# Introduction to Analysis

Analysis can be defined as detailed examinsation of the information or data and also can be evaluated. It can also be said as the process where we devided the elements into smalled components to make a clear understanding of the information or data. It also provides funmentals for taking better decision and solving problems.

The first stage of SDLC (Software Development Cycle) is analysis. This stage is very important to determine and define the goals and objective of the project. During the analysis stage, possible prooblems are identified and also solution of the problems. Recommendations are given for the improvement of the project. Costs, benefits, project's pros and cons are taken into account for proper planning of the proejct..

Before staring the development works system requirements are analysed and after this analysis process system requirement specification and its detail is created.

# Analysis Methodology

Object Oriented Design Methodology is the analysis methodology i have choosed to use. Applying this methodlogy enables to build a more rigid working system which is well-designed.

Single entities called objects are used in Object Oriented Approach. Complex relationships can be represented in Object Orriented models. This also helps us for better analysis and designning. The main aim of this methodology is to make improvement in the quality of system analysis and design.

# Fesibility Study

Intial design phase of the project where elements og knowledge is gathered to see if the project is possible or not. Some of the types of feasibility study are:-

Technical Feasibility Study

It is a study done to find out whether the organization have the technological resources and people working on the project have the capabilities to undertake the project. It covers the important aspects of engineering which is required for the projects's design.

Schedule

Eonomic Feasibility Study

Cultural Feasibility Study

Political Feasibility Study

Safety Feasibility Study