

*Helping You Achieve Your Goals*



Digital Nervous Systems

## ***DO YOU OWN YOUR SOFTWARE !!!***

It is incredible how much effort we devote on developing a good software programme.  
**But for whom ???**

We invest thousands of man hours and lakhs of rupees in the development process. **But do we ever get the final and tangible product ???**

While developing a software, one almost always ends up developing or creating a good software professional who experiments with your systems, learns from your organization and then leaves you to seek better opportunities. You end up with a mess of software codes which no one can understand or maintain or develop further.

A study was conducted by Marcello Visconti and Curtis R. Cook to assess the most important challenge of a software development life cycle. 91 projects were accessed in 41 companies over a seven year period involving 370 software professionals. The results : almost everyone pointed to the need to recognize the importance of improving the documentation process.

While leading software companies spend only **20 to 30% of their effort in software coding**, software development in the non-organized sector continues to be almost 100% coding oriented !!!

The result is a software that is difficult to maintain, and a product that is dependent on the individuals who have developed it. A high employee turnover rate in the software industry aggravates the situation.

When the programmer leave the organization, the new programmers require more time to get acquainted with the existing software due to absence of proper software development mechanisms and documents. This results in low utilization ratios of employees, high cost and poor quality.

The following chart depicts the picture in a better way.

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**LEMON TECHNOLOGIES PVT. LTD.**

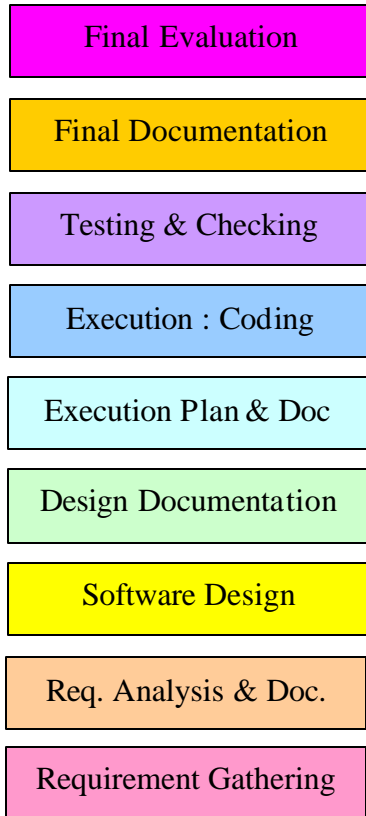
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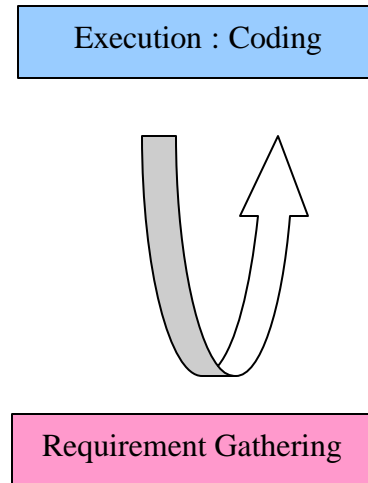
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SCIENTIFIC SOFTWARE  
DEVELOPMENT LIFE CYCLE\*



SOFTWARE DEVELOPMENT IN A  
TYPICAL ORGANIZATION

\* The aforesaid is just a simple overview of the actual software engineering process which is much more complex, iterative and detailed.



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Keeping in view the long term needs and interests of the companies involved in software development, we, at Lemon Technologies offer solutions for implementing better methodologies for software development by using software engineering tools to perfect the software development life cycle. These solutions focus on the following areas

### **Consultation Services in Software Development**

Consultation services offered by Lemon Technologies include establishment of software engineering activities, establishing mechanism for product and process documentation and establishing mechanisms for developing software process, measurement & monitoring metrics resulting in smooth operations.

### **Software Documentation**

Software documentation includes reverse engineering activities to document the already developed software. Proper software documentation results in an improved learning curve for programmers and results in ease of maintaining the software. Software product documentation proves to be advantageous in software enhancement.

### **Software Design**

Lemon Technologies offers services in software design. Software analysts, at Lemon, understand the needs of the client, develop the design of the software and delivers the design document to the client for its in-house software department for coding.

### **Copyright Protection**

Lemon helps clients get copyright registration for their softwares. Intellectual property right protection is an important tool to provide our clients ownership of their softwares and protect their interests.

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