

Lab 5 | IT314 Software Engineering

Group: 25

Project: Online Grocery Shopping

Q1)

The ambiguities and omissions for the given set of requirements for ticket issuing system are :

1. Is cancellation of tickets possible?
2. Error message for invalid card inputs.
3. How does the customer know that the card has to be used after the destination selection unlike ATM machines?
4. Issuing multiple tickets of the same or different destinations in a single transaction.
5. Can a user buy a ticket between any two stations or just between the current station and particular destination
6. Will the system contain information about train timings?
7. Will the user get the receipt of his ticket?
8. What is the Personal Identification Number that the user enters initially?
9. Is refund available for ticket payment ?

Q2)

Functional Requirements

1. Users can search for books.
2. Non-user can search for books.
3. Users can issue books online.
4. User can return books online
5. The system also enables a member to extend the date of his borrowing if no other booking for that particular book has been made.
6. The librarian should be able to add or remove books.
7. User Registration

Non-Functional Requirements

1. Performance of the system should be fast and accurate.
2. The System should run only within the institute LAN.
3. System should be able to handle large data.
4. Should have a backup server for safety.
5. System should notify users about availability of books, overdue etc.
6. System should not store passwords in plain text.