1) A questionnaire is a set of written questions for obtaining information from individuals, whereas JAD is an information gathering technique that allows the project team, users, and management to work together to identify requirements for the system. In questionnaire, the standard approach is to select a sample, or subset, of people who are representative of the entire group. In JAD, participants are selected based on information they can contribute, to provide a broad mix of organizational levels, and to build political support for the new system. Questions on questionnaires must be very clearly written and must leave little room for misunderstanding; therefore, closed-ended questions tend to be most commonly used. In JAD, closed-ended questions are seldom used, because they do not spark the open and frank discussion that is typical of JAD. In JAD, there can be traditional problems associated with groups as a few people often dominate the discussion, and not everyone participates whereas in Questionnaires this sort of problem does not occur. In JAD, the Integration of Information and User involvement is high, whereas in Questionnaires both of the information are low. The cost of Questionnaires is lower than JAD.

2)Functional Requirement

1. Food Freshness Management
   1.1 The system will allow employee to view the different food quality inventory
   1.2 The system will allow food experts to modify the food quality option in refrigerators
   1.3 The system will record all the new food freshness that are added by the food experts

2. Fresh Food Sales Management
   2.1 The system will allow the managers to record approval of a customer offer.
   2.2 The system will allow the customers to view only fresh rated foods
   2.3 The system will enable managers to record any approval of customer offer.
   2.4 The system will prepare a sales contract.
   2.5 The system will prepare a shop work order based on customer requested dealer options.
   2.6 The system will update the pricing of the food based on the freshness of the food
   2.7 The system will record a customer deposit
   2.8 The system will record a customer payment
   2.9 The system will create a record of the customer's fresh food purchase.

Nonfunctional Requirements

1. Operational
   1.1 The system should run on table PCs to be used by food experts
   1.2 The system should interface with the shop management system.
   1.3 The system should connect to printers wirelessly

2. Performance
   2.1 The system should support a team of 5 food experts.
   2.2 The system should be updated with pending offers on food freshness every 2 days.

3. Security
   3.1 No food experts can access any other food experts food review.
   3.2 Only the owner may approve customer offers for food freshness
   3.3 Use of each table PC should be restricted to the salesperson to whom it is assigned

4. Cultural and Political
   4.1 Company policy says that all computer equipment is purchased from Dell.
   4.2 Employee's personal information is protected in compliance with the Data Protection Act.
   4.3 The system will conform to the State's Law.

3) Functional Requirement

1. Security Guard Management
   1.1 The system will allow security guards to view the current new lost product.
   1.2 The system will allow security guards to modify the products if they are found
   1.3 The system will record all the lost products that are found

2. Student Management
   2.1 The system will allow the students to request access of Lost and found server
   2.2 The system will allow the students to leave a message of the particular product they have lost
   2.3 The system will enable the students to check the product once the descripted products matches with the lost product
   2.4 The system will record the student details after they get their lost product
   2.5 The system will record the time the student gets the product

Nonfunctional Requirements

1. Operational
   1.1 The system should run on BRACU computers to be used by security guards
   1.2 The system should interface with the BRAC University Official Application.
   1.3 The system should connect to students device wirelessly.

2. Performance
   2.1 The system should support a team of 5 BRAC University staff.
   2.2 The system should be updated with pending lost products every 12 hours.

3. Security

    3.1 No students can access all the lost products at once.

    3.2 Only the security guards may approve the student access.

    3.3 Use of the system should be restricted to the employees rather than the security guards

4. Cultural and Political

    4.1 University policy says that all students should show their student id cards.

    4.2 Security Guards personal information is protected in compliance with the Data Protection Act.

    4.3 The system will conform to the University Rule.