

SE 2001: Software Requirements Engineering (A)

Quiz 1

Time: 20 minutes

Max Marks: 20

Roll No. _____ Solution _____

Q1

10 Marks

Label each of the following requirements as Functional (F) or Non-functional (NF) in appropriate cell against each requirement. Two of the requirements have been already labeled for your ease and understanding

Requirements	Sr. No.	F / NF
The system shall allow the customers to enroll themselves		F
The system shall allow the customers to place an order through internet.		NF
The system shall available for use by the analyst for 95% of the business day	1	NF
The system shall provide the report in csv format on request of the analyst	2	F
The system shall allow the analyst to create a new lender	3	F
The system shall assign a unique identifier to each lender	4	F
The system shall work on Unix system	5	NF
The system shall display every record in a single line, without breaks	6	NF
The system shall be used by up to 4 analysts at a given time	7	NF
The system shall allow the analyst to review information of a particular borrower	8	F
The system shall not allow the change in type of loan	9	F
The system shall allow the analyst to change details of a lender if the lender is new.	10	F

Q2

10 Marks

We need to write software for presentation scheduling. This system is required within next 4 weeks. The system keeps records of which presenter shall present on which date. No presenter should be scheduled to give more than one presentation. At maximum only four presentations can be scheduled on a particular date. There should be operations to add and remove presentations from the schedule, swap dates of the presentations, list schedule for a particular date, know the date of presentation for a

particular presenter, and send a reminder message to the presenter on the day of presentation. The software needs to be written in PHP. It will use a database management tool, which is MySQL.

List 3 functional and 2 non-functional requirements for the Presentation Scheduling System (PSS) in standard format with hierarchical numbering.

Functional:

1. The PSS shall not allow the scheduling of more than four presentations on a particular date
2. The PSS shall make sure that no presenter is scheduled to give more than one presentation
3. The PSS shall allow the user to add and remove presentations from the schedule
4. The PSS shall keep record of presentations by different presenters
5. The PSS shall allow the user to list schedule for a particular date
6. The PSS shall allow the user to swap dates of presentations
7. The PSS shall allow the user to know the date of presentation for a particular presenter
8. The PSS shall allow the user to view the date of presentation for a particular presenter

Non Functional:

1. MySQL shall be used as a DBMS
2. The system shall be developed using PHP
3. The system shall be completed and deployed within next 4 weeks