

Surprise Test - 1

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Subject Name: Software Engineering

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Q3. SRS is known as the black box specification of system. Discuss in detail.

Answer:

SRS document is a contract between the development team and the customer. Once the SRS document is approved by the customer, any subsequent controversies are settled by referring the SRS document. The SRS document is known as black-box specification. Since the system is considered as a black box whose internal details are not known and only its visible external (i.e. input/output) behavior is documented. SRS document concentrates on what needs to be done and carefully avoids the solution (“how to do”) aspects. The SRS document serves as a contract between development team and the customer. SRS should be carefully written. The requirements at the SRS stage are written using end-user terminology. If necessary, later a formal requirement specification may be developed from it.

It should only specify what the system should do and refrain from stating how to do these. This means that the SRS document should specify the external behaviour of the system and not discuss the implementation issues.

The SRS document should view the system to be developed as black box, and should specify the externally visible behaviour of the system. For this reason, the SRS document is also called the black-box specification of a system.

Evaluation Grid (To be created as per the SOP and Assessment guidelines by the faculty):

Sr. No.	Parameters	Marks Obtained	Maximum Marks
1.			
2.			
3.			
4			