**SDLC**

To develop any s/w project we have to follow the following SDLC phases……….

1. Requirements Gathering:

In this phase we gather all the requirements from the client, i.e. what are the client expected input, output……

1. Analysis:

In this phase based upon the client requirements we prepare one documentation is called “High Level Design Document”. It contains Abstract, Functional Requirements, Non Functional Requirements, Existing System, Proposed System, SRS,………

1. Design:

It is difficult to understand the High Level Design Document for all the members, so to understand easily we use “Low Level Design Document”. To design this document we use UML (Unified Modeling Language). In this we have Use case, Sequence, Collaboration……..diagrams

1. Coding:

In this phase we develop the coding module by module. After developing all the modules we integrate them.

1. Testing:

After developing we have to check weather client requirements are satisfied or not. If not, we are again going to develop.

1. Implementation:

In testing phase if client requirements are satisfied, we go for implementation. i.e. we need to deploy the application in some server.

1. Maintenance:

After deployment, if at all any problems come from the client side; we are providing maintenance for that application.