SE 2001: Software Requirements Engineering (A)

Quiz 2

Time: 20 minutes   Max Marks: 20   Roll No. ___Solution___

Q1   **10 Marks**

Label each of the following requirements as Testable (T) or Not-Testable (NT) in appropriate cell against each requirement. Two of the requirements have been already labeled for your ease and understanding

Requirements	Sr. No.	T / NT
The system shall allow the customers to enroll themselves with less effort.		NT
The system shall allow the customers to place an order through internet instantly.		NT
The system shall allow the analyst to provide at least one borrower's name for a loan.	1	T
The system shall respond to the analyst's request for information immediately.	2	NT
The system shall advise the user politely if the user's search request is illegal.	3	NT
The system shall display the information of multiple lenders in separate tabs.	4	T
The system shall process the loans ranging from the amounts 100,000 to 1,000,000 PKR.	5	T
The system shall validate loan applications.	6	NT
The system shall change the rating of a borrower from good to late on admin's request.	7	T
The system shall allow the analyst to access the repository with ease.	8	NT
The system shall allow the analyst to change the type of loan within no time.	9	NT
The system shall allow the analyst to use Loan Arranger feature.	10	T

Q2   **10 Marks**

If there are any Non-Testable (NT) requirements in Q1, make them testable. Rewrite the requirement and your rewritten requirement statement should be a testable requirement. Use the serial number mentioned in Q1. If there are no NT requirements in Q1, clearly state why each of the requirements labelled as T (by you) is testable.

2. The system shall respond to the analyst's request for information within 5 ms of the request.

3. The system shall advise the user politely with the message 'Please make a legal search request', if the user's search request is illegal.

6. The system shall validate loan applications on request of the analyst.

8. The system shall allow the analyst to access the repository in maximum two clicks after login.

9. The system shall allow the analyst to change the type of loan within 5 ms of the request.