SDLC > System Development Life Cycle

Stages through which a system goes during its lifetime

1. Problem Identification by doing Analysis of the existing system **(MOST CRITICAL)**
2. Propose some solutions
3. Feasibility Study
4. Analysis of the proposed system
5. Design
6. Testing
7. Implementation
8. Maintenance **(LONGEST)**

**Models**

1. Waterfall : where requirements are fixed, team is experienced, system is small
2. Spiral
3. Prototypes
4. Agile
5. Incremental

Why Virtual Machine : We can create different VM on our system



