

My web site



3. SYSTEM REQUIREMENT STUDY The requirements gathering process is intensified and focused specifically on software. Software requirements analysis encompasses understanding the information domain for the software as well as required function, performance, behavior and interfacing. Requirements for both the system and the software are documented and reviewed with the customer. 1. DESIGN Software design is a multi-step process that focuses on four distinct attributes of a program: data structure, software architecture, interface representation, and procedural details.

The design process translates requirements into a representation of the software that can be assessed for quality before code generation begins. The design is documented and becomes part of the software configuration. 2. CODE GENERATION The design is translated into a machine - readable form. If design is performed in a detailed manner, code generation can be accomplished mechanistically. 3. TESTING The testing process focuses on the logical internals of the software, assuring that all statements have been tested, and on the functional externals i. e. conducting tests to uncover errors and ensure that defined input will produce actual results that agree with required results. 4. MAINTENANCE Software maintenance applies to following phases in the existing program: a. Change in software due to errors. b. Change in software because the software must be adapted to accommodate changes in its external environment. c. Change in software when the customer requires functional or performance enhancements. 1. USER CHARACTERISTICS Analyzing user characteristics is an important aspect of any project.

It allows the team to clearly define and focus on who the end users are for the project. Also, it allows the team to check the progress of the project to ensure the team is still writing the product for the correct users.

**REGISTERED USER** This user has to have at least WINDOWS 2000 OS and Internet browsing skills for administrating the system.

**2. HARDWARE & SOFTWARE REQUIREMENTS**

- **SERVER**
  - o Hardware Requirements:
 

Sr. No	Components	Description
1	Processor	P-4 2. GHz
2	Main Memory (RAM)	128 MB DDR
3	Hard Disk	40 GB
4	Others I/O Devices	15 “ Color Monitor
5	LAN Card	100 MBPS
  - o Software Requirements:
    - ? Microsoft . NET Framework 2. 0
    - ? Microsoft Internet Explorer 5. 0
    - ? Microsoft Internet information Services
- **CLIENT**
  - o Hardware Requirements:
 

Sr. No	Components	Description
1	Processor	P-4 2. 0 GHz
2	Main Memory (RAM)	128 MB DDR
3	Hard Disk	10 GB
4	Others I/O Devices	15 “ Color Monitor
5	LAN Card	100 MBPS
  - o Software Requirements
    - ? Internet Explorer 5. 0

Considerations • If any user wants to access any information regarding the project then he/she has to login into the application using the password given to him/her. 7. Assumptions & Dependencies • Project will be designed to be maintainable in the future. • Recovery and back-up services will be provided by system administrator.