

V-EMPOWER TECHNICAL COMPETENCE & WORKFLOW

- Since 2000

THE CORE SERVICE

- Software & Web Application Development
 - Reengineering & Migration
 - Application Maintenance

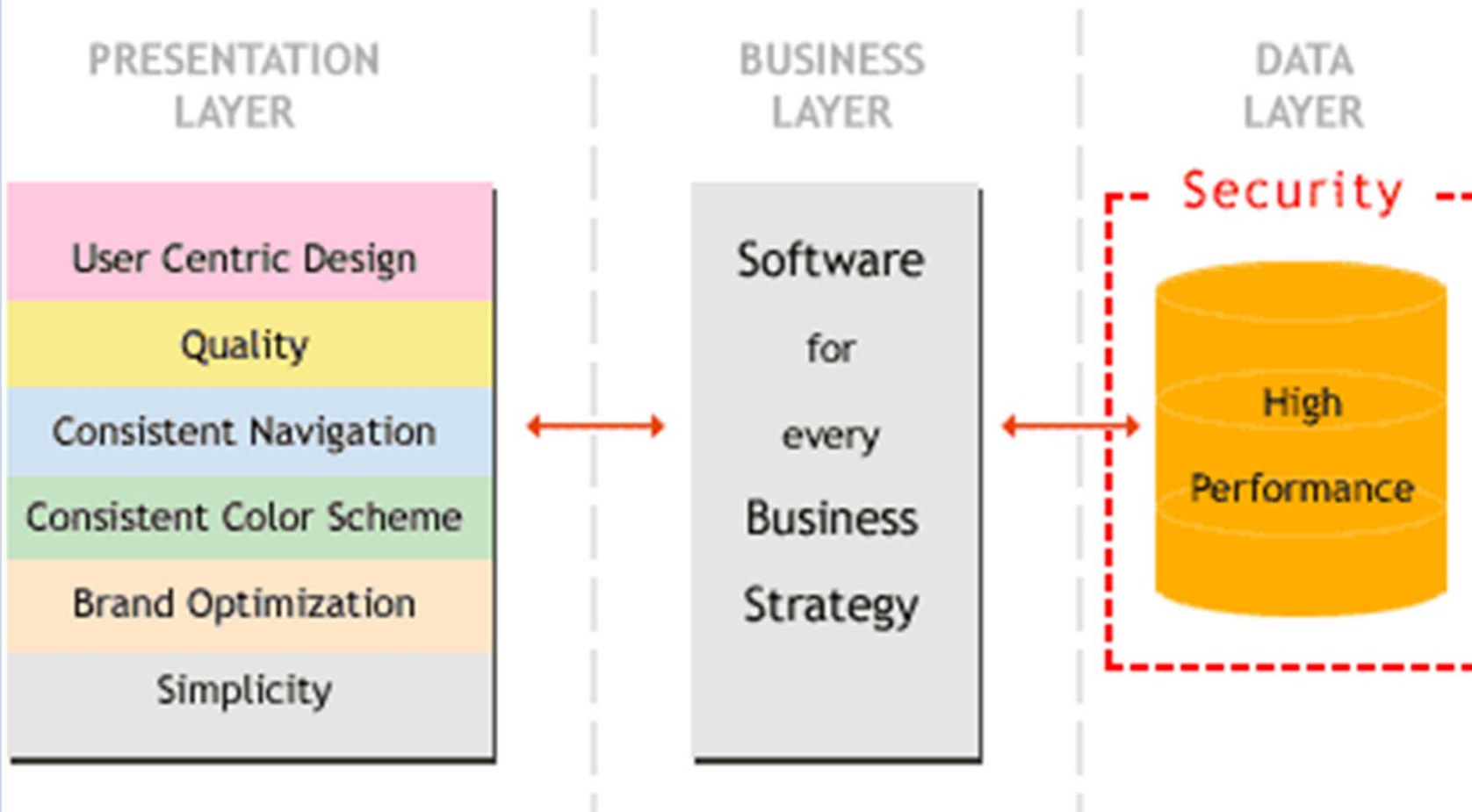


WEB ARCHITECTURE

- THE FOUNDATION STONE



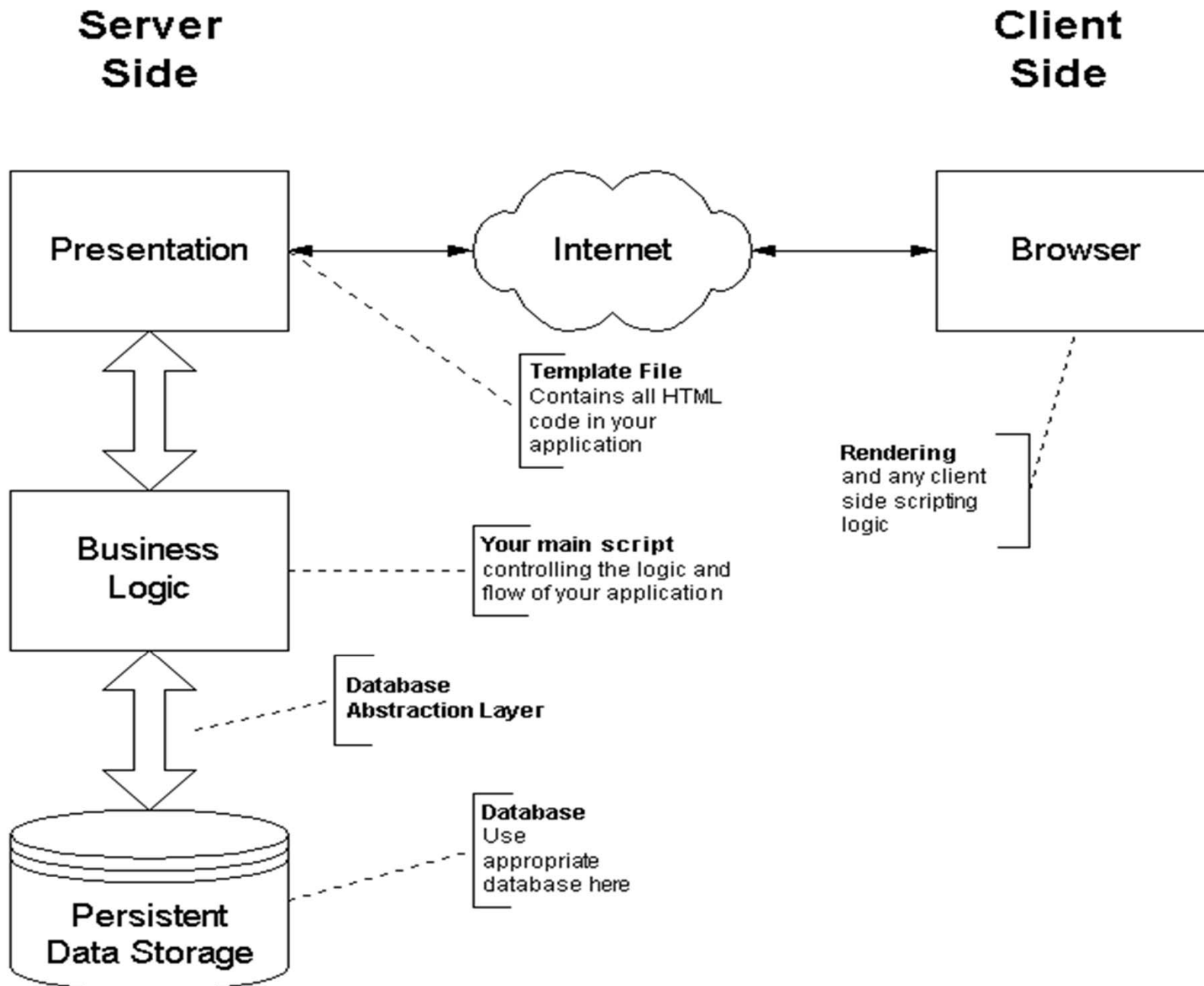
V-Empower's Web Project Architecture



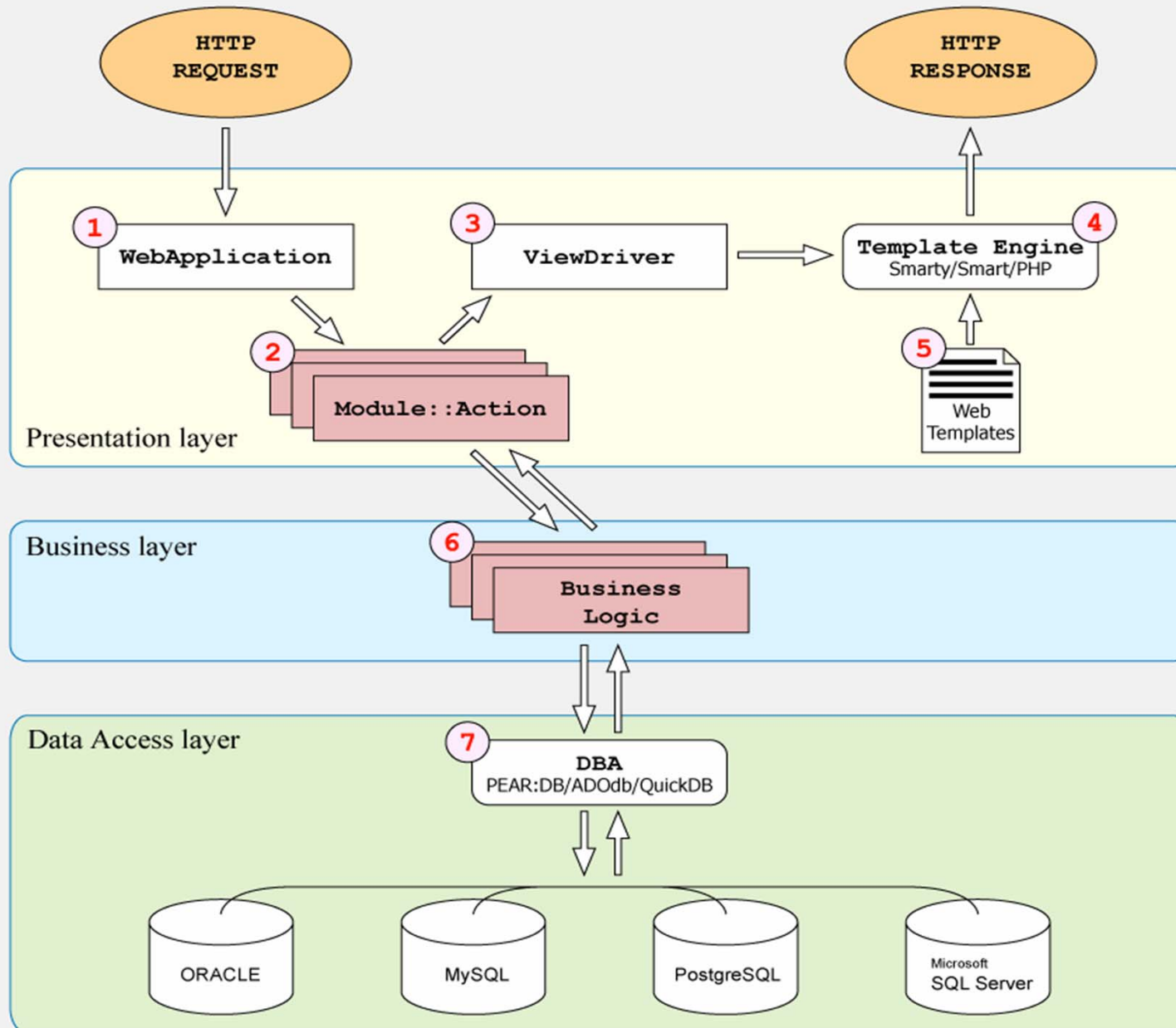
This is a typical web architecture at V-Empower, this is the essence of every architecture we implement in different technologies and projects



A Server Side and Client Side Presentation



N -Tier Presentation

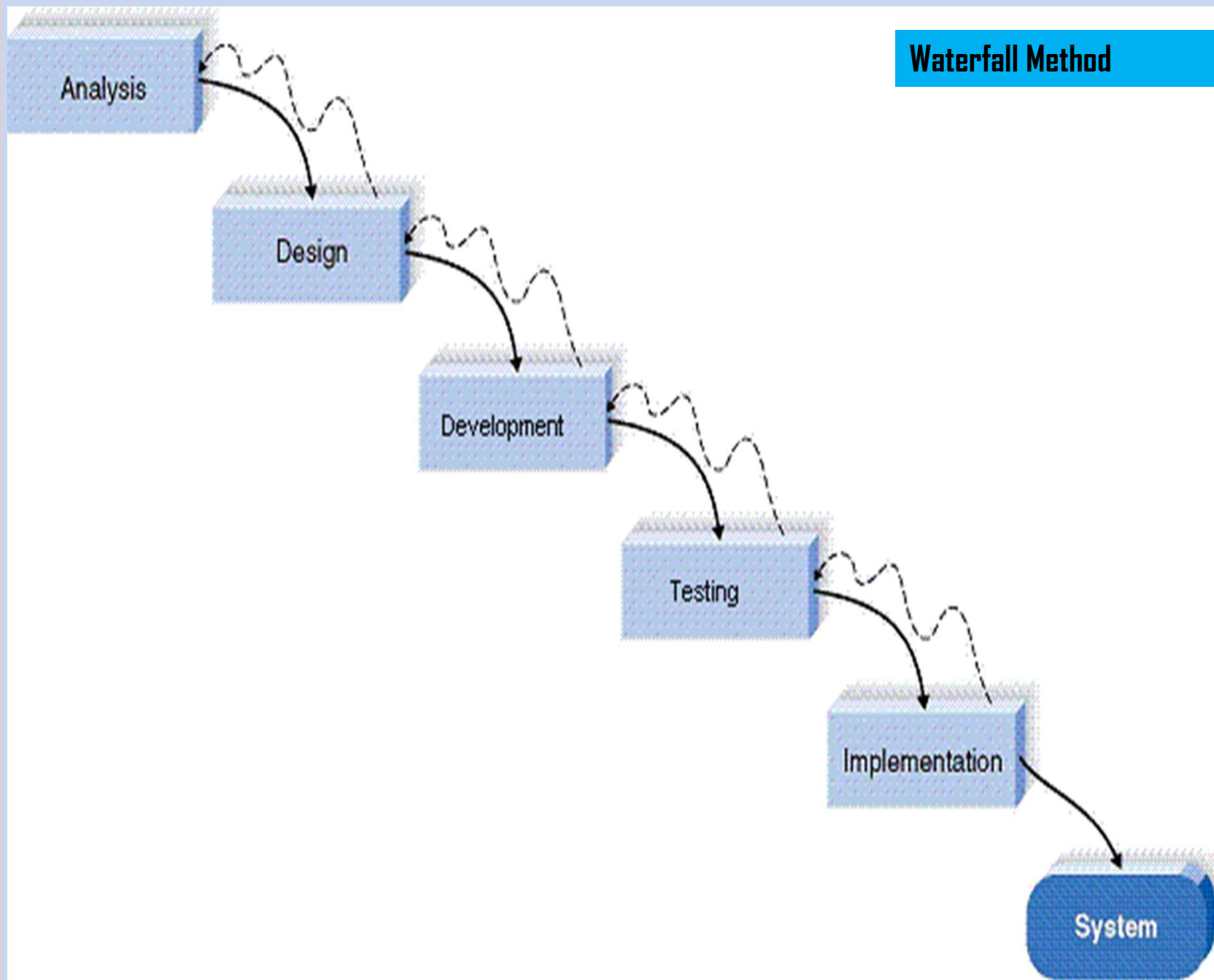


PROJECT LIFE CYCLE

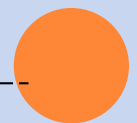
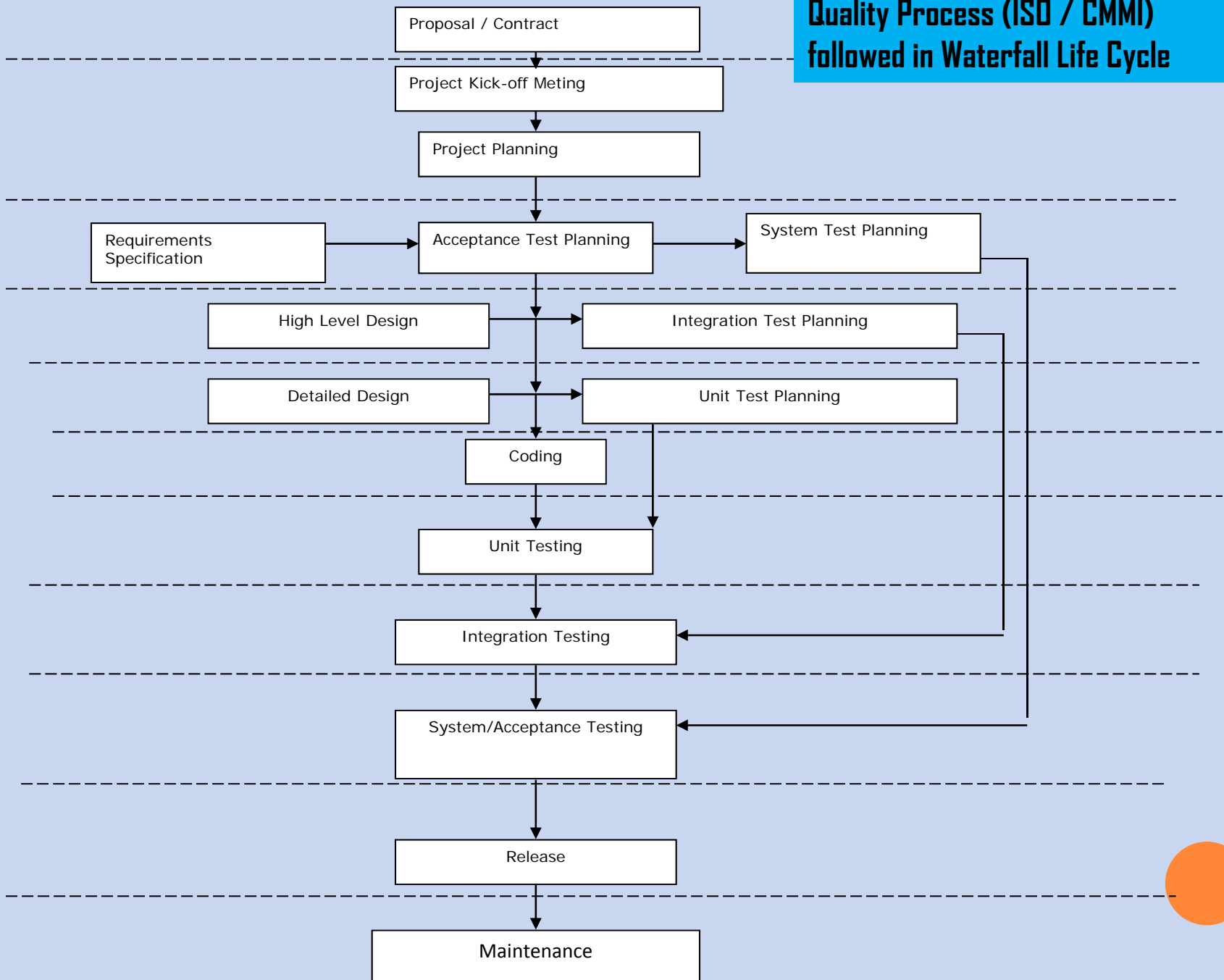
- WATERFALL METHOD



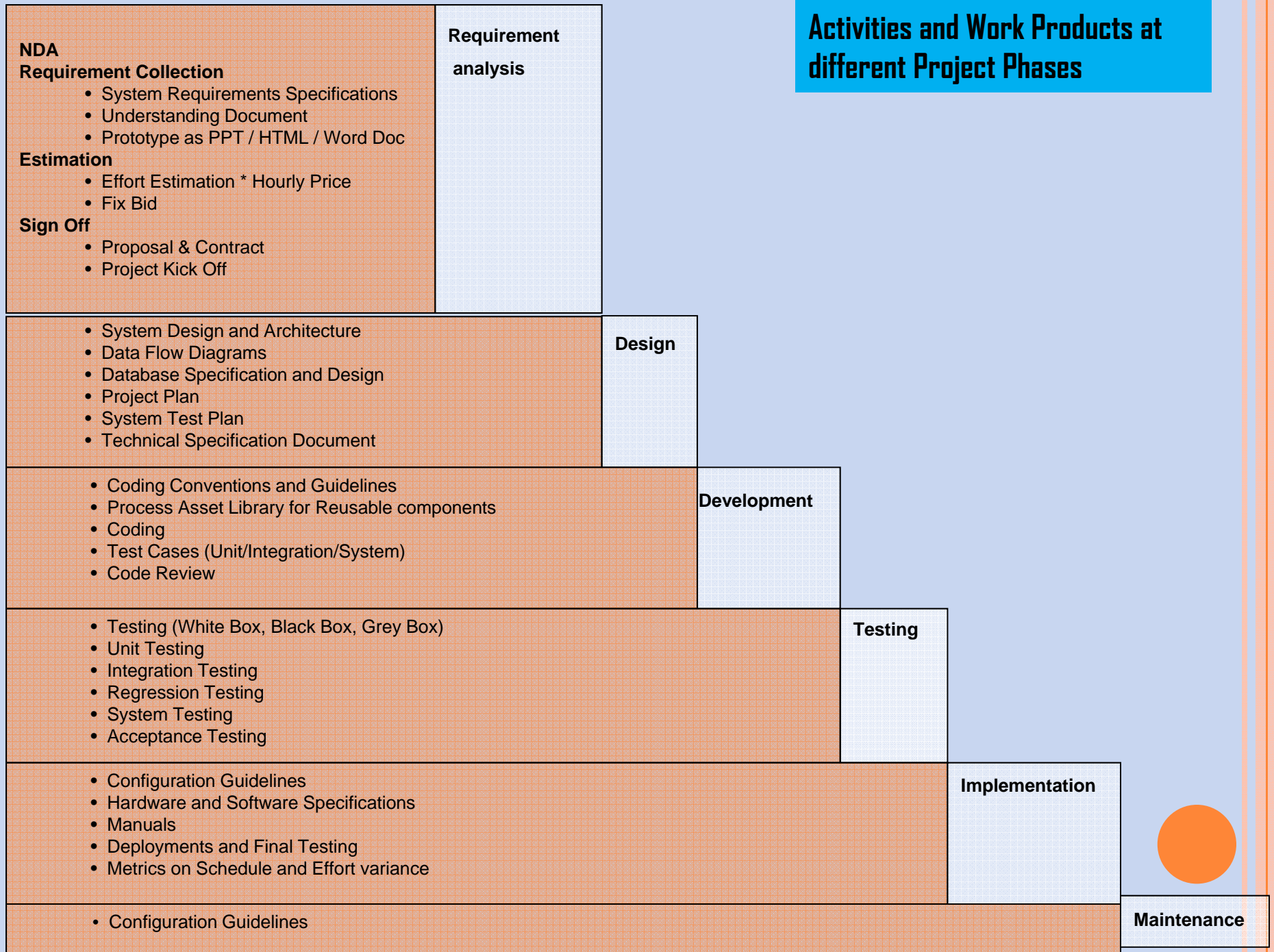
Waterfall Method



**Quality Process (ISO / CMMI)
followed in Waterfall Life Cycle**



Activities and Work Products at different Project Phases



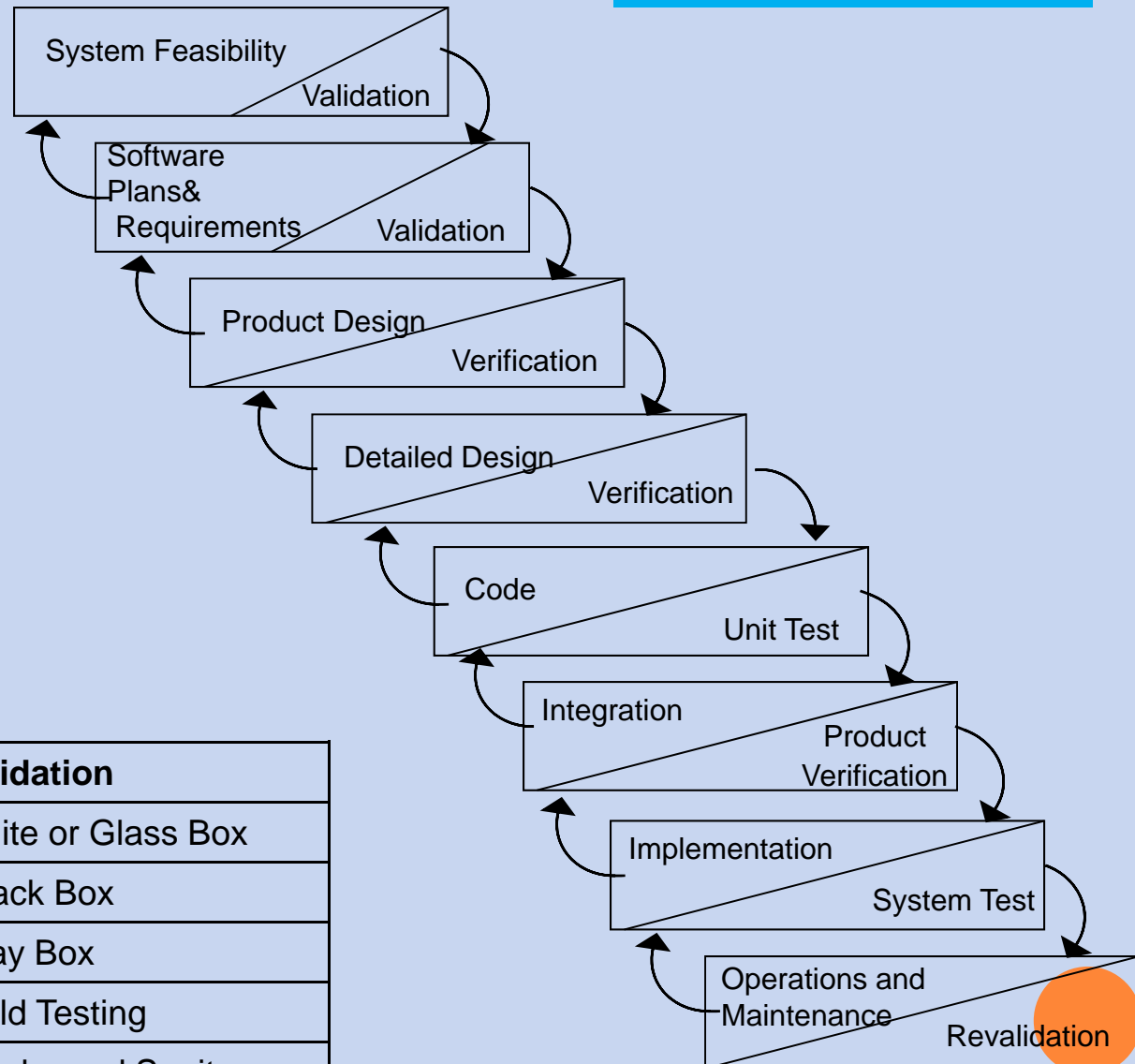
Quality Check Activities in different Project Phases

Process Documents

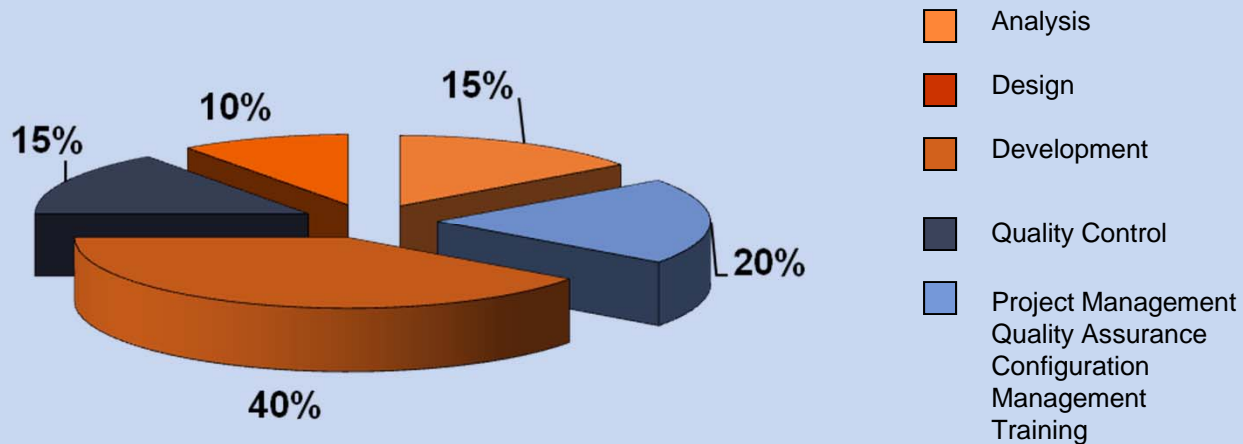
- System Test Plan
- Test Cases
- Unit Test Cases
- Integration Test Cases
- System Test Cases
- Testing
- Unit Testing
- Integration Testing
- System Testing
- Regression Testing
- Acceptance Testing

Activities

| Verification | Validation |
|-------------------|--------------------------|
| Inspections | White or Glass Box |
| Reviews | Black Box |
| Code Walkthroughs | Gray Box |
| Design Reviews | Build Testing |
| | Smoke and Sanity Testing |



RESOURCE MAPPING & ACTIVITIES IN DIFFERENT PROJECT PHASES



| Role | Team Comprises of (Designations) | For Phase |
|---|--|-------------------------------|
| Requirement Analysis Team | Business Analyst + Project Manager + Database Administrator + Graphics Lead + QC Lead | Analysis |
| Design (System + DB +Graphics) | Architect – For System Design & Architecture Project Manager + Project Lead + DBA - For DB Design Project Lead + Graphics Lead – For Graphic Design Project Lead + Developers – For Technical Spec Document | Design |
| Coding & Code Review | Project Lead + Developers – For Coding | Development |
| Verification and Validation | Project Lead + QC Team + Developers – For Testing & Bug fixing | Testing |
| Quality Assurance Configuration Management Project Monitoring and control | Project Manager + Project Lead + SQA + Networks Administrator | Project Management |
| Deployment | Project Manager + Project Lead + QC Lead + Network Administrator | Deployment and Implementation |

TECHNICAL SKILLS

- IN DIFFERENT TECHNOLOGIES



MS TECHNOLOGIES

- **VB 6.0**
- **ASP, VBScript, JavaScript**
- **COM, COM+**
- **ASP.net, VB.net, C#.net, WebServices, AJAX.net**
 - **IIS 5.0+, Site Server, Exchange Servers, Active Directory**
- **VSS 6.0, Visual Studio 6.0, 2003, 2005**
- **Community Server**
- **SharePoint Server**

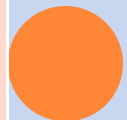
Third party tool integrations

- **Web Samhita (For Multi Language Support)**
- **Acitve PDF Tool Kit (For PDF Writing)**



OTHER TECHNOLOGIES

| JAVA | PHP | CFML |
|---|---|---|
| <ul style="list-style-type: none">•JAVA2•J2EE<ul style="list-style-type: none">•STRUTS•JSP/SERVLETS•EJB•SWINGS•Web Servers<ul style="list-style-type: none">•TOMCAT•JRUN•Webshpere•Frameworks<ul style="list-style-type: none">•Springs•Hybernate | <ul style="list-style-type: none">•PHP 5.0•PHP Frameworks<ul style="list-style-type: none">•Symfony•Zend•Smarty Template•CakePHP•Ruby on the rails•PHPFox•PHP CMS<ul style="list-style-type: none">•Drupal•Joomla•Wordpress•Wordpress mu•Dolphin•Mambo•MODXCMS | <ul style="list-style-type: none">•CFML 7.0•CFML Frameworks<ul style="list-style-type: none">•Fusebox•Scorpio |



DATABASES

- **SQL Server**
- **MYSQL**
- **HSQldb**
- **ORACLE**
- **Postgre SQL**



GRAPHICS

- **Adobe & Macromedia Tools**
 - **PhotoShop**
 - **Illustrator**
 - **In Design**
 - **Acrobat Writer**
 - **DreamWeaver**
 - **Flash with ActionScript**
 - **Director**
 - **Flash Captivate**
 - **Flash Paper**
 - **Contribute**
- **Corel Draw**
- **HTML, DHTML, XHTML, CSS**
- **3D MAX**



TESTING

- **Manual Testing**
- **Automation Tools for Testing**
 - **Rational Robot**
 - **Win Runner**
 - **QTP**
 - **Load Runner**
 - **Test Director**



OUR FOCUS



OUR FOCUS

- **Project Charter**
 - In Requirement Analysis we focus on understanding the requirement and its scope.
 - In System Analysis and Design we focus on proposing a solution in consensus with the stake holders
 - In Planning and Work Break Down we focus that the best resource is identified and allocated with suitable work
- **Quality Check**
 - In System Analysis and Design phase, we focus on preparing System Test Plan and covering all test scenarios
- **Team Work**
 - We focus on healthy work environment by transferring the responsibilities rather than micro managing the team.
 - Transparency and Open communication boosts the team spirit.
- **Client Communication**
 - Weekly Team meeting with the client
 - Biweekly status reporting
 - Daily update call
 - Project Management tool with Client Area
 - Instant response to client queries

