

Q8. Explain BA contributions in project (Waterfall Model – all Stages)

Requirements Gathering: - BA will gather requirements from Client by using elicitation techniques results BRD Doc.

Requirements Analysis: - Analyze and Document the business needs in the Form of BRD and SRS Documents

- BA will prepare the FRS and gather NFS from the technical team results SSD Doc
- BA will combine both FRS and SSD and SRS
- Doc Sign off From the client i.e SRS
- BA Will prepare RTM according to SRS

Design:- Collaborate with solution architects and designers to ensure requirements are accurately interpreted.

HDD, ADD and solution document will be generated here.

Highlevel Design Doc.: -BA Collaborate with designers, architects, and developers to translate requirements into system design.

BA Ensure that the design aligns with the documented requirements and addresses stakeholder needs.

Development

The Development phase include implementation. It involves coding the software based on the design specifications.

Programmers or developer are involved in this phase.

Here BA acts as a mediator between the development team and the stakeholders.

BA clarifies the requirements, check if the development is going on right track or not.

BA also participates in scrum meeting

Testing: - In the testing phase, the software is tested as that it meets the requirements and is free from defects.

Testers are involved in this phase.

Test Case Doc is generated

BA Works with testing team to ensure that the solution meets requirements

BA facilitate UAT

BA helps the users to know the functionality of the system and also helps them to use the system

Deployment:-

Once the software has been tested and approved, it is deployed to the production environment.

BA ensures that there is smooth transition from development phase to the production phase.

Implementation-

This is the final stage of waterfall model. It involves running the code for the very first time in production phase. Release manager handles this phase.

BA will Update documentation and requirements specifications to reflect changes in the system over time

Maintenance-

Running the code for second time in the production phase is called maintenance. This is done by support team

10. List down the reasons for project failure

- Improper Req Gathering
- Continuous change in requirements from Clint
- Lack of user involvement
- Lack of Executive support
- Improper planning
- Poor communication between Ba and Stake Holder and Ba and Tech Team
- Lack of risk management

11. List the Challenges faced in projects for BA

- Lack of training
- Obtaining Sign off on Doc
- Change Management
- Coordination between developers and Testers
- Conducting Meetings
- Driving clients for UAT
- People Management

12. Write about Document Naming Standards

As per IEEE:- Institute of electrical and electronics Engineering

[ProjectID][Document Type]V[x]D[y].extension

Ex:- SF1FRSV1D1.Doc

13. What are the Do's and Don'ts of a Business analyst

- Never say no to client
- There is no word called by default
- Never imagine anything in terms of GUI
- Question the exitance of existence
- Requirement hurried-project buried.
- Never criticize the stakeholder.
- Always appreciate the stakeholder even for small efforts.
- Be like a lotus in mud
- Never try to give solutions to the client right away

14. Write the difference between packages and sub-systems

Packages	Sub Systems
Collections of components which are not reused in nature	Collections of components which are reused in nature
They are application based	They are Product Based

15. What is camel-casing and explain where it will be used

Camel Casing is a naming convention used in programming where:

- Multiple words are joined without spaces, and
- Each word (except the first, in lowerCamelCase) starts with a capital letter.

This Camel Casing is a method used as a communication technique or transfer of info between two class

Programming (Code)

OOP

Data Base

16. Illustrate Development server and what are the accesses does business analyst has?

Development server:- It's a platform for developers and tester where they will develop and test the code and Fix issue

BA will have access to public Doc and Code and Testing in Development server

18. What is API. Explain how you would use API integration in the case of your application format is dd-mm-yyyy and it is accepting some data from Other Application from US whose Date Format is mm-dd-yyyy

API (Application Programming Interface) is a set of rules and protocols that allows two software applications to communicate with each other.

Think of it as a messenger that takes your request to a system, tells it what you want, and then brings the response back.

API Integration is the process of connecting two or more applications via their APIs to share data or functionalities seamlessly.

Example: API Integration in My Application (Date Format Handling)

Let's say we're building an Indian food delivery app that accepts date input in dd-mm-yyyy format (Indian format). Now, we're integrating with a partner app from the US that sends date in mm-dd-yyyy format.