**{Search and Select/Check Out}**

**Author (s): Landon Leigh Date: 9/12/2019**

**Version: \_\_\_\_\_\_\_\_\_\_**

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| **USE CASE NAME:** | Add to Shopping Cart and Purchase | | **USE CASE TYPE** |
| **USE CASE ID:** | 003 | | **Business Requirements: 🗹** |
| **PRIORITY:** | High | |  |
| **SOURCE:** |  | |  |
| **PRIMARY BUSINESS ACTOR:** | System | | |
| **OTHER PARTICIPATING ACTORS:** | * Customer | | |
| **OTHER INTERESTED STAKEHOLDERS:** | * Owners and managers of company customer is buying from | | |
| **DESCRIPTION:** | A customer wants to buy an item so they search for it and communicate with system to purchase it | | |
| **PRE-CONDITION:** | Customer must want to search for an item | | |
| **TRIGGER:** | Customer calls to search for item for purchase | | |
| **TYPICAL COURSE** | **Actor Action** | **System Response** | |
| **OF EVENTS:** | **Step 1**: Customer provides information for search | **Step 2**: System returns items that relate to customers search | |
|  | **Step 3**: Customer picks desired item and adds it to cart | **Step 4**: System adds item to customers cart | |
|  | **Step 5**: Customer checks out items by either logging in or checking out as guest | **Step 6**: Systems pulls up checkout page so customer can enter information | |
|  | **Step 7**: Customer enters payment and shipping info | **Step 8:** System confirms information and concludes checkout | |
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| **ALTERNATE COURSES:** | Customer enters incorrect information | | |
|  | **Step 1**: System outputs error message and requests new information | | |
|  | Customers payment did not go through | | |
|  | **Step 1:** System asks for new payment info due to purchase not confirming | | |
|  | Item customer wants is out of stock | | |
|  | **Step 1:** System tells customer item is out of stock and tells when it will be back in stock | | |
| **CONCLUSION:** | Customer searches for item and communicates with system to complete purchase of the item | | |
| **POST-CONDITION:** | Customer has receipt for confirmed purchase and system adds item to list to ship | | |
| **BUSINESS RULES** | * When purchase is made, item must make it to customer on time | | |
| **IMPLEMENTATION CONTRAINTS AND SPECIFICATIONS** | Items must be in stock and customer must have correct credentials | | |
| **ASSUMPTIONS:** | Customer wants to purchase an item | | |
| **OPEN ISSUES:** |  | | |