**CHAPTER 4**

**UNIVERSITY OF SAN CARLOS AUDIO VISUAL RESERVATION AND ASSET MANAGEMENT SYSTEM SOFT WARE DEVELOPMENT**

**4.1 Business Process**

**<PICTURE >**

The developed system’s core functionality is to be able to reserve stock such as: books and uniforms, through online access. And on the above business process diagram, the very first person to make a move is the customer with regards to transactions. A customer here are the students of the University of San Carlos specifically those who are currently enrolled.

A customer can make a reservation that will be on the ready status which can still be edited or cancelled. Automatically the stocks will be updated every time a reservation has been made or if the Admin will delete and add items and stocks.

After the user has gone to check out his cart, the status of his/her items will automatically become “pending” which gives them exactly 3 hours to claim before their reservation’s expiry which nulls the current reservation made and returns stocks to inventory. The admin will also be able to view the reports regarding the inventory and make decisions as such to what stocks he need to mitigate or conjugate in response to the latest reports generated by our system.