Software Engineering Methods Coursework Part 3

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Use-Case Description 1

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| Use Case: | Receive Goods |
| Actors: | Receiving Department, Suppliers |
| Condition: | - |
| Goal: | To acquire goods from the supplier |
| Description: | When goods are needed to continue operations, a shipment of goods is received from suppliers and the receiving department handles these goods. |

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| Use Case: | Prepare Receiving Report |
| Actors: | Receiving Department |
| Condition: | This can only happen after goods have been verified against the purchase order |
| Goal: | To note any discrepancies between goods received and the purchase order |
| Description: | When goods have been verified a report which states any differences between the order and the received goods must be prepared for any needed corrections. |

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| Use Case: | Verify Against Order |
| Actors: | Receiving Department |
| Condition: | This can only happen after goods have been received. |
| Goal: | To check if the goods received matches up with the purchase order |
| Description: | When goods are received from the suppliers they are checked against the purchase order to make sure that the receiving department have received the correct order and quantity of goods. |

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| Use Case: | Note Discrepancies |
| Actors: | Receiving Dpt. |
| Condition: | Extends from the receiving report if the order does not match up to the goods received |
| Goal: | To have a record of the missing/incorrect goods so it can be later corrected |
| Description: | This is done by the receiving department and is carried out only if there are discrepancies between the receiving report and the goods received. |

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| Use Case: | Deliver Goods |
| Actors: | Receiving Dpt., Stock Control |
| Condition: | Can only happen once receiving report has been prepared |
| Goal: | To deliver goods to stock control where they are kept and monitored |
| Description: | When the goods have been handled by the receiving department they have to be delivered to stock control where they are kept. |

Use-Case Description 2

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| Use Case: | Receive Order Details |
| Actors: | Customer, Stock Control, Distribution |
| Condition: | - |
| Goal: | Allow the customer to place an order |
| Description: | When the customer places an order the system will take this in and carry the order forward to the other processes in the system. |

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| Use Case: | Ensure Stock is Available |
| Actors: | Stock Control |
| Condition: | The customer has to have placed an order and accepted terms and conditions |
| Goal: | To ensure necessary stock is available before continuing the customers order |
| Description: | This is done to prevent any time wasting for the customers and is done early on, if there isn’t the necessary stock then the customers cant proceed with that order. |

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| Use Case: | Create Invoice |
| Actors: | Accounting |
| Condition: | The order details must be received first |
| Goal: | To have a copy of the orders stored as an invoice for legal reasons |
| Description: | When the details of the order are sent the financial information must be stored as an invoice by the accounting department. |

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| Use Case: | Accept Terms and Conditions |
| Actors: | Customer |
| Condition: | The order must be acknowledged and order details stored |
| Goal: | To allow the customer to read through and if they choose to agree to the terms |
| Description: | This is done for legal reasons and allows the company to inform the customer of their legal rights when ordering from them. |

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| Use Case: | Inform of Limited Stock |
| Actors: | Customer |
| Condition: | Extends from checking stock availability |
| Goal: | To ensure if there is insufficient stock that the customer is notified |
| Description: | If there is limited stock on a customers order this step is to ensure the customer knows this and they should rethink their order or check another day. |

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| Use Case: | Send Acknowledgment Email |
| Actors: | Customer |
| Condition: | This is included after the stock has been checked against the customers order |
| Goal: | To let the customer know their order has been put through |
| Description: | This is the verification for the customer letting them know their order will be processed. |

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| Use Case: | Send T&C’s PDF Email |
| Actors: | Customer |
| Condition: | Once the acknowledgement email has been sent this is sent afterwards in a separate email |
| Goal: | To ensure he customer receives the terms and conditions |
| Description: | The systems sends out and email containing a PDF of the terms and conditions, this is done for legal purposes. |

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| Use Case: | Create Invoice |
| Actors: | - |
| Condition: | This happens only after the terms and conditions have been sent to the customer |
| Goal: | To create an invoice to send to the customer |
| Description: | This invoice is created based on the order details and is done for legal reasons. |

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| Use Case: | Add Extra Charges |
| Actors: | Customer |
| Condition: | This extends from creating an invoice and only sometimes happens |
| Goal: | To give the customer a choice in adding extra charges depending on any extra features |
| Description: | If the customer wishes for any extra features with their order they have the choice to add extras which will affect the invoice and final price, this can be ignored by the customer. |

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| Use Case: | Display Invoice |
| Actors: | Customer |
| Condition: | Included from Create Invoice |
| Goal: | To show the customers invoice before accepting their payment |
| Description: | Showing the customers invoice before payment allows them to see what they are paying for so they can confirm it. This is also done for legal reasons. |

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| Use Case: | Accept Payment |
| Actors: | Customer |
| Condition: | Included from displaying invoice |
| Goal: | To receive payment of goods for the customers order |
| Description: | The customer makes the sufficient payment for the goods which will later be delivered. |

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| Use Case: | Cancel Order |
| Actors: | Customer |
| Condition: | This extends from Accept payment |
| Goal: | To cancel the order if the customer wants to |
| Description: | If the customer wants to and is still able to this allows them to cancel their order. |