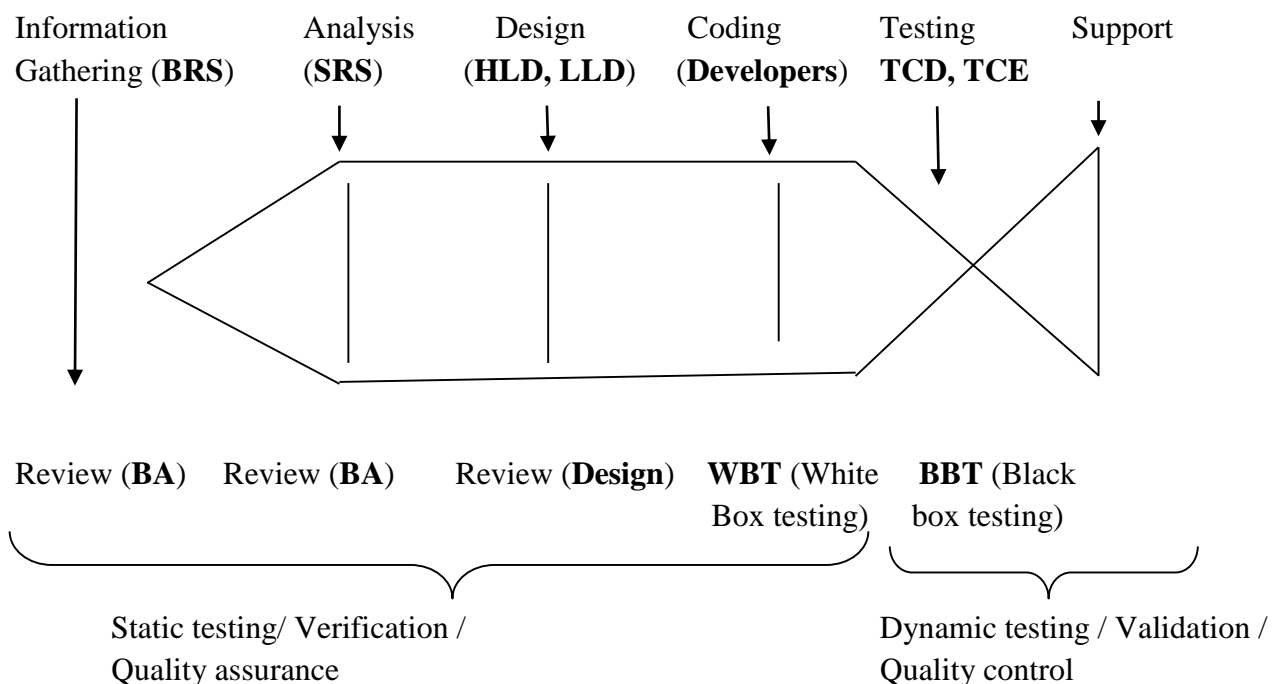


Fish Model



- Fish model is an **advanced version of SDLC**
- Fish model consist of **verification & validation**
- **EX-**
Tata & Tesla
Pre Launching- One charge- 100km
Actual- one change -100km
Review/Feedback
- **Review-** It is process to check **correctness & completeness of own documents**

Verification

- Verification process is known as Quality assurance/Static testing
- Verification process is a actually **review process**

Requirement gathering

- In requirement gathering, BA collects/gathers customer requirements & prepare BRS document

Analysis

- In the analysis, BA prepares SRS document from BRS document

Review

- After the preparation of SRS document. BA has to check SRS document, whether it is correct or not because all the further process depends on the SRS document
- This checking process is known as **review process**

Design

- System architecture divides design in to HLD & LLD
- After completion of design phase, design architecture has to do **review process**

Coding

- When developer complete coding, developer has **to check / review all the code**
- Developer has to compile code, find errors & fix errors. This process is called unit/code level testing

Static testing

- In the static testing process **responsible authority do only review process**

Validation

- Validation process is known as **quality control/dynamic control**
- Dynamic testing focuses on **quality of the product**
- Overall functionality/ entire functionality of the product/application/software is checked step by step from start to end
- Validation includes **BBT & GBT**

Testing

- Tester test the overall functionality step by step from start to end
- Execute positive & negative scenario

Difference between verification & validation

| Sr. No | Verification | Validation |
|--------|---|---|
| 1 | This process known as Quality Assurance | This process known as Quality Control |
| 2 | It is process oriented, during the process - we are providing assurance about QA | It is product oriented , during or after testing we are providing assurance about QC |
| 4 | Also known as static testing | Also known as dynamic testing |
| 6 | Verification is review process | Validation is End to End Testing process |
| 7 | It is an Preventive Technique – Main aim is prevent the Defect/Bug | It is Corrective Technique – identify the defects & provide fixes |

Difference between Static & Dynamic Testing

| Sr.No | Static testing | Dynamic testing |
|-------|---|---|
| 1 | In Static testing BA, designer & Developer are checking their own documents, design & code | In dynamics testing, Tester will check functionality of the application |
| 2 | In Static testing BA, Designer & Developer are present | In dynamics testing Tester is working |
| 3 | Static testing also called Verification | Dynamics testing also called Validation |
| 4 | Throw Static testing, we will define quality assurance of the application | Throw dynamic testing, tester will define quality control the of the application |
| 5 | Static testing also called In-progress testing | Dynamic testing also called End-progress testing |

Interview Questions

1. What is software testing
2. Manual Testing
3. SQA? Features?
4. What is SDLC? Stages in SDLC?
5. How Many tester & Developers in your Team?
6. What do you mean by SRS & BRS documents? Or Difference?
7. Black Box testing?
8. What is Gray box testing?
9. Are you be the part of WBT?
10. Did you worked as Gray box tester?
11. Testing start before development or after development?
12. What is software project?
13. What is snapshot
14. Team size? Roles?
15. Who is good tester?
16. Why you joined as a tester?
17. What is team size in last project?
18. What is the tester in your project?

Answer- In my last we have 4 testers. In which I am working a Manual Tester, Test lead working as Manual/Automation/API testing. 2 Tester- 1 work manual testing & 1 automation testing

19. What is size of developer in your project?
20. In which team you have worked?
21. What are SRS documents & have you see SRS documents
22. When are we starting the testing?

Answer- Whenever we got SRS documents from BA throw Mail, then we are ready / understand SRS documents. If we have doubts in SRS, then we are conducting the meeting with BA. When we have cleared the doubt in SRS documents, we start TCD & TCE

23. What are SRS documents will contain?
24. What is difference between WBT & BBT
25. What is difference between Static Testing & Dynamic Testing
26. What is difference between Verification & Validation