

# SDLC

# WATERFALL MODEL



## Requirement Analysis

All possible requirements of the system to be developed are captured in this phase and documented in a requirement specification document.

## Design

The requirement specifications from first phase are studied in this phase and the system design is prepared. This system design helps in specifying hardware and system requirements and helps in defining the overall system architecture.



## Implementation

With inputs from the system design, the system is first developed in small programs called units, which are integrated in the next phase.

## Testing

All the units developed in the implementation phase are integrated into a system after testing of each unit. Post integration the entire system is tested for any faults and failures.



## Deployment

Once the functional and non-functional testing is done; the product is deployed in the customer environment or released into the market.

## Maintenance

There are some issues which come up in the client environment. To fix those issues, patches are released. Also to enhance the product some better versions are released.

