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## Software Development Services

**MavenMullet Technologies** provides a wide range of Software Development Outsourcing services along with complete business process management.

MavenMullet custom software application development services provide the IT backbone of our clients' business strategies when packaged software does not adequately address their needs. As with all of our IT services, application development is delivered within the context of a total plan-build-manage solution - an approach that appreciates the dynamics of our clients' strategies and helps ensure predictable returns on investment (ROI).

### Plan

MavenMullet, being a reputed software development company provides the expertise in industry dynamics, process management, and customized software application and architecture design to recommend technology solution that will meet our clients business objectives and criteria for success.

### Build

MavenMullet provides custom software development, design, implementation & integration services to deliver a rapidly developed, scalable and flexible architecture that is aligned with our clients business objectives. People, process and technology issues are fully addressed to ensure a successful implementation.

### Manage

All bespoke / custom software applications are developed with post-implementation issues in mind. That is, the new architecture is based on strict quality standards to enable cost-effective operations and support as well as easy adaptations in the future. MavenMullet can provide post-implementation management of custom applications to ensure today's solution evolves with our clients emerging business needs.

Full range of our service includes:

**MMT Software Development Services Features:**

- Full-scale applications and business solutions
- Controls and components' libraries
- System Programming included PC Control & PC activity Monitoring etc.
- ASP.NET websites and web-services
- Open Source developments like Google API's, PHP, E-Commerce, Shopping Cart , CMS, ERP, etc.
- Community Application development including, Facebook, hi5, myspace, Google Sites etc.
- E-Commerce development, shopping cart, payment gateway integrations for Google Cart, Verisign, Paypal, Authorize.net, worldpay etc.
- Cross-platform solutions
- Think Client Applications (Server-Client, SOAP, PDAs)
- Development of Enterprise level applications (CRM, ERP, Project Management)
- Mobile, PDAs, Application Developments
- Software testing

**The company has a solid experience in the following technologies, programming languages and Tools:****Operating Systems:**

Microsoft® Windows, Linux, Unix, Mobile OS such as Windows CE, Symbian

**Programming languages:**

C#, Visual Basic .NET, Java Script .NET, C++ / C, Java Script / Visual Basic Script, Assembler, PHP, SQL, T-SQL

**Databases:**

Microsoft® SQL Server™ , Oracle™, MS Access™, MySQL™

**Technologies:**

OLE, COM, ActiveX, DCOM, COM+ (MTS), DAO, RDO, ADO, RDS, MSDAC, XML/XSL/XSLT, (D)HTML, HTC, Microsoft® .NET Framework 1.0/1.1/2.0/3.0, Windows Presentation Foundation

**Development frameworks:**

Visual Studio .NET 2002/2003/2005, Visual C++ (6), Visual Basic, C++ Builder, Delphi® 7+

**Source control systems:**

Microsoft® Visual Source Safe, Microsoft® Office Project

**Test automation tools:**

IBM Rational Robot, IBM Rational Functional Tester, HP Mercury QuickTest, HP Mercury WinRunner, NUnit, NUnit Forms, AutomatedQA TestComplete

**Load testing:** IBM Rational Performance Tester, HP Mercury Load Runner, Apache JMeter

**Test management:**

IBM Rational Performance Tester, HP Mercury Load Runner, Apache Jmeter



### Phase 1 : Planning

Planning is the first phase of software development. In this phase the client give the details and concepts of his/her software and we plan the requirement of resources, time & budget of the proposed development.

### Phase 2 - Requirements Analysis

The requirements analysis phase is concerned with capturing the requirements of the package. The requirements review is a meeting with the aim of discussing these requirements. The final output of this phase is a formal requirements document (Software Requirement Specification), which aims to freeze the requirements at this point and will serve as input to the design phase.

### Phase 3 - Design & Development

The design phase is concerned with design of the software. Things to keep in mind are things like quality,

flexibility (code reuse, future addition of features/functionality) etc. The final output of this phase is a formal design document (Software Design Document), which aims to freeze the design at this point and will serve as input to the coding phase. It serves as secondary function as a reference document for the code and can be particularly useful for developers that should work on the code in the future.

#### Phase 4 - Implementation

The implementation phase involves the actual coding/programming of the software.

The output of this phase is typically the library, executables and User Manuals and additional software documentation.

#### Phase 5 - Testing and Integration

The testing phase is concerned with the validation and verification of the software Unit testing is done on units and integration testing is done by including this package/unit together with other packages/units and testing them all together.

#### Phase 6 - Evaluation

Release the pilot of the product and client evaluates the product. If he /she require modification in the product he suggest it and we do it within a very short span of time.

#### Phase 7 - Release

The Release phase involves the packaging of all sub-packages, together with all relevant documentation in a suitable format for distribution.

#### Phase 8 - Recycle

In case of long term projects, the release phase is the starting point of recycling of the project, but in short term projects release phase is the point of sign off too.

### ***TO KNOW MORE ABOUT***

- How MavenMullet Technologies can help your business achieve competitive advantage
- Global Delivery Model and how it can improve the odds of your business success

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