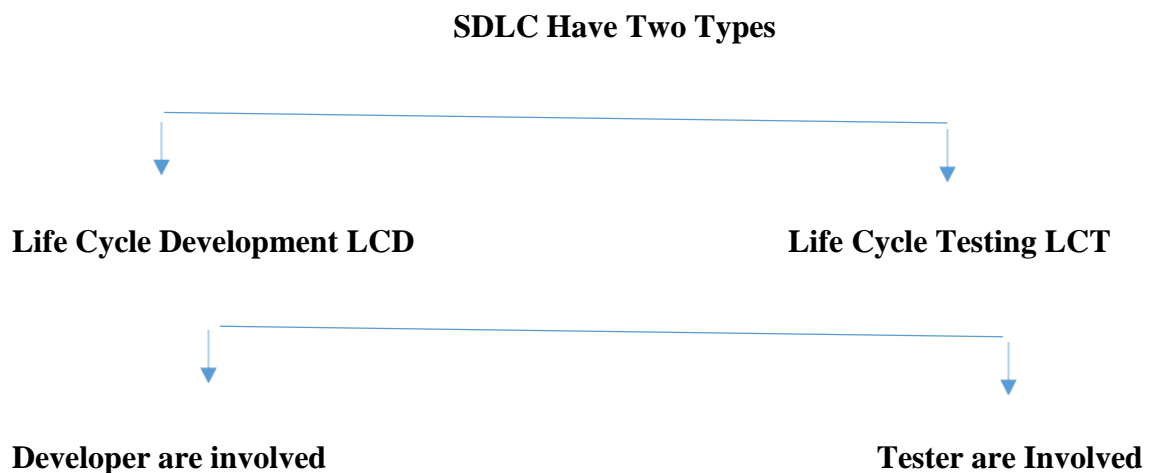


Process-

- Process a way to develop & test the software/ application
 1. SDLC (software development life cycle)
 2. Waterfall model/ Process
 3. V-Model/ Process
 4. **Agile model/process**
- **Who will decide the Process**
- If Client has IT department – then Client will decide the Process ex. HSBC
- If Client not has IT department – then Company will decide the Process ex. Cred
- **Process decided**
- Ex. HSBC company → Client has IT department → Wipro → Project process by Client
- Ex. Cred → Client don't IT department → Accenture → Project process will decided your company

SDLC – Software Development Life Cycle

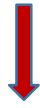


SDLC-

It is a process used by the software industry to design, develop and test the high quality software.

SDLC is process which includes following stages (06 stages)

Information Gathering



Analysis



Design



Coding



Testing

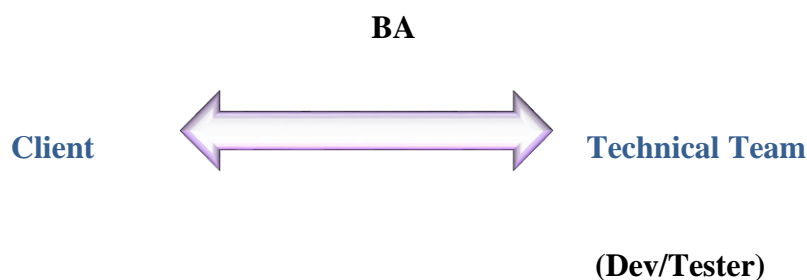


Maintains

- SDLC different stage
- 1. **Information gathering / BRS** (Business requirement specification) → BA → Collect the requirement from Client
- 2. **Analysis/ SRS** (Software requirement specification) → BA → Functional requirements
- 3. **Design** → **Designer** → prepare the HDL (High level design), LLD (Low level design)
- 4. **Coding** → **Developer** → developer will do coding on LLD
- 5. **Testing** → **Tester** → Tester will **TCD** (Test case designed), **TCE** (Test case execution)
- 6. **Support/ maintenance** → Application/ software support

Information gathering

- BA is responsible for information gathering
- Information gathering means requirement gathering
- In these stage **BA will interact with Client & collect requirement related to client business**
- In these stage BA will **prepared a BRS (business requirement specification)**
- **BRS** defines **business related requirement for the application**
- **Ex.** Client business/project → End user a Platform/ application → End user bedding → Client will take charge from end user → Application = Dream 11
- **Ex.** Client Project – Platform – End user application login – access / plane – service you see - Hotstar/ amzone Prime
- BRS documents we don't get (developer & tester)
- **BA is taking Requirement from clients/Customers & Preparing BRS document**
Simply it acts as **bridge between**



Analysis

- In analysis stage, **BA is working**
- BA will communicate to the client & collect requirement from Client, against these **requirement related to functionality of the application**
- BA again prepared a documents **SRS (Software requirement specification)**
- SRS also called **FRS (functional requirement specification)/ CRS (customer requirement specification)**
- SRS defines **software/ functional requirement to be development & system requirement that will used**
- **Ex.** Paytm – Recharge Module → Mobile no. text box (10 digits no.) & Circle selection & operator text box → Browser planes new tab
- **SRS** will contains

1. **Functional requirement** (Project – multiples requirement)
2. **Functional flow diagram** – (Step by Step flow)
3. **Use Case** –(specify requirement/ 1 requirement)
 - A. **Description** – Details about requirement
 - B. **Acceptance criteria**-Does & Don't about requirement
4. **Screen shot/ Snapshot/ Prototypes** – Application without functionality