## Use Case Specification

|  |  |
| --- | --- |
| Name | Order Product from Catalog |
| id | 1 |
| Scope | Automotive Parts Ordering System |
| Priority | High |
| Summary | Allows online customers the ability to order auto parts online from our catalog. |
| Primary Actor | Internet Customer |
| Supporting Actor(s) | Parts Database and Credit Card Processor |
| Stakeholders |  |
| Generalization |  |
| Extend |  |
| Precondition |  |
| Trigger |  |
| Normal Flow | 1. Internet Customer accesses online catalog. 2. System queries Parts Database and displays parts in list form. 3. Internet Customer chooses parts to add to cart. 4. System maintains items, quantities, and price in cart. 5. Internet Customer selects to complete order. 6. System requests Internet Customers name and mailing address. 7. Internet customer provides name and mailing address. 8. System calculates total including tax and shipping costs. 9. System request Internet Customer’s Credit Card information. 10. Internet Customer provides Credit Card info. 11. System Sends payment info to Credit Card Processor. 12. Credit Card Processor Authorizes payment. 13. System Acknowledges payment to complete order. |
| Sub-Flows | Credit card declined/invalid info  12.1 Credit card authorization is declined or has invalid data.  12.2 Credit Card Processor sends return code information to system.  12.3 System prompts Internet to re-enter credit card information.  12.4 Internet Customer enters credit card info.  12.5 Resume normal flow at step 11. |
| Alternate Flow/Exceptions | Exceptions:   1. Customer leaves website abandoning sale. 2. Part is on backorder   2.1 Items will not be included in part listing in step 2.s |
| Postcondition | System Generates Picking/Packing Ticket |
| Open Issues |  |
| Source | Statement  Stakeholders |
| Author | Group 1 |
| Revision and Date | Rev 1.2 2/25/2015 |