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| Class Name: User Management |  |
| Description:  A super User Class containing containing basic User properties like:  ID  Firstname  Last name | Contributors:  Subclasses are Employee and Customer |

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| Class Name: Employee |  |
| Employee completes user transaction.  Adds new item to inventory.  Edit customer info  Updates Item quantity  Answer User messages | Contributors:  User Management  Transaction Management  Inventory Management  User management  Customer message database  Hardware Store Website  Accounting Management |

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| --- | --- |
| Class Name: Customer |  |
| Customer makes purchases from store and online.  Message Employee for help.  Edit info. | Contributors:  User Management,  Message Queue  Hardware store Website |

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| Class Name: Inventory Management |  |
| Description: Manage user inventory. Store/remove Items in database.  Edit items in database.  Display Items in Database  Search inventory Databas | Contributors:  Employee  Hardware store Website  Transaction Management |

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| Class Name: Transaction Management |  |
| Description: Keep track of transactions both pending and completed.  Display transactions | Contributors:  Inventory Management  Employee  Hardware store Website  Accounting Management |

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| Class Name: Accounting Management |  |
| Description:  Keep track of Employee expenses.  Keep track of Hardware store profit  Print Financial Documents/Reports | Contributors:  Admin  Transaction Management |

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| Class Name: Hardware Store Website |  |
| Description:  Allow Customer purchase items online  Allow Customer to message Employee  Allow Customer to Edit Info | Contributors:  Transaction Managements  Employee |

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| Class Name: Appliance |  |
| Description: An appliance is a subclass of an Item from the inventory Store. | Contributors:  Inventory management |

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| Class Name: Small Hardware Item |  |
| Description: An Small hardware item is a subclass of an Item from the inventory Store | Contributors:  Inventory management |

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| Class Name: Message Queue |  |
| Description: A message store for messages sent by Customer  Keep messages in FIFO order for | Contributors:  User Management.  Employee  Customer  Hardware Store website |