**Provide details**

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| Use Case Name | Provide details | Business requirement: System analysis: System design: |
| Use Case ID | -- |
| Priority | High |
| Primary Business Actor: | Customer | |
| Primary system Actor: | Customer | |
| Other Participating Actors: | Shopkeeper | |
| Descriptions | This use case describes the event in which customer is providing his/her details. | |
| Precondition: | Customer must click on the provide detail button. | |
| Trigger: | This use case initiated when the customer request is accepted. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Customer open the website.  Step 2: Customer click on the customer’s interface button.  Step 4: Customer enter the details and click on the save button. | Step 3: System responds by displaying a window “w1- Provide details” to enter the customer and fridge information such as: Id, name, email, contact, address, gender, fridge company, fridge model, date, problems details.  Step 5: Message is displayed that your information has been saved. |
| Alternate Course | -- | |
| Conclusion: | The use case concludes when the shopkeeper receives the customer information. | |
| Postcondition: | The customer information has been recorded and shopkeeper sends the technician. | |
| Business Rules | Customer should give correct address. | |

**Testing of refrigerator**

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| Use Case Name | Testing of refrigerator | Business requirement: System analysis: System design: |
| Use Case ID | MST-002 |
| Priority | High |
| Primary Business Actor: | Technician | |
| Primary system Actor: | Technician | |
| Other Participating Actors: | Customer | |
| Descriptions | This use case describes the event of a technician testing the refrigerator. | |
| Precondition: | Technician must have idea about his work. | |
| Trigger: | This use case initiated when the technician reach the customer house. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Testing is done.    Step 3: Technician select the problem’s from the list which are in the fridge which display in separate grid. | Step 2: System responds by displaying a window “w2- Problem’s list” which contains  compressor problem, water leakage, Thermostat, gas leakage etc. and their description and prices.  Step 4: Another window is displayed “w3-Total amount” which shows the total amount for repairing and a/cc to that customer accept or reject. |
| Alternate Course | Step 2: If the problem is Compressor problem then the price is 5000 & if the problem is water leakage then the price is 2000 & if the problem is Thermostat then the price is 3000 & if the problem is Gas leakage then the price is 2000. | |
| Conclusion: | The use case concludes when the customer ask for problem’s amount. | |
| Postcondition: | Technician tells the problem’s amount of fridge. | |

**Inventory check**

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| Use Case Name | Inventory check | Business requirement: System analysis: System design: |
| Use Case ID | MST-004 |
| Priority | High |
| Primary Business Actor: | Shopkeeper | |
| Primary system Actor: | Shopkeeper | |
| Other Participating Actors: | -- | |
| Descriptions | This use case describes the event of an inventory check of the shop by the shopkeeper. | |
| Precondition: | The shopkeeper must be available and aware of the problem. | |
| Trigger: | This use case initiated when the customer give the advance payment. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Shopkeeper check his inventory. | Step 2: System responds by displaying a window “w4-Inventory check” which shows items and status of items.    Step 3: If in inventory parts of fridge are available, another window is displayed “w5(a)-Items for repairing” which contains s.no, items and quantity. |
| Alternate Course | Step 2: If in inventory parts of fridge are not available, another window is displayed “w5(b)-Items to place order” which contains s.no, items and quantity, then shopkeeper place order. | |
| Conclusion: | The use case concludes when the inventory check is done. | |
| Postcondition: | Shopkeeper place the order. | |

**Generates Bill**

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| Use Case Name | Generates Bill | Business requirement: System analysis: System design: |
| Use Case ID | -- |  |
| Priority | High |
| Primary Business Actor: | Vender | |
| Primary system Actor: | Vender | |
| Other Participating Actors: | Shopkeeper | |
| Descriptions | This use case describes the event of a vender generates bill of the order. | |
| Precondition: | Vender should have material ordered by the shopkeeper. | |
| Trigger: | This use case initiated when the shopkeeper place order. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Vender generates Bill of parts of fridge to shopkeeper. | Step 2: System responds by displaying a window “w6-Bill” to Shopkeeper which contains name, bill id, description, quantity and price.  Step 3: Message is displayed that Welcome to refrigerator’s order has been delivered” |
| Alternate Course | -- | |
| Conclusion: | The use case concludes when the shopkeeper accept the bill. | |
| Postcondition: | Vender deliver order to shopkeeper. | |

**Payment by Shopkeeper**

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| Use Case Name | Payment by Shopkeeper | Business requirement: System analysis: System design: |
| Use Case ID | MST-006 |
| Priority | High |
| Primary Business Actor: | Shopkeeper | |
| Primary system Actor: | Shopkeeper | |
| Other Participating Actors: | Vender | |
| Descriptions | This use case describes the event of a payment given by shopkeeper. | |
| Precondition: | An order should be placed. | |
| Trigger: | This use case initiated when the vender deliver order. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Shopkeeper pay the payment and now parts of fridge are available in shopkeeper’s inventory. | Step 2: Bill is displayed and also system responds by displaying a window “w7-Payment” which contains amount, balance, status and mode of payment. |
| Alternate Course | -- | |
| Conclusion: | The use case concludes when the vender accept the payment. | |
| Postcondition: | Technician repair the fridge. | |

**Repairing of fridge**

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| Use Case Name | Repairing of fridge | Business requirement: System analysis: System design: |
| Use Case ID | MST-007 |
| Priority | High |
| Primary Business Actor: | Technician | |
| Primary system Actor: | Technician | |
| Other Participating Actors: | Shopkeeper | |
| Descriptions | This use case describes the event of a repairing of fridge. | |
| Precondition: | Technician availability. | |
| Trigger: | This use case initiated when the parts are available. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Technician repair the fridge. | Step2: System responds by displaying a window “w8-Repair status” which shows a message that repairing of fridge is done and fridge is deliver to shopkeeper. |
| Alternate Course | -- | |
| Conclusion: | The use case concludes when the shopkeeper accept the fridge. | |
| Postcondition: | Shopkeeper deliver fridge to customer. | |

**Full payment**

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| Use Case Name | Full payment | Business requirement: System analysis: System design: |
| Use Case ID | -- |
| Priority | High |
| Primary Business Actor: | Customer | |
| Primary system Actor: | Customer | |
| Other Participating Actors: | Shopkeeper | |
| Descriptions | This use case describes the event of a full payment given by customer. | |
| Precondition: | Repairing of the refrigerator must be done successfully. | |
| Trigger: | This use case initiated when the fridge is delivered to customer. | |
| Typical Course of Events: | Actor Action | System Response |
| Step 1: Customer pay full payment. | Step 3: When customer accept the price then system responds by displaying a window “w9-Payment” which contains name, bill no, phone no, fridge name, address and amount. |
| Alternate Course | -- | |
| Conclusion: | The use case concludes when the shopkeeper accept the payment. | |
| Postcondition: | -- | |