

Umar Jaroog Section - B

ID: 14740

Software EngineeringQuestion

Suggest how an engineer responsible for drawing up a System requirement Specification. ---

Answer

Engineer would have to make a System Requirement Document. An Engineer could provide document for each functional and non-functional requirement. The Engineer should use natural language for non-functional requirements and structured language for functional requirements. The functional requirements are more for developer eyes and to use. The non-functional requirements are what user wants and what the expect to get out of the software being developed. The engineer would also have to make sure that the non functional

requirements don't conflict with the functional requirement.

Question

To reduce costs and the environmental impact of commuting your company decides to close a number of offices and to provide support for staff to work.....?

ANSWER

If the company decided to close down a number of offices that were specialized in using agile method they may face a multitude of difficulties. When a company is driven by a close team and is divided they will be unable to have daily meetings. Which can cause issues with communication. programming in parts would not be possible a communication gap would be created. productivity will slow down due to communication

Question (4)

Ambiguities and omission include:

- a) Can a customer buy several tickets for the same destination together or must they be bought one at a time?
- b) Can customers cancel a request if a mistake has been made?
- c) Can customers cancel a request if a mistake has been made?
- d) What happens if customers try to put their card in before selecting a destination (as they would ATM machines)?
- e) Must the users press the start button again if they wish to buy another ticket to a different destination.

Question (5)

→ The user inserts card into the reader. The ATM asks for PIN. User enters PIN correctly. The ATM displays user's bank information and user withdraws money. The ATM dispenses the money.

→ The user inserts card into the reader. The card cannot be read. The ATM displays the error and ejects the card.

→ The user inserts card into the reader. The ATM asks for PIN. User enters PIN incorrectly 5 times. The ATM alerts the bank of a possible stolen card.

issues. and detecting errors would be quite difficult. These problems can be avoided by creating merging offices together so pair programming and daily communication platform can be established if that is not possible. a. communication can be platform consisting of webcams desktop viewing software and microphones should be created to allow better communication.