Requirements And Analysis Document

The requirements determine PROJECT SCOPE, and are obtained from Client interviews; they must be precise and at a sufficiently detailed level. The R&A Document is your analysis of what the client wants from the developed product. This document must be validated by your Client, as it is vital to project success that what you develop is what the Client actually wants.

Work Breakdown Structure (WBS)

The WBS, a process of scope management, involves subdividing the major project requirements into smaller, more manageable components. All requirements identified in the R&A Document are hierarchically decomposed until only atomic or individual tasks (or work packages) remain. This WBS represents a natural progression from the R&A Document, and is vital to **both** project management and software development.

The development of the project schedule is a process of time management; it is dependent upon and utilizes a well defined and sufficiently detailed WBS. All tasks (or work packages/activities) defined in the WBS are processed according to their definition, sequencing (using network diagrams), resource estimation, and duration estimation. The schedule can be graphically represent--ed in a Gantt chart, which usually utilizes critical path analysis (determined via a network diagram and dependency determination).

Project Schedule

The Design Document is your blueprint for the design phase of your project. The design phase encompasses all of the planning for building and testing the software product. All work packages in the WBS are arranged and represented according to the design methodology chosen for the development of your particular product.

Design Document