

SE 2001: Software Requirements Engineering (B)

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.		T
The system shall allow the customers to place an order through internet instantly.		NT
The system shall be available for use by the analyst.	1	NT
The system shall provide the report in csv format on request of the analyst	2	T
The system shall allow the analyst to create a new lender immediately after receipt of a loan application.	3	NT
The system shall assign a unique identifier to each lender within no time.	4	NT
The system shall work.	5	NT
The system shall display every record in a single line, without breaks	6	T
The system shall be used by up to 4 analysts.	7	NT
The system shall allow the analyst to review information of a particular borrower	8	T
The system shall not allow the change in type of loan	9	T
The system shall allow the analyst to change details of a lender if the lender is new.	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.

1. The system shall be available for use by the analyst for 99% of the time during working hours.
3. The system shall allow the analyst to create a new lender within 12 hours after receipt of a loan application.
4. The system shall assign a unique identifier to each lender within 5 ms of its record creation.
5. The system shall work correctly for all the specified loan related requirements.
7. The system shall be used by up to 4 analysts simultaneously.