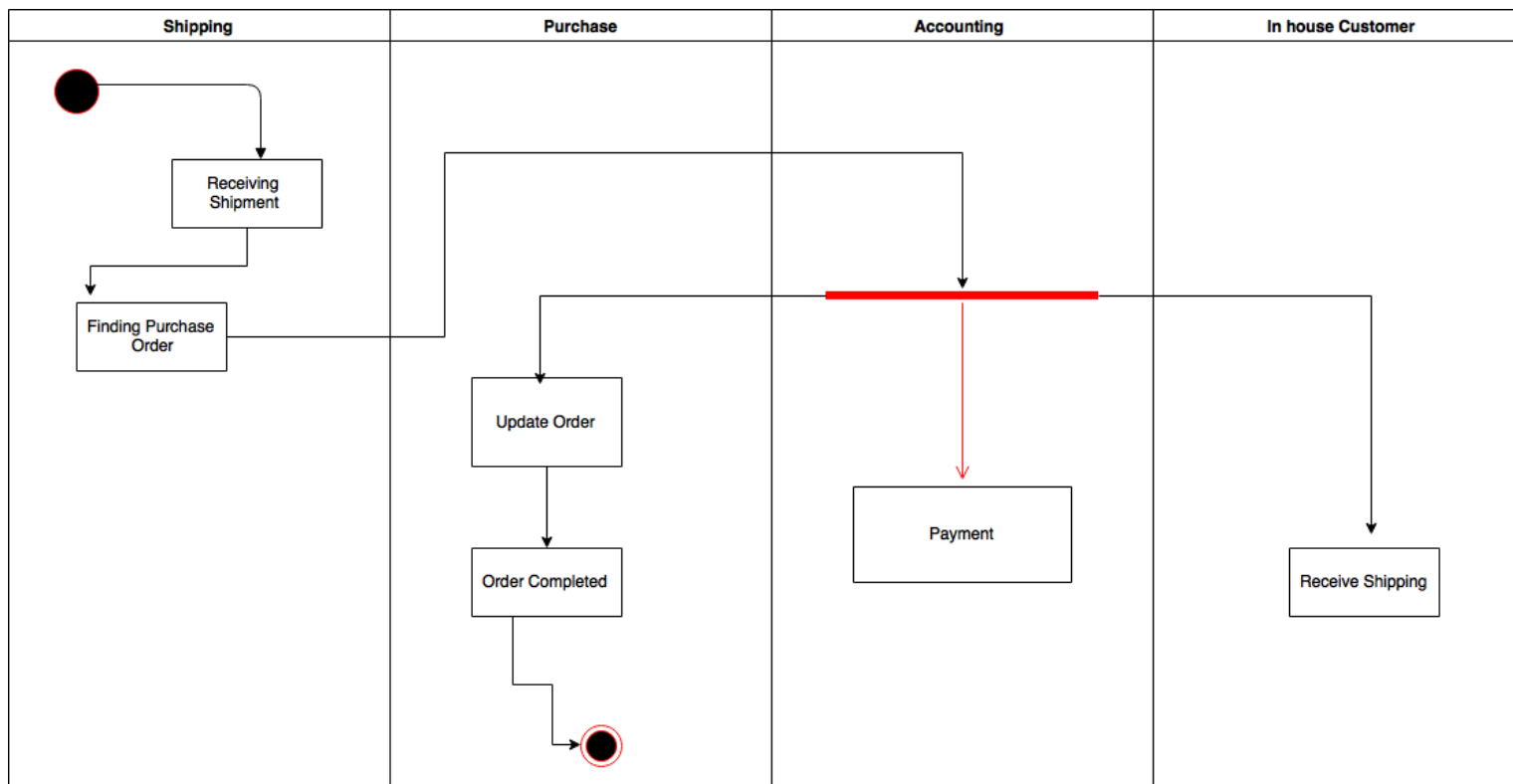
## COMP 4339 – Software Analysis and Design

### Chapter 2: Investigating System Requirements

#### Assignment #1

Date: 10/05/2016 Name: Geraldo Braho Grade: \_\_\_\_\_

8.





## COMP 4339 – Software Analysis and Design

### Chapter 2: Investigating System Requirements

#### Assignment #1

Date: 10/05/2016 Name: Geraldo Braho Grade: \_\_\_\_\_

1-Customer (students) are interested in the SBRU website where they can get information about the resorts (Price, availability, etc.). Students can also book and pay their room since the system is functioning online as well.

Resorts are interested about SBRU's booking for each week, the room types that are booked, room conditions and other similar information.

#### 2- Major functional requirements within the subsystems

Resorts relations - Receiving information from the resorts about available rooms, prices, and Other Features. Sending information to the resorts when students book rooms and how many rooms after students book Rooms, sending payment to resorts. Student booking – Sharing information about room availability, prices and features. Accounting and Finance – Receiving payment from students. Transferring payment to resorts Keeping track of income and expenses and other financial activities.

Social Networking – Allowing students to share their adventures on the social media

#### 3- Usability requirements for subsystems.

Students should have an easy access to information about resorts and should be able to book a room from website easily. Students can share pictures and statuses on social media and they could also connect with other people that they meet during their vacation

#### 4-Resorts should be asked to maintain free wireless Internet connection for guests.

Wireless Internet connection should work in any part of the resorts' properties. This Should be doable anyways because free Wi-Fi is an expected feature in most hotels, Motels, resorts etc., everywhere around the world.

5-First security would be to check if international bookers to have valid documentation to travel to the US( visas, documentation etc ) stating that they will be able to effort their stay in the US and so on. If the international users have access to online booking system, then these documents should be provided online as well, prior to booking and paying.

6- Conducting surveys and pools within students, could be an approach to collect functional Requirement information. Interviewing customers, employees in the resorts could be another approach as well. Questions they might ask could be:

Do students prefer to post their pictures from the trip?

How can usage of social network improve the SBRU system and students' interest in the resorts?

How was their experience and did they enjoy it and if they have any suggestion for resorts ?



## **COMP 4339 – Software Analysis and Design**

Chapter 2: Investigating System Requirements

### **Assignment #1**

Date: 10/05/2016 Name: Geraldo Braho Grade: \_\_\_\_\_